

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: P627678 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5D-727-U-NR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627678 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-727-U-NR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (80) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	31413.1 lumens	Max Intensity:	318423.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	10028.5 lumens	Field Lumens:	22336.7 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%

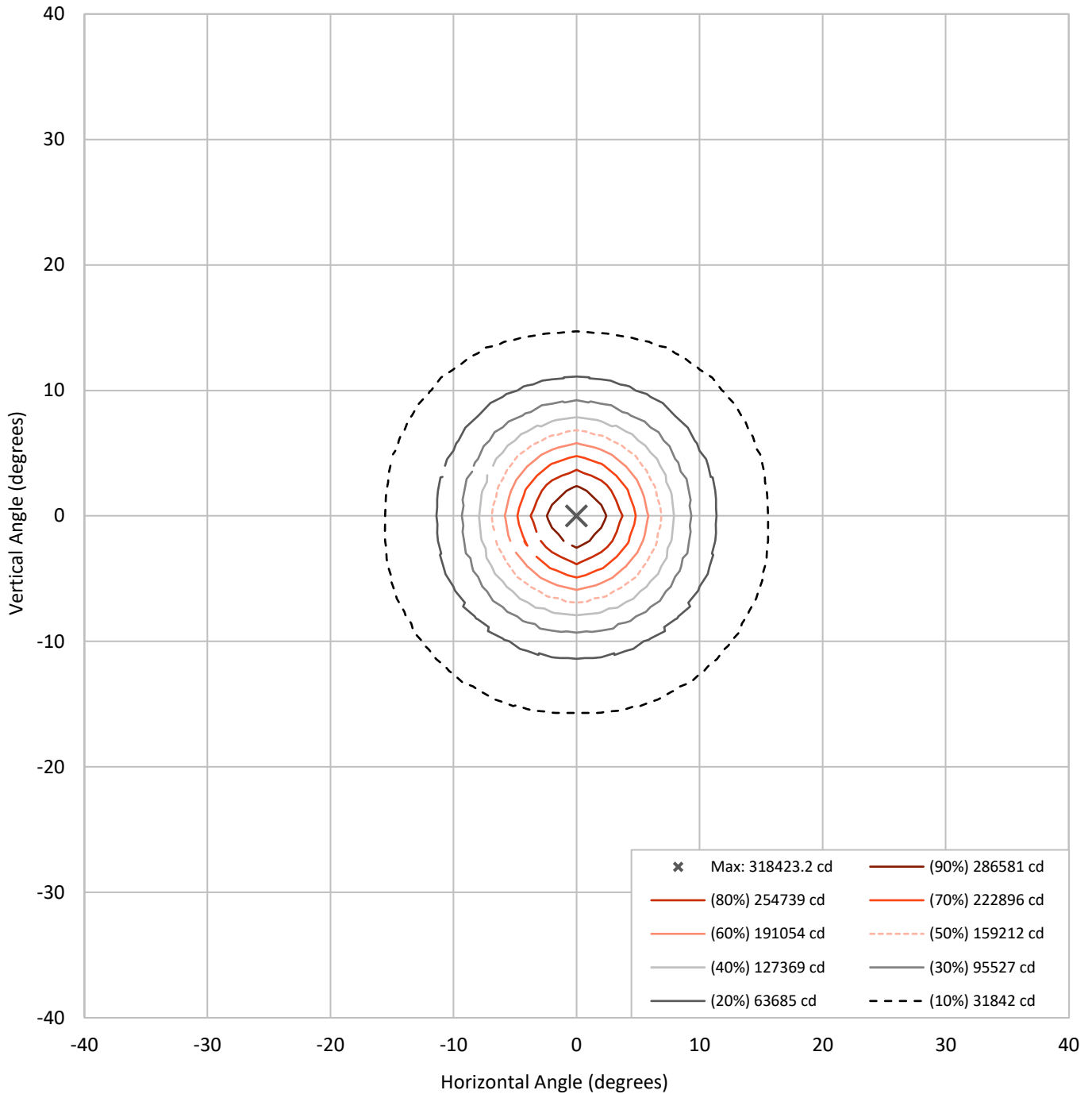
Input Watts (W): 271.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT





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Iso-Candela Plot





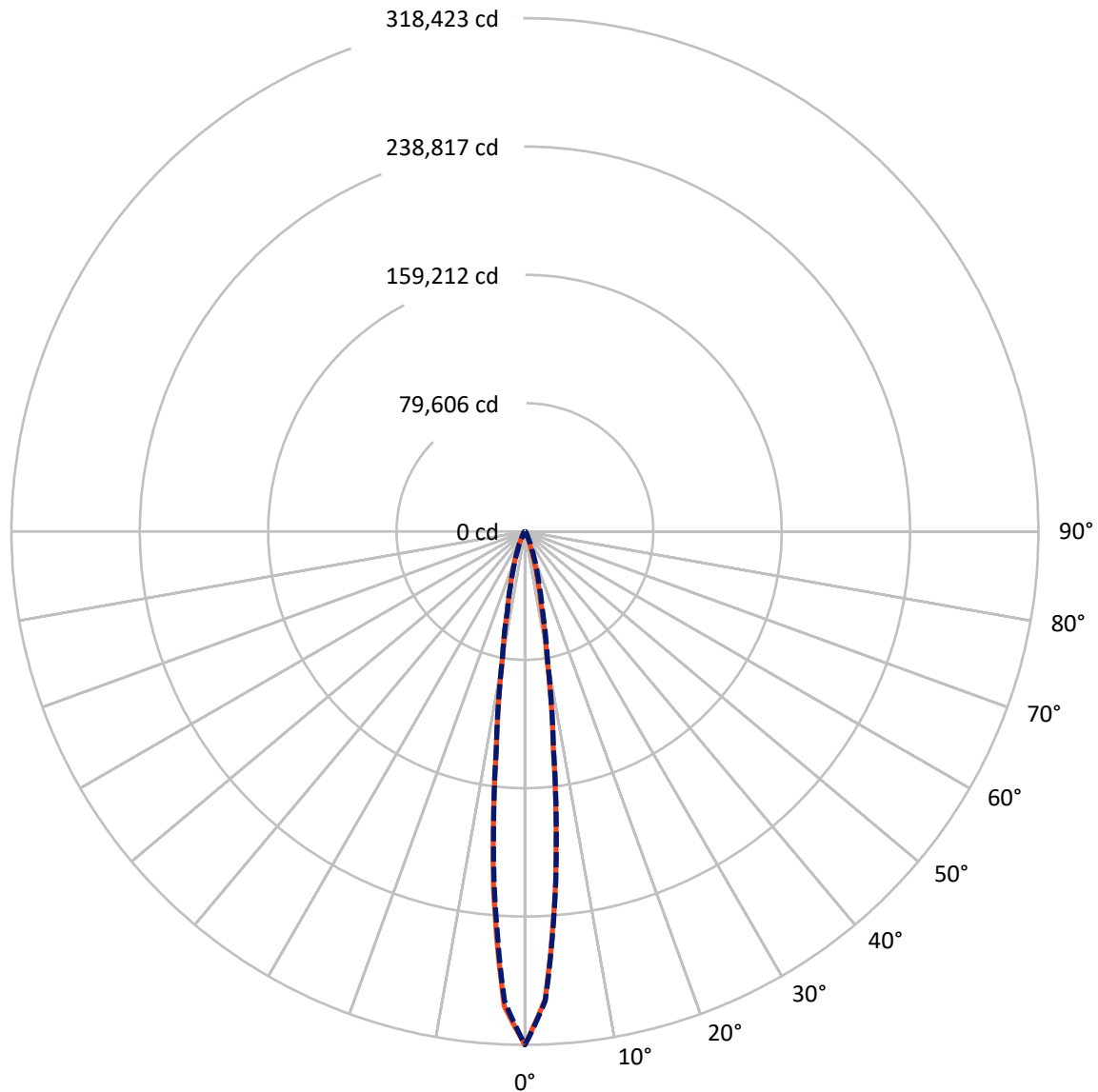
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Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1
60		0.1	0.2	0.8	1.7	2.8	3.7	4.5	4.5	3.7	2.8	1.7	0.8	0.2	0.1	
50	0.1	0.2	0.9	2.7	5.1	7.5	10.6	12.5	12.5	10.6	7.5	5.1	2.7	0.9	0.2	0.1
40		0.5	2.2	5.3	9.5	15.0	25.5	32.5	32.5	25.5	15.0	9.5	5.3	2.2	0.5	
30	0.3	0.9	3.5	8.1	14.7	32.0	85.3	141.3	141.3	85.3	32.0	14.7	8.1	3.5	0.9	0.3
20		1.3	4.8	11.2	24.3	95.5	402.7	885.1	885.1	402.7	95.5	24.3	11.2	4.8	1.3	
10	0.5	1.7	5.9	13.1	33.0	179.3	964.9	4327.4	4327.4	964.9	179.3	33.0	13.1	5.9	1.7	0.5
0		1.9	6.4	13.8	35.4	191.1	998.7	4400.8	4400.8	998.7	191.1	35.4	13.8	6.4	1.9	
-10	0.6	2.0	6.5	13.6	31.1	121.6	484.8	1037.0	1037.0	484.8	121.6	31.1	13.6	6.5	2.0	0.6
-20		2.0	6.2	12.5	24.0	56.8	149.4	249.0	249.0	149.4	56.8	24.0	12.5	6.2	2.0	
-30	0.6	1.7	5.5	11.0	18.8	31.2	50.8	64.5	64.5	50.8	31.2	18.8	11.0	5.5	1.7	0.6
-40		1.4	4.5	9.2	15.2	21.8	29.3	32.7	32.7	29.3	21.8	15.2	9.2	4.5	1.4	
-50	0.4	1.1	3.4	7.2	12.0	16.7	21.1	23.1	23.1	21.1	16.7	12.0	7.2	3.4	1.1	0.4
-60		0.7	2.1	4.7	8.0	11.7	14.7	16.2	16.2	14.7	11.7	8.0	4.7	2.1	0.7	
-70	0.1	0.7	2.1	4.7	8.0	11.7	14.7	16.2	16.2	14.7	11.7	8.0	4.7	2.1	0.7	0.1
-80		1.9	7.9	17.4	22.0	17.4	7.9	1.9	0.1							
-90	0.1	1.9	7.9	17.4	22.0	17.4	7.9	1.9	0.1							

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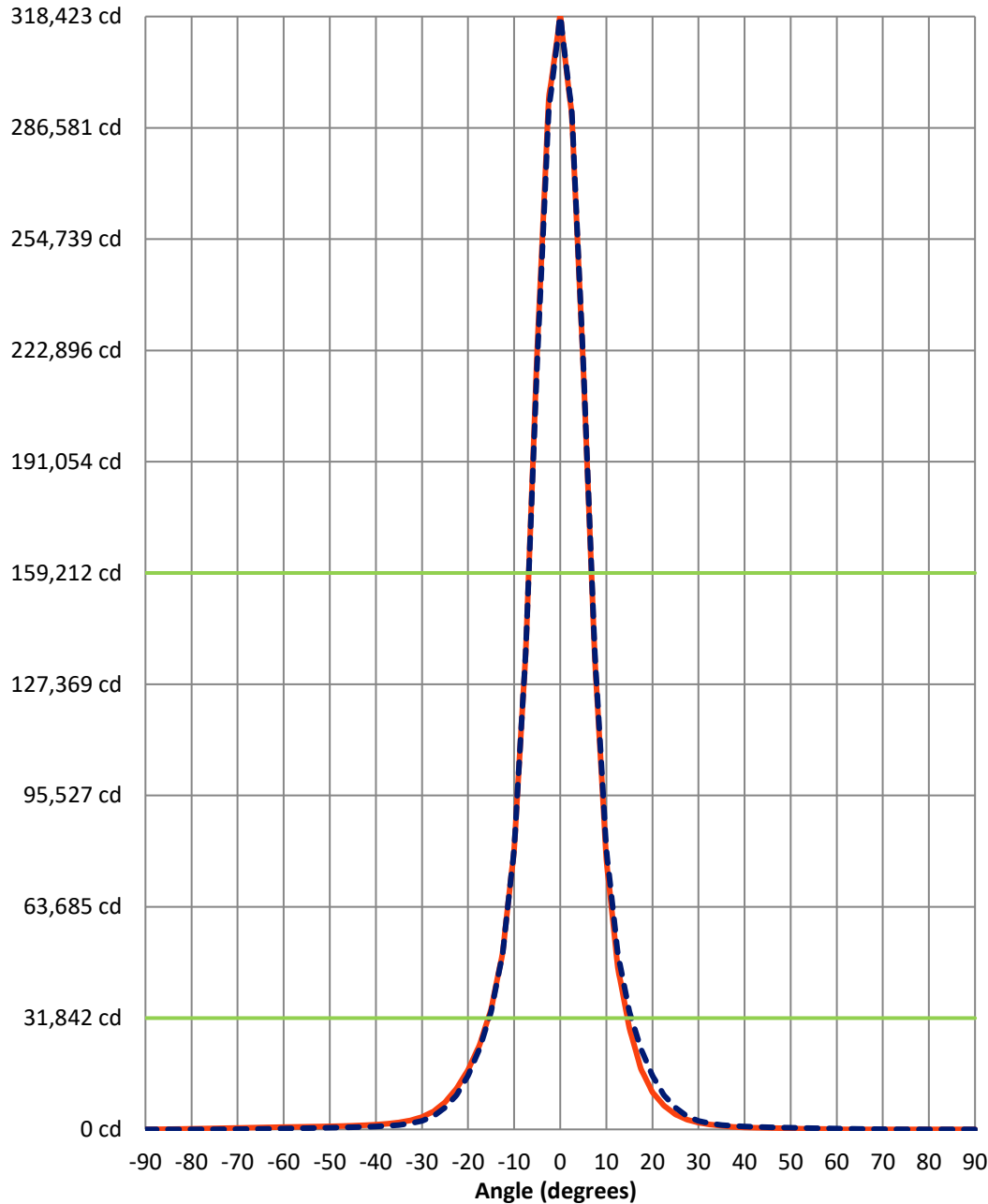
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 10028.5
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 22336.7
 Efficiency: 71.1%

Spill:
 Lumens: 9076.4
 Efficiency: 28.9%

— 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.7	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.9	0.1	0.0	0.1	0.6	0.2	0.0	0.1	0.6	0.3
72.5°	0.0	1.1	0.2	0.0	0.7	1.0	0.3	0.4	1.4	1.5	0.6
70°	0.0	1.2	0.3	0.1	1.4	1.5	0.8	2.1	2.8	2.5	0.9
67.5°	0.0	1.4	0.4	0.8	2.0	2.1	2.4	3.8	4.3	2.7	1.1
65°	0.0	1.5	0.5	1.5	2.7	2.9	3.9	5.6	4.5	3.0	2.0
62.5°	0.0	1.7	0.7	2.1	3.4	3.8	5.3	6.3	4.8	3.5	4.2
60°	0.0	1.9	0.9	2.8	4.2	4.7	6.6	6.5	5.0	4.8	6.1
57.5°	0.0	2.1	1.5	3.5	4.7	5.5	6.7	6.7	5.6	6.0	6.7
55°	0.0	2.3	2.0	4.3	5.2	6.2	6.7	6.7	6.2	6.7	6.7
52.5°	0.0	2.5	2.5	5.0	5.6	6.7	6.7	6.7	6.6	6.7	6.7
50°	0.0	2.7	3.0	5.7	5.9	6.7	6.7	6.7	6.7	6.7	7.8
47.5°	0.0	2.9	3.5	6.3	6.2	6.7	6.7	6.7	6.7	6.7	9.3
45°	0.0	3.1	3.9	6.5	6.4	6.7	6.7	6.7	6.9	8.4	11.1
42.5°	0.0	3.3	4.3	6.7	6.6	6.7	6.7	7.0	7.4	10.2	14.9
40°	0.0	3.5	4.7	6.7	6.7	6.7	6.7	7.5	8.6	12.4	19.2
37.5°	0.0	3.7	5.0	6.7	6.7	6.7	6.7	8.2	10.9	15.6	23.7
35°	0.0	3.9	5.3	6.7	6.7	6.7	6.7	9.0	13.4	19.9	29.1
32.5°	0.0	4.1	5.6	6.7	6.7	6.7	6.9	9.9	16.0	24.0	36.0
30°	0.0	4.4	5.8	6.7	6.7	6.7	7.6	11.2	18.8	27.9	43.6
27.5°	0.0	4.6	6.0	6.7	6.7	6.7	8.4	13.4	21.7	31.7	51.8
25°	0.0	4.8	6.2	6.7	6.7	6.7	9.2	15.6	24.9	37.4	60.5
22.5°	0.0	5.0	6.3	6.7	6.7	6.8	10.0	17.8	28.0	44.2	70.8
20°	0.0	5.2	6.4	6.7	6.7	7.3	10.9	19.9	30.9	51.0	80.3
17.5°	0.0	5.4	6.5	6.7	6.7	7.9	12.1	22.0	33.6	58.0	89.0
15°	0.0	5.6	6.6	6.7	6.7	8.6	13.5	24.1	36.1	64.8	96.8
12.5°	0.0	5.8	6.6	6.7	6.7	9.4	14.8	26.2	39.5	71.4	103.9
10°	0.0	6.0	6.7	6.7	6.7	10.2	16.0	28.0	43.8	77.6	110.1
7.5°	0.0	6.2	6.7	6.7	6.7	11.0	17.2	29.7	48.3	83.0	115.6
5°	0.0	6.4	6.7	6.7	6.7	11.9	18.3	31.2	52.6	87.5	120.4
2.5°	0.0	6.5	6.7	6.7	6.7	12.7	19.3	32.6	56.8	91.3	124.6
0°	0.0	6.7	6.7	6.7	6.7	13.5	20.2	33.7	60.7	94.4	128.1
-2.5°	0.0	6.7	6.7	6.7	7.3	14.2	22.0	35.7	64.2	96.9	132.4
-5°	0.0	6.7	6.7	6.7	7.9	14.9	23.6	37.6	67.1	98.8	136.0
-7.5°	0.0	6.6	6.7	6.7	8.4	15.4	25.1	39.2	69.5	100.3	138.7
-10°	0.0	6.6	6.7	6.7	8.9	15.9	26.4	40.7	71.3	101.4	140.3
-12.5°	0.0	6.5	6.7	6.7	9.4	16.4	27.5	41.9	72.4	102.4	143.0
-15°	0.0	6.5	6.7	6.7	9.8	16.7	28.4	43.0	72.6	104.4	145.4
-17.5°	0.0	6.4	6.7	6.7	10.1	17.0	29.0	44.0	72.1	105.5	146.5
-20°	0.0	6.3	6.7	6.7	10.3	17.3	29.3	44.9	71.1	105.5	146.3

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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	6.2	6.7	6.7	10.3	17.4	29.7	45.4	69.5	104.3	144.6
-25°	0.0	6.1	6.7	6.7	10.3	17.9	29.9	45.7	67.3	101.8	141.4
-27.5°	0.0	5.9	6.7	6.7	10.1	18.3	29.9	45.5	64.7	98.4	138.4
-30°	0.0	5.8	6.7	6.7	9.9	18.6	29.7	45.0	63.3	94.8	133.8
-32.5°	0.0	5.7	6.7	6.7	9.9	18.8	29.4	44.5	62.5	90.6	127.4
-35°	0.0	5.5	6.7	6.7	9.7	18.7	29.3	43.9	61.2	85.8	119.3
-37.5°	0.0	5.3	6.7	6.7	9.5	18.5	29.2	43.1	59.4	80.4	114.7
-40°	0.0	5.1	6.7	6.7	9.1	18.2	28.9	42.1	57.2	76.9	110.5
-42.5°	0.0	4.9	6.7	6.8	9.1	17.6	28.2	40.8	55.4	75.4	105.2
-45°	0.0	4.7	6.7	6.9	9.3	16.9	27.4	39.6	53.7	73.1	99.5
-47.5°	0.0	4.5	6.7	7.1	9.5	16.0	26.3	38.2	51.9	69.9	95.7
-50°	0.0	4.3	6.7	7.2	9.5	14.9	24.9	36.6	49.9	67.3	90.7
-52.5°	0.0	4.1	6.7	7.2	9.6	13.7	23.3	34.6	47.4	63.5	84.8
-55°	0.0	3.8	6.7	7.3	9.5	13.3	21.5	32.3	44.6	58.8	78.6
-57.5°	0.0	3.6	6.7	7.3	9.4	13.0	19.5	29.7	41.4	54.5	71.2
-60°	0.0	3.3	6.7	7.2	9.2	12.6	17.4	26.8	37.8	50.1	63.8
-62.5°	0.0	3.1	6.2	7.1	8.9	12.1	16.6	23.7	33.9	45.4	58.1
-65°	0.0	2.8	5.7	7.0	8.6	11.4	15.5	20.9	29.7	40.2	51.8
-67.5°	0.0	2.6	5.1	6.9	8.2	10.7	14.4	19.2	25.2	34.7	45.2
-70°	0.0	2.3	4.6	6.7	7.8	9.9	13.1	17.3	22.5	28.8	38.2
-72.5°	0.0	2.0	4.0	6.0	7.3	9.0	11.7	15.3	19.7	25.1	31.3
-75°	0.0	1.7	3.5	5.2	6.8	8.1	10.2	13.3	16.7	21.2	26.3
-77.5°	0.0	1.4	2.9	4.3	5.8	7.1	8.6	11.5	14.5	17.5	21.2
-80°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	9.6	12.4	15.1	17.9
-82.5°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	7.5	10.2	12.7	15.1
-85°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	5.0	6.9	9.0	11.4
-87.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.5	3.4	4.5	5.7
-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.9	2.3	1.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0
65°	3.3	4.3	3.3	1.7	0.1	1.6	2.3	1.8	0.2	0.0	0.0
62.5°	6.2	5.3	3.7	2.8	3.8	5.1	4.0	2.3	0.6	3.2	4.7
60°	6.7	5.7	4.7	5.3	6.8	6.0	4.4	6.6	9.9	12.4	15.1
57.5°	6.7	6.2	6.1	7.2	7.6	7.6	11.8	15.8	22.4	27.8	31.5
55°	6.9	6.6	7.6	9.1	11.3	16.1	22.0	31.0	38.3	49.4	58.8
52.5°	7.6	7.6	10.2	13.8	20.4	27.8	38.3	51.0	65.5	76.3	87.7
50°	8.7	11.3	14.4	23.1	32.1	43.8	61.0	79.6	91.8	103.9	120.3
47.5°	12.0	15.3	23.7	33.8	46.9	65.5	89.2	102.6	114.5	133.7	154.1
45°	16.2	23.0	33.3	47.3	65.4	91.4	110.0	120.9	141.8	163.9	187.2
42.5°	20.7	31.7	45.8	60.6	88.9	113.7	130.5	147.9	168.9	194.8	220.1
40°	28.1	40.2	59.5	82.6	111.4	135.6	156.8	176.8	197.3	231.2	258.1
37.5°	35.5	53.3	75.0	103.8	133.7	160.2	183.8	208.8	238.3	276.5	300.7
35°	42.8	66.8	93.5	124.0	155.9	185.8	214.1	243.4	281.6	317.7	346.6
32.5°	53.0	80.7	110.7	143.7	176.5	210.3	244.8	279.7	317.4	354.3	392.2
30°	65.8	95.5	127.0	162.5	195.4	234.6	274.5	311.5	349.4	388.4	431.2
27.5°	78.7	109.3	143.4	179.2	213.8	258.4	301.5	340.2	379.0	420.9	469.8
25°	90.6	123.3	158.9	194.1	234.8	282.6	329.7	374.6	407.4	455.2	512.2
22.5°	102.0	136.9	175.1	207.6	255.0	307.1	361.9	410.1	449.0	491.6	556.4
20°	113.4	150.9	190.3	226.7	275.3	331.3	396.4	446.0	494.3	549.2	615.4
17.5°	124.2	163.9	205.4	248.6	299.9	357.8	431.7	482.3	539.9	605.7	689.0
15°	134.4	176.0	220.4	268.9	322.0	384.4	455.7	518.8	587.7	663.7	762.1
12.5°	143.9	187.0	235.3	287.8	341.5	407.3	475.7	542.9	622.3	721.6	845.4
10°	152.7	197.0	249.7	305.1	358.4	426.6	493.5	563.3	647.1	756.2	898.0
7.5°	160.0	207.1	263.4	320.8	373.1	442.5	508.7	580.2	667.8	784.8	933.3
5°	166.1	217.7	276.1	330.9	385.2	456.2	521.5	593.5	684.4	807.1	958.5
2.5°	171.2	227.4	287.2	338.2	395.7	468.7	531.7	608.3	701.1	824.5	982.2
0°	175.2	235.9	296.6	343.7	404.4	478.5	539.2	620.1	714.4	835.8	1004.3
-2.5°	183.4	243.0	302.2	350.1	413.7	480.1	544.1	621.8	719.4	844.6	1008.4
-5°	190.3	248.6	306.3	355.0	420.7	480.0	546.2	620.3	721.2	849.5	1015.7
-7.5°	195.5	253.0	309.0	358.8	424.4	482.2	549.2	625.1	726.4	854.1	1025.2
-10°	199.0	256.1	311.3	363.6	425.3	484.5	550.4	626.2	725.5	851.2	1020.0
-12.5°	200.8	257.9	312.3	366.2	425.1	484.3	548.8	623.3	718.1	840.5	999.2
-15°	201.3	258.6	312.2	366.5	424.1	481.4	544.5	616.2	704.7	822.5	966.5
-17.5°	200.7	258.2	310.9	364.3	422.5	475.9	537.8	606.7	691.2	801.2	939.9
-20°	199.0	256.8	308.6	359.5	420.2	470.7	531.1	597.7	677.1	776.8	900.9



REPORT NUMBER: P627678 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	196.2	254.4	305.2	354.6	412.8	465.9	522.3	585.8	657.0	747.2	857.3
-25°	193.0	249.7	301.0	350.7	404.3	458.6	511.3	571.6	637.1	723.7	822.8
-27.5°	188.6	243.9	295.1	345.5	395.3	448.8	500.2	557.2	622.0	698.4	787.0
-30°	182.4	235.7	286.9	338.3	387.4	437.7	487.3	541.7	602.7	674.8	756.6
-32.5°	174.6	226.5	276.6	327.4	378.5	426.5	473.3	525.5	582.8	646.0	723.8
-35°	166.6	216.6	265.5	313.9	367.8	414.0	459.1	506.9	560.3	619.1	682.5
-37.5°	159.1	206.0	253.7	299.4	350.4	398.6	442.4	487.9	537.2	591.1	648.7
-40°	151.0	194.7	241.3	285.8	330.6	379.7	423.4	467.3	512.9	566.9	618.2
-42.5°	142.7	185.1	228.2	271.8	314.6	358.5	402.2	444.3	492.3	543.6	593.8
-45°	135.7	175.1	215.1	257.5	299.7	339.3	380.3	419.7	468.5	519.6	568.8
-47.5°	127.5	164.9	203.6	242.0	283.4	323.1	359.9	399.7	441.3	489.5	541.1
-50°	119.0	154.4	190.2	226.4	265.6	305.3	342.6	379.4	418.6	458.3	502.8
-52.5°	111.8	142.7	175.8	209.1	246.2	285.0	322.8	359.6	395.6	432.9	470.9
-55°	103.3	131.6	160.9	192.0	224.5	261.7	299.1	335.0	371.8	406.6	443.8
-57.5°	93.8	119.2	145.9	175.0	204.6	235.2	271.4	307.1	341.7	376.9	415.3
-60°	83.1	105.8	130.0	156.9	185.7	213.6	243.1	276.2	309.6	343.0	378.4
-62.5°	72.0	91.7	113.5	137.0	163.4	190.9	217.8	246.0	276.0	305.1	335.8
-65°	64.6	78.5	96.9	117.7	139.4	164.0	189.4	215.5	241.9	266.6	290.3
-67.5°	56.8	69.3	82.8	98.2	117.9	138.6	158.9	182.2	206.0	228.7	250.8
-70°	48.4	59.5	71.5	84.3	98.4	115.3	134.3	153.0	171.2	190.2	210.7
-72.5°	39.7	49.3	59.7	70.8	82.8	96.2	110.9	126.8	143.0	158.7	174.7
-75°	32.6	39.0	47.5	56.9	67.2	77.7	88.3	100.9	114.6	128.4	141.9
-77.5°	26.8	32.7	38.6	44.3	51.7	61.3	70.8	80.1	89.7	100.0	111.2
-80°	21.8	26.4	31.7	37.0	42.1	47.8	54.4	61.8	68.5	75.5	83.1
-82.5°	18.2	21.7	25.5	29.6	32.6	35.6	39.1	43.4	47.9	52.6	57.4
-85°	13.9	16.8	19.3	22.1	23.5	25.0	26.7	28.5	31.4	34.3	37.1
-87.5°	7.0	8.4	9.9	11.6	12.3	13.0	13.6	14.3	16.1	18.1	20.1
-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: P627678 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.4	0.0	0.0	0.0	0.1	1.2	1.7	1.4	0.6	0.0	0.0
62.5°	3.9	3.3	5.2	7.0	7.7	7.4	6.8	6.1	5.2	4.8	5.5
60°	16.2	15.9	22.1	25.1	22.9	16.1	25.4	29.9	28.8	24.7	24.5
57.5°	39.6	48.0	54.2	56.9	65.9	80.3	83.0	78.3	76.6	78.1	90.3
55°	68.6	75.4	79.0	91.2	102.0	109.9	114.6	119.2	126.1	134.6	143.3
52.5°	96.9	106.4	113.6	124.5	137.5	142.0	140.8	157.5	170.5	178.9	182.3
50°	133.1	144.9	161.7	178.8	186.2	193.5	201.2	214.9	234.8	259.7	273.9
47.5°	172.1	190.7	208.3	227.8	237.7	245.5	256.9	280.8	309.2	335.9	349.9
45°	207.3	223.8	243.9	260.8	273.0	287.9	304.5	326.0	357.8	385.8	405.1
42.5°	235.5	254.1	274.8	295.3	307.7	327.8	352.9	382.2	415.5	444.6	466.1
40°	275.0	290.8	323.8	343.2	348.1	366.8	417.3	457.3	494.9	530.7	548.5
37.5°	322.8	353.5	387.8	405.4	422.8	455.9	523.4	588.1	636.1	684.5	710.9
35°	377.1	417.5	464.1	485.0	522.2	594.4	673.7	763.7	875.7	922.7	965.4
32.5°	429.8	475.0	518.0	564.9	630.0	716.3	805.6	951.5	1087.9	1193.4	1270.5
30°	476.6	524.5	577.9	638.2	730.0	848.8	998.0	1186.9	1379.0	1546.7	1688.6
27.5°	522.8	577.4	640.9	730.7	859.9	1021.3	1259.4	1528.8	1849.6	2086.0	2368.1
25°	573.5	635.9	717.4	847.6	1021.9	1263.2	1643.9	2081.5	2607.4	3033.9	3480.2
22.5°	633.5	725.6	828.9	974.1	1278.5	1676.2	2196.2	2944.1	3753.1	4501.2	5221.6
20°	706.0	831.8	997.7	1265.1	1655.9	2243.7	3147.3	4340.8	5530.7	6797.9	8017.8
17.5°	809.4	990.8	1248.5	1629.0	2144.1	3306.9	4773.0	6619.0	8990.6	11139.9	13016.4
15°	906.5	1123.2	1530.1	2098.9	2997.2	4538.5	6765.1	9812.1	13508.3	16876.9	20434.7
12.5°	1008.3	1264.2	1731.5	2455.8	3704.0	5710.5	8839.7	13014.6	17642.8	22719.7	28502.4
10°	1088.9	1399.6	1959.2	2877.5	4416.2	6914.8	10642.1	15705.4	21855.6	29368.9	38613.1
7.5°	1143.4	1508.2	2147.3	3186.2	5071.8	8146.4	12633.5	18719.3	26408.1	36361.8	49296.8
5°	1185.9	1591.1	2288.7	3467.7	5626.3	9086.6	14108.8	21358.5	30454.1	43790.2	65711.3
2.5°	1220.1	1654.5	2376.1	3661.5	5974.5	9741.3	15098.6	22851.6	32862.5	49282.2	77722.0
0°	1246.9	1712.0	2433.1	3781.1	6241.2	9806.7	15407.6	23124.8	33726.8	50273.4	80306.8
-2.5°	1258.3	1742.7	2452.7	3807.3	6214.6	9919.1	15501.9	23343.1	33694.3	49730.3	77419.9
-5°	1277.2	1742.2	2437.9	3780.6	6075.2	9628.5	14886.2	22121.7	31661.6	45453.2	68138.8
-7.5°	1290.8	1714.4	2367.3	3609.3	5710.5	9000.3	13804.4	20098.1	27961.9	38433.6	52483.5
-10°	1278.3	1661.1	2249.7	3321.9	5143.5	7992.5	12159.4	17426.6	23962.3	31722.6	41268.5
-12.5°	1230.2	1562.6	2057.7	2919.4	4409.1	6863.7	10504.4	14989.1	19826.4	25276.6	31872.8
-15°	1169.4	1456.5	1884.7	2643.3	3864.6	5744.8	8402.8	12041.0	15921.4	20059.4	24472.1
-17.5°	1122.1	1363.3	1717.9	2267.1	3165.4	4660.4	6749.1	9333.6	12185.2	15335.7	17950.6
-20°	1058.0	1248.6	1546.2	1994.7	2680.1	3670.6	5191.9	7069.5	8951.2	11166.3	12972.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627678 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	993.7	1159.8	1386.3	1714.5	2224.5	2972.8	3912.7	5166.4	6542.5	7813.9	9065.5
-25°	934.2	1062.0	1245.2	1514.5	1860.5	2371.1	3040.1	3759.3	4666.3	5440.3	6299.2
-27.5°	885.9	995.7	1130.9	1328.3	1596.7	1925.3	2404.3	2886.1	3363.2	3753.7	4345.1
-30°	839.3	927.7	1040.8	1181.5	1382.7	1635.9	1946.9	2259.5	2534.7	2785.9	3093.8
-32.5°	793.5	865.5	952.2	1069.0	1213.4	1403.7	1594.8	1818.9	2010.2	2186.8	2350.2
-35°	747.7	811.7	877.8	976.3	1091.5	1226.6	1365.5	1517.3	1649.8	1768.7	1874.0
-37.5°	706.3	762.5	824.6	898.0	990.8	1092.6	1206.0	1316.2	1403.7	1481.0	1544.8
-40°	671.3	722.5	775.6	834.4	905.0	985.3	1081.7	1173.5	1234.8	1282.0	1320.7
-42.5°	640.1	685.2	730.5	780.3	834.5	904.0	980.1	1056.0	1097.6	1134.0	1162.0
-45°	615.1	649.6	687.8	730.3	778.4	836.5	896.3	948.8	985.7	1017.1	1040.5
-47.5°	582.0	615.2	648.3	683.4	728.2	776.7	826.1	866.4	898.7	926.0	943.9
-50°	545.5	580.5	610.7	641.6	682.8	724.0	763.7	797.1	827.9	854.7	868.7
-52.5°	507.8	545.4	577.1	607.2	641.8	677.6	713.5	742.0	769.0	794.3	804.9
-55°	480.5	515.2	548.0	576.3	604.8	633.5	662.8	692.4	719.0	743.0	750.1
-57.5°	451.2	486.5	518.8	544.3	570.1	595.9	622.8	649.5	675.2	698.2	704.0
-60°	415.3	453.6	482.4	506.4	531.4	557.0	580.3	604.1	628.1	648.2	654.7
-62.5°	369.8	404.7	433.1	458.4	482.6	504.8	527.5	549.8	571.3	587.1	592.3
-65°	315.2	344.9	374.2	400.7	424.5	445.9	466.9	487.2	506.7	520.7	527.6
-67.5°	272.2	293.5	317.0	339.8	363.8	385.9	404.8	422.6	439.4	451.2	458.6
-70°	230.6	250.9	273.0	294.7	315.5	333.5	348.6	363.3	377.6	388.0	395.9
-72.5°	190.9	208.1	226.5	245.6	264.7	280.9	294.8	307.9	320.2	329.2	336.5
-75°	155.1	169.3	184.8	200.3	215.7	228.5	240.1	251.4	262.3	270.3	276.9
-77.5°	123.0	135.0	147.1	159.3	171.5	180.8	189.3	197.6	205.7	212.0	217.7
-80°	91.1	100.6	110.2	119.9	129.6	136.8	143.2	149.3	155.0	158.7	162.0
-82.5°	62.3	68.9	75.7	82.5	89.3	94.6	99.7	104.7	109.6	111.3	112.6
-85°	39.8	43.1	46.6	50.4	54.3	57.2	59.9	62.6	65.1	67.4	69.6
-87.5°	22.1	22.8	23.4	23.9	24.5	26.5	28.5	30.5	32.5	32.9	33.2
-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: P627678 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4
62.5°	6.0	6.4	6.6	6.7	6.6	6.4	6.0	5.5	4.8	5.2	6.1
60°	23.0	20.5	20.0	20.2	20.0	20.5	23.0	24.5	24.7	28.8	29.9
57.5°	102.5	114.0	117.2	114.6	117.2	114.0	102.5	90.3	78.1	76.6	78.3
55°	149.2	152.8	154.4	155.0	154.4	152.8	149.2	143.3	134.6	126.1	119.2
52.5°	183.0	181.8	181.5	182.0	181.5	181.8	183.0	182.3	178.9	170.5	157.5
50°	275.0	270.0	268.0	269.6	268.0	270.0	275.0	273.9	259.7	234.8	214.9
47.5°	351.5	353.1	355.4	357.2	355.4	353.1	351.5	349.9	335.9	309.2	280.8
45°	410.5	414.1	416.6	417.9	416.6	414.1	410.5	405.1	385.8	357.8	326.0
42.5°	470.8	471.2	470.5	471.8	470.5	471.2	470.8	466.1	444.6	415.5	382.2
40°	555.8	557.6	555.7	552.7	555.7	557.6	555.8	548.5	530.7	494.9	457.3
37.5°	726.3	728.8	720.7	714.4	720.7	728.8	726.3	710.9	684.5	636.1	588.1
35°	1004.5	1033.3	1047.0	1051.4	1047.0	1033.3	1004.5	965.4	922.7	875.7	763.7
32.5°	1323.9	1364.0	1384.1	1401.9	1384.1	1364.0	1323.9	1270.5	1193.4	1087.9	951.5
30°	1781.6	1855.5	1888.1	1934.4	1888.1	1855.5	1781.6	1688.6	1546.7	1379.0	1186.9
27.5°	2528.3	2658.3	2730.3	2797.1	2730.3	2658.3	2528.3	2368.1	2086.0	1849.6	1528.8
25°	3804.5	4054.9	4216.9	4293.4	4216.9	4054.9	3804.5	3480.2	3033.9	2607.4	2081.5
22.5°	5918.6	6380.1	6736.1	6807.4	6736.1	6380.1	5918.6	5221.6	4501.2	3753.1	2944.1
20°	9201.3	9861.7	10398.8	10669.4	10398.8	9861.7	9201.3	8017.8	6797.9	5530.7	4340.8
17.5°	15251.5	16625.0	17252.4	17355.4	17252.4	16625.0	15251.5	13016.4	11139.9	8990.6	6619.0
15°	24252.3	26576.5	28052.0	29002.1	28052.0	26576.5	24252.3	20434.7	16876.9	13508.3	9812.1
12.5°	34522.0	41126.3	44884.3	46317.1	44884.3	41126.3	34522.0	28502.4	22719.7	17642.8	13014.6
10°	48460.3	64007.9	72976.4	77489.4	72976.4	64007.9	48460.3	38613.1	29368.9	21855.6	15705.4
7.5°	72116.8	96130.4	122736.4	135045.5	122736.4	96130.4	72116.8	49296.8	36361.8	26408.1	18719.3
5°	96985.6	149709.5	195985.8	218145.9	195985.8	149709.5	96985.6	65711.3	43790.2	30454.1	21358.5
2.5°	125568.2	196671.5	262412.2	290054.7	262412.2	196671.5	125568.2	77722.0	49282.2	32862.5	22851.6
0°	136568.7	219392.8	291291.4	318423.2	291291.4	219392.8	136568.7	80306.8	50273.4	33726.8	23124.8
-2.5°	127268.8	200116.2	263541.7	294543.4	263541.7	200116.2	127268.8	77419.9	49730.3	33694.3	23343.1
-5°	101121.6	150534.7	197507.3	222769.5	197507.3	150534.7	101121.6	68138.8	45453.2	31661.6	22121.7
-7.5°	74217.0	101116.9	127203.8	136326.1	127203.8	101116.9	74217.0	52483.5	38433.6	27961.9	20098.1
-10°	51671.4	67075.2	77243.3	80145.0	77243.3	67075.2	51671.4	41268.5	31722.6	23962.3	17426.6
-12.5°	38309.1	45046.8	49734.7	50549.8	49734.7	45046.8	38309.1	31872.8	25276.6	19826.4	14989.1
-15°	28367.0	31793.3	34211.1	34373.9	34211.1	31793.3	28367.0	24472.1	20059.4	15921.4	12041.0
-17.5°	20736.4	23036.3	24256.5	24169.5	24256.5	23036.3	20736.4	17950.6	15335.7	12185.2	9333.6
-20°	14827.7	16214.0	17197.2	17004.9	17197.2	16214.0	14827.7	12972.7	11166.3	8951.2	7069.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627678 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10338.9	11259.2	11835.3	11687.1	11835.3	11259.2	10338.9	9065.5	7813.9	6542.5	5166.4
-25°	7025.1	7526.5	7811.9	7764.4	7811.9	7526.5	7025.1	6299.2	5440.3	4666.3	3759.3
-27.5°	4787.2	5052.1	5140.5	5135.9	5140.5	5052.1	4787.2	4345.1	3753.7	3363.2	2886.1
-30°	3322.7	3500.8	3602.5	3538.5	3602.5	3500.8	3322.7	3093.8	2785.9	2534.7	2259.5
-32.5°	2476.5	2576.9	2635.0	2574.7	2635.0	2576.9	2476.5	2350.2	2186.8	2010.2	1818.9
-35°	1951.7	2002.5	2022.9	1988.3	2022.9	2002.5	1951.7	1874.0	1768.7	1649.8	1517.3
-37.5°	1591.2	1621.0	1631.1	1610.9	1631.1	1621.0	1591.2	1544.8	1481.0	1403.7	1316.2
-40°	1348.3	1366.5	1371.0	1354.7	1371.0	1366.5	1348.3	1320.7	1282.0	1234.8	1173.5
-42.5°	1179.7	1190.6	1193.1	1186.2	1193.1	1190.6	1179.7	1162.0	1134.0	1097.6	1056.0
-45°	1054.4	1063.7	1065.4	1058.2	1065.4	1063.7	1054.4	1040.5	1017.1	985.7	948.8
-47.5°	952.8	958.5	960.0	957.1	960.0	958.5	952.8	943.9	926.0	898.7	866.4
-50°	875.1	879.0	879.4	876.2	879.4	879.0	875.1	868.7	854.7	827.9	797.1
-52.5°	810.0	812.7	814.6	815.5	814.6	812.7	810.0	804.9	794.3	769.0	742.0
-55°	755.1	758.7	760.9	761.6	760.9	758.7	755.1	750.1	743.0	719.0	692.4
-57.5°	708.5	711.8	713.7	714.4	713.7	711.8	708.5	704.0	698.2	675.2	649.5
-60°	660.0	663.9	666.5	667.3	666.5	663.9	660.0	654.7	648.2	628.1	604.1
-62.5°	595.8	597.6	599.2	599.9	599.2	597.6	595.8	592.3	587.1	571.3	549.8
-65°	532.8	536.4	538.5	539.2	538.5	536.4	532.8	527.6	520.7	506.7	487.2
-67.5°	464.6	469.3	474.3	478.5	474.3	469.3	464.6	458.6	451.2	439.4	422.6
-70°	402.8	408.7	410.6	411.1	410.6	408.7	402.8	395.9	388.0	377.6	363.3
-72.5°	342.9	348.5	353.2	357.2	353.2	348.5	342.9	336.5	329.2	320.2	307.9
-75°	282.9	288.1	289.4	289.8	289.4	288.1	282.9	276.9	270.3	262.3	251.4
-77.5°	223.0	227.9	228.9	229.2	228.9	227.9	223.0	217.7	212.0	205.7	197.6
-80°	164.9	167.6	171.6	175.2	171.6	167.6	164.9	162.0	158.7	155.0	149.3
-82.5°	113.5	114.1	114.5	114.6	114.5	114.1	113.5	112.6	111.3	109.6	104.7
-85°	71.7	73.8	74.0	74.1	74.0	73.8	71.7	69.6	67.4	65.1	62.6
-87.5°	33.4	33.6	33.7	33.7	33.7	33.6	33.4	33.2	32.9	32.5	30.5
-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: P627678 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
65°	1.7	1.2	0.1	0.0	0.0	0.0	0.4	0.0	0.0	0.2	1.8
62.5°	6.8	7.4	7.7	7.0	5.2	3.3	3.9	4.7	3.2	0.6	2.3
60°	25.4	16.1	22.9	25.1	22.1	15.9	16.2	15.1	12.4	9.9	6.6
57.5°	83.0	80.3	65.9	56.9	54.2	48.0	39.6	31.5	27.8	22.4	15.8
55°	114.6	109.9	102.0	91.2	79.0	75.4	68.6	58.8	49.4	38.3	31.0
52.5°	140.8	142.0	137.5	124.5	113.6	106.4	96.9	87.7	76.3	65.5	51.0
50°	201.2	193.5	186.2	178.8	161.7	144.9	133.1	120.3	103.9	91.8	79.6
47.5°	256.9	245.5	237.7	227.8	208.3	190.7	172.1	154.1	133.7	114.5	102.6
45°	304.5	287.9	273.0	260.8	243.9	223.8	207.3	187.2	163.9	141.8	120.9
42.5°	352.9	327.8	307.7	295.3	274.8	254.1	235.5	220.1	194.8	168.9	147.9
40°	417.3	366.8	348.1	343.2	323.8	290.8	275.0	258.1	231.2	197.3	176.8
37.5°	523.4	455.9	422.8	405.4	387.8	353.5	322.8	300.7	276.5	238.3	208.8
35°	673.7	594.4	522.2	485.0	464.1	417.5	377.1	346.6	317.7	281.6	243.4
32.5°	805.6	716.3	630.0	564.9	518.0	475.0	429.8	392.2	354.3	317.4	279.7
30°	998.0	848.8	730.0	638.2	577.9	524.5	476.6	431.2	388.4	349.4	311.5
27.5°	1259.4	1021.3	859.9	730.7	640.9	577.4	522.8	469.8	420.9	379.0	340.2
25°	1643.9	1263.2	1021.9	847.6	717.4	635.9	573.5	512.2	455.2	407.4	374.6
22.5°	2196.2	1676.2	1278.5	974.1	828.9	725.6	633.5	556.4	491.6	449.0	410.1
20°	3147.3	2243.7	1655.9	1265.1	997.7	831.8	706.0	615.4	549.2	494.3	446.0
17.5°	4773.0	3306.9	2144.1	1629.0	1248.5	990.8	809.4	689.0	605.7	539.9	482.3
15°	6765.1	4538.5	2997.2	2098.9	1530.1	1123.2	906.5	762.1	663.7	587.7	518.8
12.5°	8839.7	5710.5	3704.0	2455.8	1731.5	1264.2	1008.3	845.4	721.6	622.3	542.9
10°	10642.1	6914.8	4416.2	2877.5	1959.2	1399.6	1088.9	898.0	756.2	647.1	563.3
7.5°	12633.5	8146.4	5071.8	3186.2	2147.3	1508.2	1143.4	933.3	784.8	667.8	580.2
5°	14108.8	9086.6	5626.3	3467.7	2288.7	1591.1	1185.9	958.5	807.1	684.4	593.5
2.5°	15098.6	9741.3	5974.5	3661.5	2376.1	1654.5	1220.1	982.2	824.5	701.1	608.3
0°	15407.6	9806.7	6241.2	3781.1	2433.1	1712.0	1246.9	1004.3	835.8	714.4	620.1
-2.5°	15501.9	9919.1	6214.6	3807.3	2452.7	1742.7	1258.3	1008.4	844.6	719.4	621.8
-5°	14886.2	9628.5	6075.2	3780.6	2437.9	1742.2	1277.2	1015.7	849.5	721.2	620.3
-7.5°	13804.4	9000.3	5710.5	3609.3	2367.3	1714.4	1290.8	1025.2	854.1	726.4	625.1
-10°	12159.4	7992.5	5143.5	3321.9	2249.7	1661.1	1278.3	1020.0	851.2	725.5	626.2
-12.5°	10504.4	6863.7	4409.1	2919.4	2057.7	1562.6	1230.2	999.2	840.5	718.1	623.3
-15°	8402.8	5744.8	3864.6	2643.3	1884.7	1456.5	1169.4	966.5	822.5	704.7	616.2
-17.5°	6749.1	4660.4	3165.4	2267.1	1717.9	1363.3	1122.1	939.9	801.2	691.2	606.7
-20°	5191.9	3670.6	2680.1	1994.7	1546.2	1248.6	1058.0	900.9	776.8	677.1	597.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627678 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3912.7	2972.8	2224.5	1714.5	1386.3	1159.8	993.7	857.3	747.2	657.0	585.8
-25°	3040.1	2371.1	1860.5	1514.5	1245.2	1062.0	934.2	822.8	723.7	637.1	571.6
-27.5°	2404.3	1925.3	1596.7	1328.3	1130.9	995.7	885.9	787.0	698.4	622.0	557.2
-30°	1946.9	1635.9	1382.7	1181.5	1040.8	927.7	839.3	756.6	674.8	602.7	541.7
-32.5°	1594.8	1403.7	1213.4	1069.0	952.2	865.5	793.5	723.8	646.0	582.8	525.5
-35°	1365.5	1226.6	1091.5	976.3	877.8	811.7	747.7	682.5	619.1	560.3	506.9
-37.5°	1206.0	1092.6	990.8	898.0	824.6	762.5	706.3	648.7	591.1	537.2	487.9
-40°	1081.7	985.3	905.0	834.4	775.6	722.5	671.3	618.2	566.9	512.9	467.3
-42.5°	980.1	904.0	834.5	780.3	730.5	685.2	640.1	593.8	543.6	492.3	444.3
-45°	896.3	836.5	778.4	730.3	687.8	649.6	615.1	568.8	519.6	468.5	419.7
-47.5°	826.1	776.7	728.2	683.4	648.3	615.2	582.0	541.1	489.5	441.3	399.7
-50°	763.7	724.0	682.8	641.6	610.7	580.5	545.5	502.8	458.3	418.6	379.4
-52.5°	713.5	677.6	641.8	607.2	577.1	545.4	507.8	470.9	432.9	395.6	359.6
-55°	662.8	633.5	604.8	576.3	548.0	515.2	480.5	443.8	406.6	371.8	335.0
-57.5°	622.8	595.9	570.1	544.3	518.8	486.5	451.2	415.3	376.9	341.7	307.1
-60°	580.3	557.0	531.4	506.4	482.4	453.6	415.3	378.4	343.0	309.6	276.2
-62.5°	527.5	504.8	482.6	458.4	433.1	404.7	369.8	335.8	305.1	276.0	246.0
-65°	466.9	445.9	424.5	400.7	374.2	344.9	315.2	290.3	266.6	241.9	215.5
-67.5°	404.8	385.9	363.8	339.8	317.0	293.5	272.2	250.8	228.7	206.0	182.2
-70°	348.6	333.5	315.5	294.7	273.0	250.9	230.6	210.7	190.2	171.2	153.0
-72.5°	294.8	280.9	264.7	245.6	226.5	208.1	190.9	174.7	158.7	143.0	126.8
-75°	240.1	228.5	215.7	200.3	184.8	169.3	155.1	141.9	128.4	114.6	100.9
-77.5°	189.3	180.8	171.5	159.3	147.1	135.0	123.0	111.2	100.0	89.7	80.1
-80°	143.2	136.8	129.6	119.9	110.2	100.6	91.1	83.1	75.5	68.5	61.8
-82.5°	99.7	94.6	89.3	82.5	75.7	68.9	62.3	57.4	52.6	47.9	43.4
-85°	59.9	57.2	54.3	50.4	46.6	43.1	39.8	37.1	34.3	31.4	28.5
-87.5°	28.5	26.5	24.5	23.9	23.4	22.8	22.1	20.1	18.1	16.1	14.3
-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: P627678 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.5	1.4	0.4
70°	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.9	2.5	2.8	2.1
67.5°	0.0	0.0	0.0	1.4	2.3	1.9	0.4	1.1	2.7	4.3	3.8
65°	2.3	1.6	0.1	1.7	3.3	4.3	3.3	2.0	3.0	4.5	5.6
62.5°	4.0	5.1	3.8	2.8	3.7	5.3	6.2	4.2	3.5	4.8	6.3
60°	4.4	6.0	6.8	5.3	4.7	5.7	6.7	6.1	4.8	5.0	6.5
57.5°	11.8	7.6	7.6	7.2	6.1	6.2	6.7	6.7	6.0	5.6	6.7
55°	22.0	16.1	11.3	9.1	7.6	6.6	6.9	6.7	6.7	6.2	6.7
52.5°	38.3	27.8	20.4	13.8	10.2	7.6	7.6	6.7	6.7	6.6	6.7
50°	61.0	43.8	32.1	23.1	14.4	11.3	8.7	7.8	6.7	6.7	6.7
47.5°	89.2	65.5	46.9	33.8	23.7	15.3	12.0	9.3	6.7	6.7	6.7
45°	110.0	91.4	65.4	47.3	33.3	23.0	16.2	11.1	8.4	6.9	6.7
42.5°	130.5	113.7	88.9	60.6	45.8	31.7	20.7	14.9	10.2	7.4	7.0
40°	156.8	135.6	111.4	82.6	59.5	40.2	28.1	19.2	12.4	8.6	7.5
37.5°	183.8	160.2	133.7	103.8	75.0	53.3	35.5	23.7	15.6	10.9	8.2
35°	214.1	185.8	155.9	124.0	93.5	66.8	42.8	29.1	19.9	13.4	9.0
32.5°	244.8	210.3	176.5	143.7	110.7	80.7	53.0	36.0	24.0	16.0	9.9
30°	274.5	234.6	195.4	162.5	127.0	95.5	65.8	43.6	27.9	18.8	11.2
27.5°	301.5	258.4	213.8	179.2	143.4	109.3	78.7	51.8	31.7	21.7	13.4
25°	329.7	282.6	234.8	194.1	158.9	123.3	90.6	60.5	37.4	24.9	15.6
22.5°	361.9	307.1	255.0	207.6	175.1	136.9	102.0	70.8	44.2	28.0	17.8
20°	396.4	331.3	275.3	226.7	190.3	150.9	113.4	80.3	51.0	30.9	19.9
17.5°	431.7	357.8	299.9	248.6	205.4	163.9	124.2	89.0	58.0	33.6	22.0
15°	455.7	384.4	322.0	268.9	220.4	176.0	134.4	96.8	64.8	36.1	24.1
12.5°	475.7	407.3	341.5	287.8	235.3	187.0	143.9	103.9	71.4	39.5	26.2
10°	493.5	426.6	358.4	305.1	249.7	197.0	152.7	110.1	77.6	43.8	28.0
7.5°	508.7	442.5	373.1	320.8	263.4	207.1	160.0	115.6	83.0	48.3	29.7
5°	521.5	456.2	385.2	330.9	276.1	217.7	166.1	120.4	87.5	52.6	31.2
2.5°	531.7	468.7	395.7	338.2	287.2	227.4	171.2	124.6	91.3	56.8	32.6
0°	539.2	478.5	404.4	343.7	296.6	235.9	175.2	128.1	94.4	60.7	33.7
-2.5°	544.1	480.1	413.7	350.1	302.2	243.0	183.4	132.4	96.9	64.2	35.7
-5°	546.2	480.0	420.7	355.0	306.3	248.6	190.3	136.0	98.8	67.1	37.6
-7.5°	549.2	482.2	424.4	358.8	309.0	253.0	195.5	138.7	100.3	69.5	39.2
-10°	550.4	484.5	425.3	363.6	311.3	256.1	199.0	140.3	101.4	71.3	40.7
-12.5°	548.8	484.3	425.1	366.2	312.3	257.9	200.8	143.0	102.4	72.4	41.9
-15°	544.5	481.4	424.1	366.5	312.2	258.6	201.3	145.4	104.4	72.6	43.0
-17.5°	537.8	475.9	422.5	364.3	310.9	258.2	200.7	146.5	105.5	72.1	44.0
-20°	531.1	470.7	420.2	359.5	308.6	256.8	199.0	146.3	105.5	71.1	44.9

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Scaled Data Report



REPORT NUMBER: P627678 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	522.3	465.9	412.8	354.6	305.2	254.4	196.2	144.6	104.3	69.5	45.4
-25°	511.3	458.6	404.3	350.7	301.0	249.7	193.0	141.4	101.8	67.3	45.7
-27.5°	500.2	448.8	395.3	345.5	295.1	243.9	188.6	138.4	98.4	64.7	45.5
-30°	487.3	437.7	387.4	338.3	286.9	235.7	182.4	133.8	94.8	63.3	45.0
-32.5°	473.3	426.5	378.5	327.4	276.6	226.5	174.6	127.4	90.6	62.5	44.5
-35°	459.1	414.0	367.8	313.9	265.5	216.6	166.6	119.3	85.8	61.2	43.9
-37.5°	442.4	398.6	350.4	299.4	253.7	206.0	159.1	114.7	80.4	59.4	43.1
-40°	423.4	379.7	330.6	285.8	241.3	194.7	151.0	110.5	76.9	57.2	42.1
-42.5°	402.2	358.5	314.6	271.8	228.2	185.1	142.7	105.2	75.4	55.4	40.8
-45°	380.3	339.3	299.7	257.5	215.1	175.1	135.7	99.5	73.1	53.7	39.6
-47.5°	359.9	323.1	283.4	242.0	203.6	164.9	127.5	95.7	69.9	51.9	38.2
-50°	342.6	305.3	265.6	226.4	190.2	154.4	119.0	90.7	67.3	49.9	36.6
-52.5°	322.8	285.0	246.2	209.1	175.8	142.7	111.8	84.8	63.5	47.4	34.6
-55°	299.1	261.7	224.5	192.0	160.9	131.6	103.3	78.6	58.8	44.6	32.3
-57.5°	271.4	235.2	204.6	175.0	145.9	119.2	93.8	71.2	54.5	41.4	29.7
-60°	243.1	213.6	185.7	156.9	130.0	105.8	83.1	63.8	50.1	37.8	26.8
-62.5°	217.8	190.9	163.4	137.0	113.5	91.7	72.0	58.1	45.4	33.9	23.7
-65°	189.4	164.0	139.4	117.7	96.9	78.5	64.6	51.8	40.2	29.7	20.9
-67.5°	158.9	138.6	117.9	98.2	82.8	69.3	56.8	45.2	34.7	25.2	19.2
-70°	134.3	115.3	98.4	84.3	71.5	59.5	48.4	38.2	28.8	22.5	17.3
-72.5°	110.9	96.2	82.8	70.8	59.7	49.3	39.7	31.3	25.1	19.7	15.3
-75°	88.3	77.7	67.2	56.9	47.5	39.0	32.6	26.3	21.2	16.7	13.3
-77.5°	70.8	61.3	51.7	44.3	38.6	32.7	26.8	21.2	17.5	14.5	11.5
-80°	54.4	47.8	42.1	37.0	31.7	26.4	21.8	17.9	15.1	12.4	9.6
-82.5°	39.1	35.6	32.6	29.6	25.5	21.7	18.2	15.1	12.7	10.2	7.5
-85°	26.7	25.0	23.5	22.1	19.3	16.8	13.9	11.4	9.0	6.9	5.0
-87.5°	13.6	13.0	12.3	11.6	9.9	8.4	7.0	5.7	4.5	3.4	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5D-727-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.7	0.0
75°	0.2	0.6	0.1	0.0	0.1	0.9	0.0
72.5°	0.3	1.0	0.7	0.0	0.2	1.1	0.0
70°	0.8	1.5	1.4	0.1	0.3	1.2	0.0
67.5°	2.4	2.1	2.0	0.8	0.4	1.4	0.0
65°	3.9	2.9	2.7	1.5	0.5	1.5	0.0
62.5°	5.3	3.8	3.4	2.1	0.7	1.7	0.0
60°	6.6	4.7	4.2	2.8	0.9	1.9	0.0
57.5°	6.7	5.5	4.7	3.5	1.5	2.1	0.0
55°	6.7	6.2	5.2	4.3	2.0	2.3	0.0
52.5°	6.7	6.7	5.6	5.0	2.5	2.5	0.0
50°	6.7	6.7	5.9	5.7	3.0	2.7	0.0
47.5°	6.7	6.7	6.2	6.3	3.5	2.9	0.0
45°	6.7	6.7	6.4	6.5	3.9	3.1	0.0
42.5°	6.7	6.7	6.6	6.7	4.3	3.3	0.0
40°	6.7	6.7	6.7	6.7	4.7	3.5	0.0
37.5°	6.7	6.7	6.7	6.7	5.0	3.7	0.0
35°	6.7	6.7	6.7	6.7	5.3	3.9	0.0
32.5°	6.9	6.7	6.7	6.7	5.6	4.1	0.0
30°	7.6	6.7	6.7	6.7	5.8	4.4	0.0
27.5°	8.4	6.7	6.7	6.7	6.0	4.6	0.0
25°	9.2	6.7	6.7	6.7	6.2	4.8	0.0
22.5°	10.0	6.8	6.7	6.7	6.3	5.0	0.0
20°	10.9	7.3	6.7	6.7	6.4	5.2	0.0
17.5°	12.1	7.9	6.7	6.7	6.5	5.4	0.0
15°	13.5	8.6	6.7	6.7	6.6	5.6	0.0
12.5°	14.8	9.4	6.7	6.7	6.6	5.8	0.0
10°	16.0	10.2	6.7	6.7	6.7	6.0	0.0
7.5°	17.2	11.0	6.7	6.7	6.7	6.2	0.0
5°	18.3	11.9	6.7	6.7	6.7	6.4	0.0
2.5°	19.3	12.7	6.7	6.7	6.7	6.5	0.0
0°	20.2	13.5	6.7	6.7	6.7	6.7	0.0
-2.5°	22.0	14.2	7.3	6.7	6.7	6.7	0.0
-5°	23.6	14.9	7.9	6.7	6.7	6.7	0.0
-7.5°	25.1	15.4	8.4	6.7	6.7	6.6	0.0
-10°	26.4	15.9	8.9	6.7	6.7	6.6	0.0
-12.5°	27.5	16.4	9.4	6.7	6.7	6.5	0.0
-15°	28.4	16.7	9.8	6.7	6.7	6.5	0.0
-17.5°	29.0	17.0	10.1	6.7	6.7	6.4	0.0
-20°	29.3	17.3	10.3	6.7	6.7	6.3	0.0

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Scaled Data Report



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	29.7	17.4	10.3	6.7	6.7	6.2	0.0
-25°	29.9	17.9	10.3	6.7	6.7	6.1	0.0
-27.5°	29.9	18.3	10.1	6.7	6.7	5.9	0.0
-30°	29.7	18.6	9.9	6.7	6.7	5.8	0.0
-32.5°	29.4	18.8	9.9	6.7	6.7	5.7	0.0
-35°	29.3	18.7	9.7	6.7	6.7	5.5	0.0
-37.5°	29.2	18.5	9.5	6.7	6.7	5.3	0.0
-40°	28.9	18.2	9.1	6.7	6.7	5.1	0.0
-42.5°	28.2	17.6	9.1	6.8	6.7	4.9	0.0
-45°	27.4	16.9	9.3	6.9	6.7	4.7	0.0
-47.5°	26.3	16.0	9.5	7.1	6.7	4.5	0.0
-50°	24.9	14.9	9.5	7.2	6.7	4.3	0.0
-52.5°	23.3	13.7	9.6	7.2	6.7	4.1	0.0
-55°	21.5	13.3	9.5	7.3	6.7	3.8	0.0
-57.5°	19.5	13.0	9.4	7.3	6.7	3.6	0.0
-60°	17.4	12.6	9.2	7.2	6.7	3.3	0.0
-62.5°	16.6	12.1	8.9	7.1	6.2	3.1	0.0
-65°	15.5	11.4	8.6	7.0	5.7	2.8	0.0
-67.5°	14.4	10.7	8.2	6.9	5.1	2.6	0.0
-70°	13.1	9.9	7.8	6.7	4.6	2.3	0.0
-72.5°	11.7	9.0	7.3	6.0	4.0	2.0	0.0
-75°	10.2	8.1	6.8	5.2	3.5	1.7	0.0
-77.5°	8.6	7.1	5.8	4.3	2.9	1.4	0.0
-80°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
-82.5°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
-85°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
-87.5°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)