

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: P627578 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627578 (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: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5B-735-U-NR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (80) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

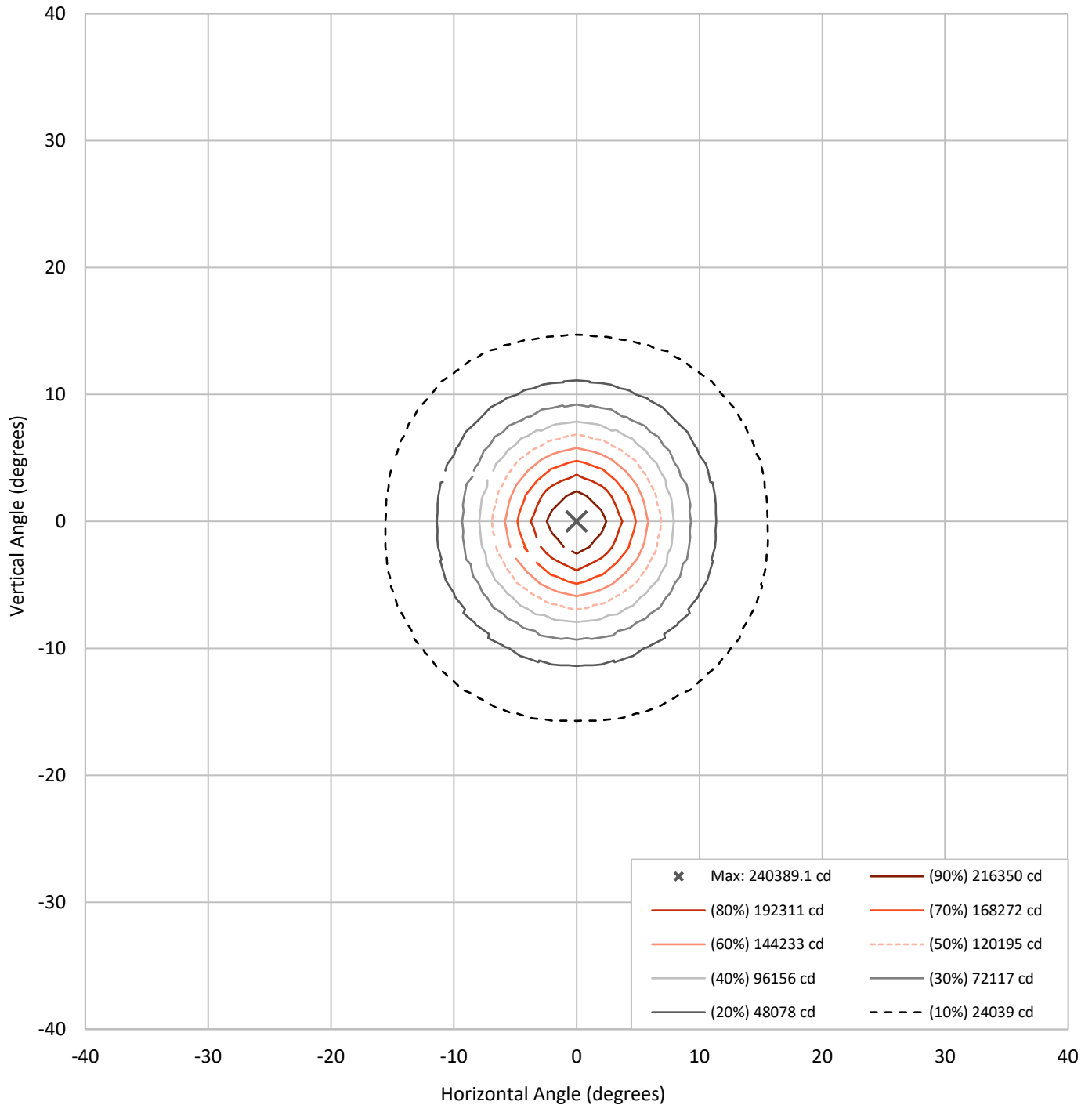
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	23714.9 lumens	Max Intensity:	240389.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	149.4 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:	7570.9 lumens	Field Lumens:	16862.8 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
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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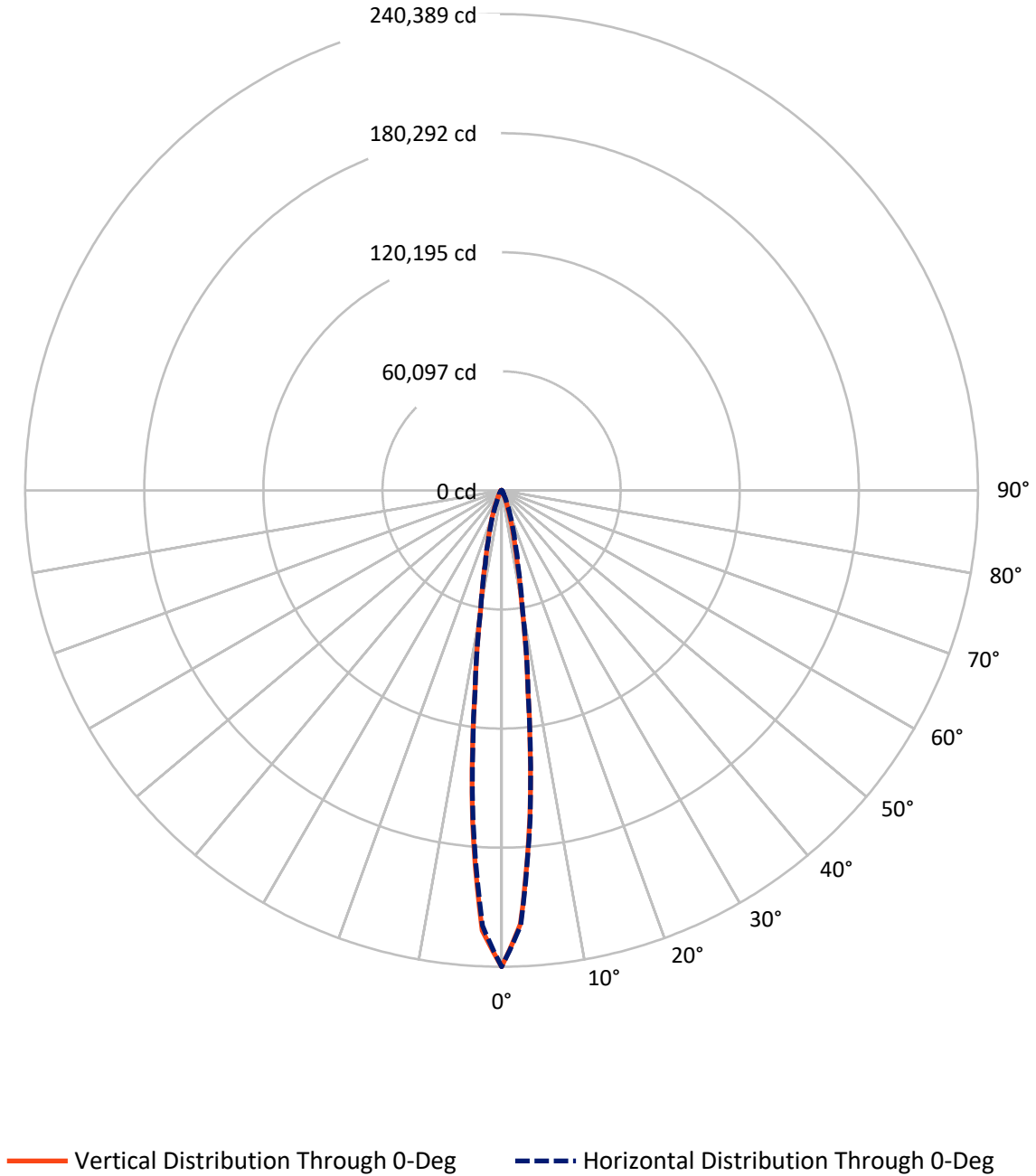
CATALOG NUMBER: GFLD-SA5B-735-U-NR-VSR-XX

### Lumen Table

90																			
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				
70																			
60	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1				
50		0.1	0.2	0.6	1.3	2.1	2.8	3.4	3.4	2.8	2.1	1.3	0.6	0.2		0.1			
40	0.1	0.1	0.7	2.1	3.9	5.7	8.0	9.4	9.4	8.0	5.7	3.9	2.1	0.7	0.1				
30		0.3	1.7	4.0	7.2	11.3	19.3	24.6	24.6	19.3	11.3	7.2	4.0	1.7	0.3				
20	0.2	0.7	2.6	6.1	11.1	24.1	64.4	106.7	106.7	64.4	24.1	11.1	6.1	2.6	0.7				
10		1.0	3.6	8.4	18.3	72.1	304.0	668.2	668.2	304.0	72.1	18.3	8.4	3.6	1.0				
0	0.4	1.3	4.4	9.9	24.9	135.4	728.4	3266.9	3266.9	728.4	135.4	24.9	9.9	4.4	1.3				
-10		1.5	4.8	10.5	26.8	144.2	754.0	3322.3	3322.3	754.0	144.2	26.8	10.5	4.8	1.5				
-20	0.5	1.5	4.9	10.3	23.5	91.8	366.0	782.9	782.9	366.0	91.8	23.5	10.3	4.9	1.5				
-30		1.5	4.7	9.4	18.1	42.9	112.8	188.0	188.0	112.8	42.9	18.1	9.4	4.7	1.5				
-40	0.4	1.3	4.2	8.3	14.2	23.5	38.3	48.7	48.7	38.3	23.5	14.2	8.3	4.2	1.3				
-50		1.1	3.4	6.9	11.5	16.5	22.1	24.7	24.7	22.1	16.5	11.5	6.9	3.4	1.1				
-60	0.3	0.8	2.6	5.4	9.0	12.6	16.0	17.4	17.4	16.0	12.6	9.0	5.4	2.6	0.8				
-70		0.5	1.6	3.5	6.1	8.8	11.1	12.2	12.2	11.1	8.8	6.1	3.5	1.6	0.5				
-80	0.1	1.4	6.0	13.1	16.6	13.1	6.0	1.4	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

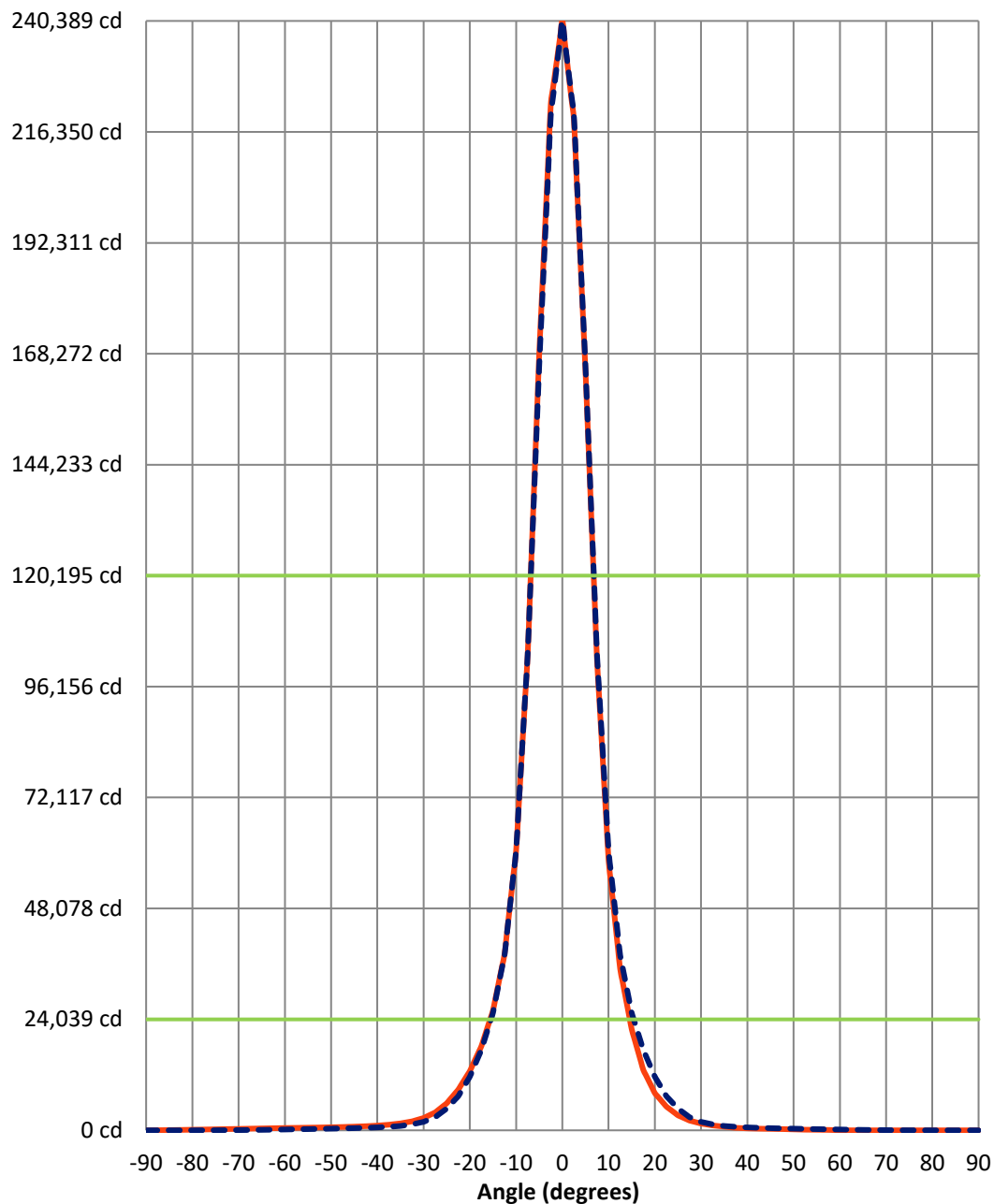
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 7570.9  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 16862.8  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 6852.1  
 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.6	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.7	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.4	0.2
72.5°	0.0	0.8	0.1	0.0	0.5	0.8	0.3	0.3	1.1	1.1	0.5
70°	0.0	0.9	0.2	0.1	1.0	1.2	0.6	1.6	2.1	1.9	0.7
67.5°	0.0	1.0	0.3	0.6	1.5	1.6	1.8	2.9	3.3	2.1	0.9
65°	0.0	1.2	0.4	1.1	2.1	2.2	2.9	4.2	3.4	2.3	1.5
62.5°	0.0	1.3	0.5	1.6	2.6	2.9	4.0	4.8	3.6	2.6	3.2
60°	0.0	1.4	0.7	2.2	3.2	3.6	5.0	5.0	3.8	3.7	4.7
57.5°	0.0	1.6	1.1	2.7	3.6	4.2	5.1	5.1	4.3	4.5	5.1
55°	0.0	1.7	1.5	3.2	3.9	4.7	5.1	5.1	4.7	5.1	5.1
52.5°	0.0	1.9	1.9	3.8	4.2	5.1	5.1	5.1	5.0	5.1	5.1
50°	0.0	2.0	2.3	4.4	4.5	5.1	5.1	5.1	5.1	5.1	5.9
47.5°	0.0	2.2	2.7	4.8	4.7	5.1	5.1	5.1	5.1	5.1	7.1
45°	0.0	2.3	3.0	5.0	4.9	5.1	5.1	5.1	5.3	6.3	8.4
42.5°	0.0	2.5	3.3	5.1	5.0	5.1	5.1	5.3	5.6	7.8	11.3
40°	0.0	2.7	3.6	5.1	5.1	5.1	5.1	5.7	6.5	9.4	14.5
37.5°	0.0	2.8	3.8	5.1	5.1	5.1	5.1	6.2	8.3	11.8	17.9
35°	0.0	3.0	4.0	5.1	5.1	5.1	5.1	6.8	10.2	15.0	22.0
32.5°	0.0	3.1	4.2	5.1	5.1	5.1	5.3	7.5	12.1	18.1	27.2
30°	0.0	3.3	4.4	5.1	5.1	5.1	5.8	8.5	14.2	21.1	32.9
27.5°	0.0	3.5	4.6	5.1	5.1	5.1	6.4	10.1	16.4	24.0	39.1
25°	0.0	3.6	4.7	5.1	5.1	5.1	7.0	11.8	18.8	28.2	45.7
22.5°	0.0	3.8	4.8	5.1	5.1	5.2	7.6	13.4	21.1	33.3	53.5
20°	0.0	4.0	4.9	5.1	5.1	5.6	8.2	15.0	23.3	38.5	60.6
17.5°	0.0	4.1	5.0	5.1	5.1	6.0	9.2	16.6	25.3	43.8	67.2
15°	0.0	4.3	5.0	5.1	5.1	6.5	10.2	18.2	27.2	48.9	73.1
12.5°	0.0	4.4	5.0	5.1	5.1	7.1	11.2	19.8	29.8	54.0	78.4
10°	0.0	4.6	5.1	5.1	5.1	7.7	12.1	21.2	33.1	58.6	83.1
7.5°	0.0	4.7	5.1	5.1	5.1	8.4	13.0	22.4	36.4	62.6	87.3
5°	0.0	4.9	5.1	5.1	5.1	9.0	13.8	23.5	39.7	66.0	90.9
2.5°	0.0	5.0	5.1	5.1	5.1	9.6	14.6	24.5	42.9	68.9	94.1
0°	0.0	5.1	5.1	5.1	5.1	10.2	15.3	25.4	45.8	71.2	96.7
-2.5°	0.0	5.1	5.1	5.1	5.5	10.7	16.6	26.9	48.4	73.1	100.0
-5°	0.0	5.1	5.1	5.1	6.0	11.2	17.9	28.3	50.7	74.6	102.6
-7.5°	0.0	5.1	5.1	5.1	6.4	11.7	19.0	29.6	52.5	75.7	104.6
-10°	0.0	5.0	5.1	5.1	6.8	12.1	20.0	30.7	53.8	76.5	105.9
-12.5°	0.0	5.0	5.1	5.1	7.1	12.4	20.8	31.6	54.6	77.3	107.9
-15°	0.0	4.9	5.1	5.1	7.4	12.7	21.4	32.4	54.8	78.9	109.7
-17.5°	0.0	4.9	5.1	5.1	7.6	12.9	21.9	33.2	54.5	79.7	110.6
-20°	0.0	4.8	5.1	5.1	7.8	13.1	22.1	33.9	53.7	79.6	110.4

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CATALOG NUMBER: GFLD-SA5B-735-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.7	5.1	5.1	7.8	13.2	22.4	34.3	52.4	78.7	109.1
-25°	0.0	4.6	5.1	5.1	7.8	13.5	22.6	34.4	50.8	76.9	106.7
-27.5°	0.0	4.5	5.1	5.1	7.7	13.8	22.6	34.3	48.8	74.3	104.5
-30°	0.0	4.4	5.1	5.1	7.5	14.1	22.5	33.9	47.8	71.6	101.0
-32.5°	0.0	4.3	5.1	5.1	7.5	14.2	22.2	33.6	47.2	68.4	96.2
-35°	0.0	4.2	5.1	5.1	7.4	14.1	22.2	33.1	46.2	64.7	90.1
-37.5°	0.0	4.0	5.1	5.1	7.2	14.0	22.1	32.5	44.9	60.7	86.6
-40°	0.0	3.9	5.1	5.1	6.9	13.7	21.8	31.7	43.1	58.1	83.4
-42.5°	0.0	3.8	5.1	5.2	6.9	13.3	21.3	30.8	41.8	56.9	79.5
-45°	0.0	3.6	5.1	5.3	7.1	12.8	20.7	29.9	40.5	55.2	75.1
-47.5°	0.0	3.4	5.1	5.4	7.2	12.1	19.8	28.8	39.2	52.8	72.2
-50°	0.0	3.3	5.1	5.5	7.2	11.3	18.8	27.6	37.7	50.8	68.5
-52.5°	0.0	3.1	5.1	5.5	7.3	10.4	17.6	26.1	35.8	48.0	64.0
-55°	0.0	2.9	5.1	5.5	7.2	10.1	16.3	24.3	33.6	44.4	59.4
-57.5°	0.0	2.7	5.1	5.5	7.1	9.9	14.8	22.4	31.2	41.1	53.8
-60°	0.0	2.5	5.1	5.5	7.0	9.5	13.2	20.3	28.5	37.8	48.2
-62.5°	0.0	2.4	4.7	5.4	6.8	9.1	12.6	17.9	25.6	34.2	43.9
-65°	0.0	2.2	4.3	5.3	6.5	8.7	11.8	15.8	22.4	30.3	39.1
-67.5°	0.0	2.0	3.9	5.2	6.2	8.1	10.9	14.5	19.0	26.2	34.1
-70°	0.0	1.7	3.5	5.1	5.9	7.5	9.9	13.1	17.0	21.7	28.8
-72.5°	0.0	1.5	3.1	4.6	5.6	6.8	8.8	11.5	14.9	18.9	23.6
-75°	0.0	1.3	2.6	3.9	5.2	6.1	7.7	10.1	12.7	16.0	19.9
-77.5°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	8.7	11.0	13.3	16.0
-80°	0.0	0.9	1.8	2.6	3.5	4.4	5.3	7.3	9.4	11.4	13.5
-82.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	5.7	7.7	9.6	11.5
-85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.8	5.2	6.8	8.6
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.9	2.6	3.4	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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**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	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.5	1.7	1.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.5	3.3	2.5	1.3	0.1	1.2	1.7	1.4	0.2	0.0	0.0
62.5°	4.7	4.0	2.8	2.1	2.9	3.9	3.0	1.7	0.5	2.5	3.6
60°	5.1	4.3	3.6	4.0	5.2	4.6	3.3	5.0	7.5	9.4	11.4
57.5°	5.1	4.7	4.6	5.5	5.8	5.8	9.0	12.0	16.9	21.0	23.8
55°	5.2	5.0	5.8	6.9	8.6	12.2	16.6	23.4	28.9	37.3	44.4
52.5°	5.8	5.8	7.8	10.4	15.4	21.0	28.9	38.5	49.4	57.6	66.2
50°	6.6	8.5	10.9	17.5	24.3	33.1	46.0	60.0	69.3	78.5	90.9
47.5°	9.1	11.6	17.9	25.5	35.4	49.4	67.3	77.4	86.5	100.9	116.3
45°	12.2	17.3	25.1	35.7	49.3	69.0	83.1	91.3	107.0	123.7	141.3
42.5°	15.6	23.9	34.6	45.7	67.1	85.8	98.6	111.7	127.5	147.0	166.1
40°	21.2	30.3	44.9	62.4	84.1	102.4	118.3	133.4	149.0	174.5	194.9
37.5°	26.8	40.2	56.6	78.3	101.0	120.9	138.7	157.7	179.9	208.7	227.0
35°	32.3	50.4	70.5	93.6	117.7	140.2	161.6	183.8	212.6	239.9	261.7
32.5°	40.0	60.9	83.5	108.5	133.2	158.8	184.8	211.2	239.6	267.5	296.1
30°	49.6	72.1	95.9	122.7	147.5	177.1	207.3	235.2	263.8	293.2	325.5
27.5°	59.4	82.5	108.3	135.3	161.4	195.1	227.6	256.8	286.1	317.8	354.7
25°	68.3	93.1	120.0	146.5	177.2	213.4	249.0	282.8	307.6	343.6	386.7
22.5°	77.0	103.3	132.2	156.7	192.5	231.8	273.2	309.6	339.0	371.2	420.0
20°	85.6	113.9	143.7	171.1	207.8	250.1	299.2	336.7	373.2	414.7	464.5
17.5°	93.7	123.7	155.0	187.6	226.4	270.1	325.9	364.1	407.7	457.3	520.1
15°	101.4	132.9	166.4	203.0	243.1	290.2	344.0	391.6	443.7	501.0	575.3
12.5°	108.6	141.2	177.6	217.3	257.8	307.5	359.1	409.8	469.8	544.7	638.2
10°	115.3	148.7	188.5	230.3	270.6	322.0	372.5	425.3	488.5	570.9	677.9
7.5°	120.7	156.3	198.8	242.1	281.6	334.1	384.1	438.0	504.2	592.5	704.5
5°	125.4	164.3	208.4	249.8	290.8	344.4	393.8	448.1	516.7	609.4	723.6
2.5°	129.2	171.7	216.8	255.3	298.7	353.9	401.5	459.2	529.4	622.4	741.5
0°	132.3	178.1	223.9	259.5	305.3	361.3	407.1	468.1	539.4	630.9	758.1
-2.5°	138.5	183.4	228.1	264.3	312.3	362.5	410.8	469.4	543.1	637.5	761.2
-5°	143.6	187.6	231.2	268.0	317.5	362.4	412.3	468.3	544.4	641.3	766.8
-7.5°	147.6	190.9	233.2	270.9	320.3	364.1	414.6	471.9	548.4	644.8	774.0
-10°	150.2	193.3	234.9	274.5	321.1	365.8	415.5	472.8	547.7	642.6	770.0
-12.5°	151.5	194.7	235.7	276.5	320.9	365.6	414.3	470.5	542.1	634.5	754.3
-15°	152.0	195.2	235.6	276.7	320.1	363.4	411.1	465.2	532.0	620.9	729.6
-17.5°	151.5	194.9	234.7	275.0	319.0	359.3	406.0	458.1	521.8	604.9	709.6
-20°	150.2	193.8	232.9	271.4	317.3	355.4	400.9	451.2	511.2	586.5	680.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627578 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	148.1	192.0	230.4	267.7	311.7	351.8	394.3	442.3	496.1	564.1	647.2
-25°	145.6	188.4	227.2	264.8	305.3	346.3	386.0	431.5	481.0	546.4	621.2
-27.5°	142.4	184.1	222.7	260.8	298.5	338.8	377.7	420.7	469.6	527.3	594.2
-30°	137.7	177.9	216.5	255.3	292.5	330.4	367.9	408.9	455.0	509.4	571.2
-32.5°	131.7	171.0	208.8	247.1	285.8	322.0	357.3	396.7	440.0	487.7	546.4
-35°	125.7	163.5	200.4	236.9	277.6	312.6	346.6	382.7	423.0	467.4	515.2
-37.5°	120.1	155.5	191.5	226.0	264.5	300.9	334.0	368.4	405.6	446.3	489.8
-40°	114.0	147.0	182.1	215.7	249.5	286.6	319.7	352.8	387.2	428.0	466.7
-42.5°	107.7	139.7	172.3	205.2	237.5	270.6	303.6	335.4	371.7	410.3	448.3
-45°	102.4	132.2	162.4	194.4	226.2	256.2	287.1	316.8	353.7	392.3	429.4
-47.5°	96.3	124.5	153.7	182.7	213.9	243.9	271.7	301.8	333.2	369.6	408.4
-50°	89.9	116.6	143.6	170.9	200.5	230.4	258.7	286.4	316.0	346.0	379.6
-52.5°	84.4	107.8	132.8	157.9	185.8	215.2	243.6	271.4	298.6	326.8	355.5
-55°	78.0	99.4	121.5	145.0	169.5	197.5	225.8	252.9	280.7	307.0	335.0
-57.5°	70.8	90.0	110.2	132.2	154.5	177.5	204.9	231.9	258.0	284.6	313.5
-60°	62.7	79.9	98.2	118.5	140.2	161.3	183.5	208.5	233.7	258.9	285.6
-62.5°	54.4	69.3	85.8	103.5	123.4	144.1	164.4	185.7	208.4	230.3	253.5
-65°	48.8	59.3	73.2	88.9	105.3	123.8	143.0	162.7	182.6	201.2	219.1
-67.5°	42.9	52.4	62.5	74.2	89.0	104.7	120.0	137.6	155.5	172.6	189.3
-70°	36.5	45.0	54.0	63.7	74.2	87.0	101.4	115.5	129.3	143.6	159.1
-72.5°	29.9	37.2	45.1	53.5	62.5	72.6	83.7	95.7	108.0	119.8	131.9
-75°	24.6	29.4	35.8	42.9	50.7	58.7	66.7	76.1	86.5	96.9	107.1
-77.5°	20.2	24.7	29.1	33.4	39.0	46.3	53.4	60.4	67.7	75.5	83.9
-80°	16.5	19.9	23.9	27.9	31.7	36.1	41.1	46.7	51.8	57.0	62.7
-82.5°	13.8	16.4	19.2	22.3	24.6	26.9	29.5	32.8	36.2	39.7	43.3
-85°	10.5	12.7	14.6	16.7	17.8	18.9	20.2	21.6	23.7	25.9	28.0
-87.5°	5.3	6.4	7.5	8.8	9.3	9.8	10.3	10.8	12.2	13.7	15.2
-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: P627578 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-735-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°	0.3	0.0	0.0	0.0	0.1	0.9	1.3	1.1	0.5	0.0	0.0
62.5°	3.0	2.5	3.9	5.3	5.8	5.6	5.2	4.6	4.0	3.7	4.2
60°	12.2	12.0	16.7	19.0	17.3	12.2	19.2	22.6	21.7	18.6	18.5
57.5°	29.9	36.3	40.9	43.0	49.7	60.6	62.7	59.1	57.8	58.9	68.1
55°	51.8	57.0	59.7	68.9	77.0	83.0	86.5	90.0	95.2	101.6	108.2
52.5°	73.2	80.3	85.8	94.0	103.9	107.3	106.4	118.9	128.8	135.0	137.6
50°	100.5	109.4	122.1	135.0	140.6	146.1	151.9	162.2	177.3	196.0	206.8
47.5°	129.9	143.9	157.3	172.1	179.5	185.3	193.9	211.9	233.4	253.6	264.1
45°	156.4	168.9	184.1	196.9	206.1	217.4	229.9	246.1	270.2	291.3	305.8
42.5°	177.8	191.8	207.4	222.9	232.2	247.4	266.4	288.6	313.7	335.6	351.8
40°	207.6	219.5	244.4	259.1	262.8	277.0	315.0	345.3	373.7	400.6	414.1
37.5°	243.7	266.9	292.8	306.1	319.2	344.2	395.2	444.0	480.2	516.7	536.7
35°	284.7	315.2	350.4	366.1	394.3	448.8	508.6	576.5	661.1	696.5	728.8
32.5°	324.5	358.6	391.1	426.4	475.6	540.7	608.1	718.3	821.3	900.9	959.2
30°	359.8	396.0	436.3	481.8	551.1	640.8	753.4	896.0	1041.1	1167.7	1274.8
27.5°	394.7	435.8	483.8	551.7	649.2	771.0	950.8	1154.2	1396.4	1574.8	1787.8
25°	433.0	480.0	541.6	639.9	771.5	953.6	1241.0	1571.4	1968.4	2290.4	2627.3
22.5°	478.3	547.8	625.8	735.4	965.2	1265.4	1658.0	2222.6	2833.4	3398.1	3941.9
20°	533.0	628.0	753.2	955.0	1250.0	1693.9	2376.0	3277.0	4175.3	5131.9	6052.9
17.5°	611.1	748.0	942.5	1229.8	1618.6	2496.5	3603.3	4996.9	6787.4	8409.9	9826.6
15°	684.3	847.9	1155.1	1584.6	2262.7	3426.3	5107.3	7407.5	10197.9	12741.0	15426.9
12.5°	761.2	954.4	1307.2	1854.0	2796.3	4311.1	6673.4	9825.2	13319.2	17151.9	21517.5
10°	822.1	1056.7	1479.1	2172.3	3333.9	5220.2	8034.2	11856.5	16499.6	22171.7	29150.5
7.5°	863.2	1138.6	1621.1	2405.4	3828.9	6150.0	9537.4	14131.8	19936.4	27450.8	37216.0
5°	895.3	1201.2	1727.8	2617.9	4247.5	6859.8	10651.2	16124.3	22990.9	33058.8	49607.9
2.5°	921.1	1249.1	1793.8	2764.2	4510.3	7354.0	11398.5	17251.5	24809.1	37204.9	58675.1
0°	941.3	1292.4	1836.9	2854.5	4711.7	7403.4	11631.7	17457.8	25461.6	37953.2	60626.4
-2.5°	949.9	1315.6	1851.7	2874.3	4691.6	7488.3	11702.9	17622.5	25437.1	37543.2	58447.1
-5°	964.2	1315.2	1840.5	2854.1	4586.4	7268.9	11238.1	16700.5	23902.5	34314.3	51440.4
-7.5°	974.5	1294.3	1787.2	2724.8	4311.1	6794.6	10421.5	15172.8	21109.5	29014.9	39621.6
-10°	965.1	1254.0	1698.4	2507.9	3883.0	6033.9	9179.6	13156.0	18090.0	23948.6	31155.0
-12.5°	928.7	1179.7	1553.4	2204.0	3328.6	5181.6	7930.2	11315.8	14967.7	19082.2	24061.9
-15°	882.8	1099.5	1422.8	1995.5	2917.6	4337.0	6343.6	9090.2	12019.6	15143.6	18474.9
-17.5°	847.1	1029.2	1296.9	1711.4	2389.6	3518.3	5095.2	7046.3	9199.1	11577.5	13551.6
-20°	798.7	942.5	1167.3	1505.9	2023.3	2771.1	3919.5	5337.0	6757.6	8429.9	9793.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627578 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	750.2	875.5	1046.5	1294.4	1679.3	2244.3	2953.8	3900.3	4939.1	5899.0	6843.9
-25°	705.2	801.7	940.0	1143.3	1404.5	1790.0	2295.1	2838.0	3522.7	4107.0	4755.5
-27.5°	668.8	751.7	853.8	1002.8	1205.4	1453.4	1815.1	2178.9	2539.0	2833.9	3280.3
-30°	633.6	700.4	785.7	892.0	1043.9	1235.0	1469.7	1705.8	1913.6	2103.1	2335.6
-32.5°	599.1	653.4	718.9	807.1	916.1	1059.7	1204.0	1373.1	1517.6	1650.9	1774.3
-35°	564.4	612.8	662.7	737.1	824.0	926.0	1030.9	1145.5	1245.5	1335.3	1414.7
-37.5°	533.2	575.6	622.5	677.9	748.0	824.8	910.5	993.7	1059.8	1118.0	1166.2
-40°	506.9	545.5	585.6	629.9	683.2	743.8	816.6	886.0	932.2	967.8	997.1
-42.5°	483.3	517.3	551.5	589.1	630.0	682.5	739.9	797.1	828.5	856.1	877.3
-45°	464.3	490.4	519.2	551.4	587.6	631.5	676.7	716.2	744.1	767.8	785.5
-47.5°	439.3	464.5	489.4	515.9	549.7	586.3	623.6	654.1	678.4	699.1	712.5
-50°	411.8	438.3	461.1	484.4	515.5	546.5	576.5	601.7	625.0	645.2	655.8
-52.5°	383.3	411.7	435.7	458.4	484.5	511.6	538.7	560.2	580.6	599.7	607.7
-55°	362.8	388.9	413.7	435.1	456.6	478.3	500.4	522.8	542.9	561.0	566.4
-57.5°	340.6	367.2	391.7	410.9	430.3	449.9	470.1	490.3	509.7	527.1	531.5
-60°	313.5	342.4	364.2	382.3	401.2	420.5	438.1	456.0	474.1	489.3	494.2
-62.5°	279.2	305.5	326.9	346.0	364.3	381.0	398.2	415.0	431.3	443.2	447.2
-65°	237.9	260.3	282.4	302.4	320.4	336.6	352.4	367.8	382.6	393.1	398.4
-67.5°	205.4	221.5	239.3	256.5	274.6	291.3	305.6	319.0	331.7	340.6	346.2
-70°	174.1	189.4	206.1	222.5	238.2	251.8	263.1	274.3	285.0	292.9	298.9
-72.5°	144.1	157.1	171.0	185.5	199.8	212.1	222.5	232.4	241.7	248.5	254.0
-75°	117.0	127.7	139.5	151.2	162.8	172.5	181.3	189.8	198.1	204.1	209.1
-77.5°	92.9	101.9	111.1	120.3	129.4	136.5	142.9	149.2	155.3	160.0	164.3
-80°	68.8	75.9	83.2	90.5	97.8	103.2	108.0	112.6	117.0	119.8	122.2
-82.5°	47.0	52.0	57.1	62.3	67.4	71.4	75.2	79.0	82.7	84.0	85.0
-85°	30.0	32.5	35.2	38.0	41.0	43.2	45.2	47.2	49.1	50.9	52.6
-87.5°	16.7	17.2	17.7	18.1	18.5	20.0	21.5	23.0	24.5	24.8	25.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627578 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-735-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	0.5	1.1
62.5°	4.6	4.9	5.0	5.1	5.0	4.9	4.6	4.2	3.7	4.0	4.6
60°	17.4	15.5	15.2	15.3	15.2	15.5	17.4	18.5	18.6	21.7	22.6
57.5°	77.4	86.1	88.5	86.5	88.5	86.1	77.4	68.1	58.9	57.8	59.1
55°	112.7	115.3	116.6	117.0	116.6	115.3	112.7	108.2	101.6	95.2	90.0
52.5°	138.2	137.3	137.1	137.4	137.1	137.3	138.2	137.6	135.0	128.8	118.9
50°	207.6	203.8	202.3	203.5	202.3	203.8	207.6	206.8	196.0	177.3	162.2
47.5°	265.4	266.6	268.4	269.7	268.4	266.6	265.4	264.1	253.6	233.4	211.9
45°	309.9	312.7	314.5	315.5	314.5	312.7	309.9	305.8	291.3	270.2	246.1
42.5°	355.4	355.7	355.2	356.2	355.2	355.7	355.4	351.8	335.6	313.7	288.6
40°	419.6	420.9	419.5	417.2	419.5	420.9	419.6	414.1	400.6	373.7	345.3
37.5°	548.3	550.2	544.1	539.4	544.1	550.2	548.3	536.7	516.7	480.2	444.0
35°	758.3	780.1	790.5	793.8	790.5	780.1	758.3	728.8	696.5	661.1	576.5
32.5°	999.4	1029.7	1044.9	1058.4	1044.9	1029.7	999.4	959.2	900.9	821.3	718.3
30°	1345.0	1400.8	1425.4	1460.3	1425.4	1400.8	1345.0	1274.8	1167.7	1041.1	896.0
27.5°	1908.7	2006.9	2061.2	2111.6	2061.2	2006.9	1908.7	1787.8	1574.8	1396.4	1154.2
25°	2872.2	3061.2	3183.4	3241.2	3183.4	3061.2	2872.2	2627.3	2290.4	1968.4	1571.4
22.5°	4468.1	4816.5	5085.3	5139.1	5085.3	4816.5	4468.1	3941.9	3398.1	2833.4	2222.6
20°	6946.4	7444.9	7850.5	8054.7	7850.5	7444.9	6946.4	6052.9	5131.9	4175.3	3277.0
17.5°	11513.9	12550.8	13024.5	13102.2	13024.5	12550.8	11513.9	9826.6	8409.9	6787.4	4996.9
15°	18308.9	20063.5	21177.5	21894.7	21177.5	20063.5	18308.9	15426.9	12741.0	10197.9	7407.5
12.5°	26061.9	31047.7	33884.8	34966.4	33884.8	31047.7	26061.9	21517.5	17151.9	13319.2	9825.2
10°	36584.4	48321.9	55092.5	58499.6	55092.5	48321.9	36584.4	29150.5	22171.7	16499.6	11856.5
7.5°	54443.6	72572.2	92658.1	101950.6	92658.1	72572.2	54443.6	37216.0	27450.8	19936.4	14131.8
5°	73217.9	113021.1	147956.7	164686.2	147956.7	113021.1	73217.9	49607.9	33058.8	22990.9	16124.3
2.5°	94795.9	148474.4	198104.4	218972.7	198104.4	148474.4	94795.9	58675.1	37204.9	24809.1	17251.5
0°	103100.6	165627.5	219906.3	240389.1	219906.3	165627.5	103100.6	60626.4	37953.2	25461.6	17457.8
-2.5°	96079.8	151074.8	198957.1	222361.4	198957.1	151074.8	96079.8	58447.1	37543.2	25437.1	17622.5
-5°	76340.4	113644.0	149105.3	168176.7	149105.3	113644.0	76340.4	51440.4	34314.3	23902.5	16700.5
-7.5°	56029.0	76336.8	96030.7	102917.4	96030.7	76336.8	56029.0	39621.6	29014.9	21109.5	15172.8
-10°	39008.5	50637.4	58313.7	60504.3	58313.7	50637.4	39008.5	31155.0	23948.6	18090.0	13156.0
-12.5°	28920.9	34007.4	37546.5	38161.8	37546.5	34007.4	28920.9	24061.9	19082.2	14967.7	11315.8
-15°	21415.2	24001.9	25827.2	25950.1	25827.2	24001.9	21415.2	18474.9	15143.6	12019.6	9090.2
-17.5°	15654.6	17390.9	18312.1	18246.4	18312.1	17390.9	15654.6	13551.6	11577.5	9199.1	7046.3
-20°	11194.0	12240.5	12982.8	12837.6	12982.8	12240.5	11194.0	9793.6	8429.9	6757.6	5337.0



REPORT NUMBER: P627578 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	7805.3	8500.0	8934.9	8823.0	8934.9	8500.0	7805.3	6843.9	5899.0	4939.1	3900.3
-25°	5303.5	5682.1	5897.5	5861.7	5897.5	5682.1	5303.5	4755.5	4107.0	3522.7	2838.0
-27.5°	3614.0	3814.0	3880.7	3877.2	3880.7	3814.0	3614.0	3280.3	2833.9	2539.0	2178.9
-30°	2508.5	2642.9	2719.7	2671.3	2719.7	2642.9	2508.5	2335.6	2103.1	1913.6	1705.8
-32.5°	1869.6	1945.4	1989.3	1943.7	1989.3	1945.4	1869.6	1774.3	1650.9	1517.6	1373.1
-35°	1473.4	1511.7	1527.2	1501.0	1527.2	1511.7	1473.4	1414.7	1335.3	1245.5	1145.5
-37.5°	1201.3	1223.7	1231.3	1216.1	1231.3	1223.7	1201.3	1166.2	1118.0	1059.8	993.7
-40°	1017.9	1031.7	1035.0	1022.7	1035.0	1031.7	1017.9	997.1	967.8	932.2	886.0
-42.5°	890.6	898.8	900.7	895.5	900.7	898.8	890.6	877.3	856.1	828.5	797.1
-45°	795.9	803.0	804.3	798.9	804.3	803.0	795.9	785.5	767.8	744.1	716.2
-47.5°	719.3	723.6	724.7	722.5	724.7	723.6	719.3	712.5	699.1	678.4	654.1
-50°	660.6	663.6	663.9	661.5	663.9	663.6	660.6	655.8	645.2	625.0	601.7
-52.5°	611.5	613.6	615.0	615.7	615.0	613.6	611.5	607.7	599.7	580.6	560.2
-55°	570.1	572.8	574.5	575.0	574.5	572.8	570.1	566.4	561.0	542.9	522.8
-57.5°	534.9	537.4	538.9	539.4	538.9	537.4	534.9	531.5	527.1	509.7	490.3
-60°	498.2	501.2	503.1	503.7	503.1	501.2	498.2	494.2	489.3	474.1	456.0
-62.5°	449.8	451.1	452.4	452.9	452.4	451.1	449.8	447.2	443.2	431.3	415.0
-65°	402.3	405.0	406.6	407.1	406.6	405.0	402.3	398.4	393.1	382.6	367.8
-67.5°	350.8	354.3	358.1	361.3	358.1	354.3	350.8	346.2	340.6	331.7	319.0
-70°	304.1	308.6	310.1	310.4	310.1	308.6	304.1	298.9	292.9	285.0	274.3
-72.5°	258.9	263.1	266.7	269.7	266.7	263.1	258.9	254.0	248.5	241.7	232.4
-75°	213.6	217.6	218.5	218.8	218.5	217.6	213.6	209.1	204.1	198.1	189.8
-77.5°	168.3	172.0	172.8	173.0	172.8	172.0	168.3	164.3	160.0	155.3	149.2
-80°	124.5	126.5	129.5	132.3	129.5	126.5	124.5	122.2	119.8	117.0	112.6
-82.5°	85.7	86.1	86.4	86.5	86.4	86.1	85.7	85.0	84.0	82.7	79.0
-85°	54.2	55.8	55.9	56.0	55.9	55.8	54.2	52.6	50.9	49.1	47.2
-87.5°	25.2	25.3	25.4	25.4	25.4	25.3	25.2	25.0	24.8	24.5	23.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627578 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-735-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	0.3
65°	1.3	0.9	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.4
62.5°	5.2	5.6	5.8	5.3	3.9	2.5	3.0	3.6	2.5	0.5	1.7
60°	19.2	12.2	17.3	19.0	16.7	12.0	12.2	11.4	9.4	7.5	5.0
57.5°	62.7	60.6	49.7	43.0	40.9	36.3	29.9	23.8	21.0	16.9	12.0
55°	86.5	83.0	77.0	68.9	59.7	57.0	51.8	44.4	37.3	28.9	23.4
52.5°	106.4	107.3	103.9	94.0	85.8	80.3	73.2	66.2	57.6	49.4	38.5
50°	151.9	146.1	140.6	135.0	122.1	109.4	100.5	90.9	78.5	69.3	60.0
47.5°	193.9	185.3	179.5	172.1	157.3	143.9	129.9	116.3	100.9	86.5	77.4
45°	229.9	217.4	206.1	196.9	184.1	168.9	156.4	141.3	123.7	107.0	91.3
42.5°	266.4	247.4	232.2	222.9	207.4	191.8	177.8	166.1	147.0	127.5	111.7
40°	315.0	277.0	262.8	259.1	244.4	219.5	207.6	194.9	174.5	149.0	133.4
37.5°	395.2	344.2	319.2	306.1	292.8	266.9	243.7	227.0	208.7	179.9	157.7
35°	508.6	448.8	394.3	366.1	350.4	315.2	284.7	261.7	239.9	212.6	183.8
32.5°	608.1	540.7	475.6	426.4	391.1	358.6	324.5	296.1	267.5	239.6	211.2
30°	753.4	640.8	551.1	481.8	436.3	396.0	359.8	325.5	293.2	263.8	235.2
27.5°	950.8	771.0	649.2	551.7	483.8	435.8	394.7	354.7	317.8	286.1	256.8
25°	1241.0	953.6	771.5	639.9	541.6	480.0	433.0	386.7	343.6	307.6	282.8
22.5°	1658.0	1265.4	965.2	735.4	625.8	547.8	478.3	420.0	371.2	339.0	309.6
20°	2376.0	1693.9	1250.0	955.0	753.2	628.0	533.0	464.5	414.7	373.2	336.7
17.5°	3603.3	2496.5	1618.6	1229.8	942.5	748.0	611.1	520.1	457.3	407.7	364.1
15°	5107.3	3426.3	2262.7	1584.6	1155.1	847.9	684.3	575.3	501.0	443.7	391.6
12.5°	6673.4	4311.1	2796.3	1854.0	1307.2	954.4	761.2	638.2	544.7	469.8	409.8
10°	8034.2	5220.2	3333.9	2172.3	1479.1	1056.7	822.1	677.9	570.9	488.5	425.3
7.5°	9537.4	6150.0	3828.9	2405.4	1621.1	1138.6	863.2	704.5	592.5	504.2	438.0
5°	10651.2	6859.8	4247.5	2617.9	1727.8	1201.2	895.3	723.6	609.4	516.7	448.1
2.5°	11398.5	7354.0	4510.3	2764.2	1793.8	1249.1	921.1	741.5	622.4	529.4	459.2
0°	11631.7	7403.4	4711.7	2854.5	1836.9	1292.4	941.3	758.1	630.9	539.4	468.1
-2.5°	11702.9	7488.3	4691.6	2874.3	1851.7	1315.6	949.9	761.2	637.5	543.1	469.4
-5°	11238.1	7268.9	4586.4	2854.1	1840.5	1315.2	964.2	766.8	641.3	544.4	468.3
-7.5°	10421.5	6794.6	4311.1	2724.8	1787.2	1294.3	974.5	774.0	644.8	548.4	471.9
-10°	9179.6	6033.9	3883.0	2507.9	1698.4	1254.0	965.1	770.0	642.6	547.7	472.8
-12.5°	7930.2	5181.6	3328.6	2204.0	1553.4	1179.7	928.7	754.3	634.5	542.1	470.5
-15°	6343.6	4337.0	2917.6	1995.5	1422.8	1099.5	882.8	729.6	620.9	532.0	465.2
-17.5°	5095.2	3518.3	2389.6	1711.4	1296.9	1029.2	847.1	709.6	604.9	521.8	458.1
-20°	3919.5	2771.1	2023.3	1505.9	1167.3	942.5	798.7	680.1	586.5	511.2	451.2



Classified

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

Scaled Data Report



REPORT NUMBER: P627578 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	2953.8	2244.3	1679.3	1294.4	1046.5	875.5	750.2	647.2	564.1	496.1	442.3
-25°	2295.1	1790.0	1404.5	1143.3	940.0	801.7	705.2	621.2	546.4	481.0	431.5
-27.5°	1815.1	1453.4	1205.4	1002.8	853.8	751.7	668.8	594.2	527.3	469.6	420.7
-30°	1469.7	1235.0	1043.9	892.0	785.7	700.4	633.6	571.2	509.4	455.0	408.9
-32.5°	1204.0	1059.7	916.1	807.1	718.9	653.4	599.1	546.4	487.7	440.0	396.7
-35°	1030.9	926.0	824.0	737.1	662.7	612.8	564.4	515.2	467.4	423.0	382.7
-37.5°	910.5	824.8	748.0	677.9	622.5	575.6	533.2	489.8	446.3	405.6	368.4
-40°	816.6	743.8	683.2	629.9	585.6	545.5	506.9	466.7	428.0	387.2	352.8
-42.5°	739.9	682.5	630.0	589.1	551.5	517.3	483.3	448.3	410.3	371.7	335.4
-45°	676.7	631.5	587.6	551.4	519.2	490.4	464.3	429.4	392.3	353.7	316.8
-47.5°	623.6	586.3	549.7	515.9	489.4	464.5	439.3	408.4	369.6	333.2	301.8
-50°	576.5	546.5	515.5	484.4	461.1	438.3	411.8	379.6	346.0	316.0	286.4
-52.5°	538.7	511.6	484.5	458.4	435.7	411.7	383.3	355.5	326.8	298.6	271.4
-55°	500.4	478.3	456.6	435.1	413.7	388.9	362.8	335.0	307.0	280.7	252.9
-57.5°	470.1	449.9	430.3	410.9	391.7	367.2	340.6	313.5	284.6	258.0	231.9
-60°	438.1	420.5	401.2	382.3	364.2	342.4	313.5	285.6	258.9	233.7	208.5
-62.5°	398.2	381.0	364.3	346.0	326.9	305.5	279.2	253.5	230.3	208.4	185.7
-65°	352.4	336.6	320.4	302.4	282.4	260.3	237.9	219.1	201.2	182.6	162.7
-67.5°	305.6	291.3	274.6	256.5	239.3	221.5	205.4	189.3	172.6	155.5	137.6
-70°	263.1	251.8	238.2	222.5	206.1	189.4	174.1	159.1	143.6	129.3	115.5
-72.5°	222.5	212.1	199.8	185.5	171.0	157.1	144.1	131.9	119.8	108.0	95.7
-75°	181.3	172.5	162.8	151.2	139.5	127.7	117.0	107.1	96.9	86.5	76.1
-77.5°	142.9	136.5	129.4	120.3	111.1	101.9	92.9	83.9	75.5	67.7	60.4
-80°	108.0	103.2	97.8	90.5	83.2	75.9	68.8	62.7	57.0	51.8	46.7
-82.5°	75.2	71.4	67.4	62.3	57.1	52.0	47.0	43.3	39.7	36.2	32.8
-85°	45.2	43.2	41.0	38.0	35.2	32.5	30.0	28.0	25.9	23.7	21.6
-87.5°	21.5	20.0	18.5	18.1	17.7	17.2	16.7	15.2	13.7	12.2	10.8
-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: P627578 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-735-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	0.2	0.4	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.1	0.3
70°	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.7	1.9	2.1	1.6
67.5°	0.0	0.0	0.0	1.1	1.7	1.5	0.3	0.9	2.1	3.3	2.9
65°	1.7	1.2	0.1	1.3	2.5	3.3	2.5	1.5	2.3	3.4	4.2
62.5°	3.0	3.9	2.9	2.1	2.8	4.0	4.7	3.2	2.6	3.6	4.8
60°	3.3	4.6	5.2	4.0	3.6	4.3	5.1	4.7	3.7	3.8	5.0
57.5°	9.0	5.8	5.8	5.5	4.6	4.7	5.1	5.1	4.5	4.3	5.1
55°	16.6	12.2	8.6	6.9	5.8	5.0	5.2	5.1	5.1	4.7	5.1
52.5°	28.9	21.0	15.4	10.4	7.8	5.8	5.8	5.1	5.1	5.0	5.1
50°	46.0	33.1	24.3	17.5	10.9	8.5	6.6	5.9	5.1	5.1	5.1
47.5°	67.3	49.4	35.4	25.5	17.9	11.6	9.1	7.1	5.1	5.1	5.1
45°	83.1	69.0	49.3	35.7	25.1	17.3	12.2	8.4	6.3	5.3	5.1
42.5°	98.6	85.8	67.1	45.7	34.6	23.9	15.6	11.3	7.8	5.6	5.3
40°	118.3	102.4	84.1	62.4	44.9	30.3	21.2	14.5	9.4	6.5	5.7
37.5°	138.7	120.9	101.0	78.3	56.6	40.2	26.8	17.9	11.8	8.3	6.2
35°	161.6	140.2	117.7	93.6	70.5	50.4	32.3	22.0	15.0	10.2	6.8
32.5°	184.8	158.8	133.2	108.5	83.5	60.9	40.0	27.2	18.1	12.1	7.5
30°	207.3	177.1	147.5	122.7	95.9	72.1	49.6	32.9	21.1	14.2	8.5
27.5°	227.6	195.1	161.4	135.3	108.3	82.5	59.4	39.1	24.0	16.4	10.1
25°	249.0	213.4	177.2	146.5	120.0	93.1	68.3	45.7	28.2	18.8	11.8
22.5°	273.2	231.8	192.5	156.7	132.2	103.3	77.0	53.5	33.3	21.1	13.4
20°	299.2	250.1	207.8	171.1	143.7	113.9	85.6	60.6	38.5	23.3	15.0
17.5°	325.9	270.1	226.4	187.6	155.0	123.7	93.7	67.2	43.8	25.3	16.6
15°	344.0	290.2	243.1	203.0	166.4	132.9	101.4	73.1	48.9	27.2	18.2
12.5°	359.1	307.5	257.8	217.3	177.6	141.2	108.6	78.4	54.0	29.8	19.8
10°	372.5	322.0	270.6	230.3	188.5	148.7	115.3	83.1	58.6	33.1	21.2
7.5°	384.1	334.1	281.6	242.1	198.8	156.3	120.7	87.3	62.6	36.4	22.4
5°	393.8	344.4	290.8	249.8	208.4	164.3	125.4	90.9	66.0	39.7	23.5
2.5°	401.5	353.9	298.7	255.3	216.8	171.7	129.2	94.1	68.9	42.9	24.5
0°	407.1	361.3	305.3	259.5	223.9	178.1	132.3	96.7	71.2	45.8	25.4
-2.5°	410.8	362.5	312.3	264.3	228.1	183.4	138.5	100.0	73.1	48.4	26.9
-5°	412.3	362.4	317.5	268.0	231.2	187.6	143.6	102.6	74.6	50.7	28.3
-7.5°	414.6	364.1	320.3	270.9	233.2	190.9	147.6	104.6	75.7	52.5	29.6
-10°	415.5	365.8	321.1	274.5	234.9	193.3	150.2	105.9	76.5	53.8	30.7
-12.5°	414.3	365.6	320.9	276.5	235.7	194.7	151.5	107.9	77.3	54.6	31.6
-15°	411.1	363.4	320.1	276.7	235.6	195.2	152.0	109.7	78.9	54.8	32.4
-17.5°	406.0	359.3	319.0	275.0	234.7	194.9	151.5	110.6	79.7	54.5	33.2
-20°	400.9	355.4	317.3	271.4	232.9	193.8	150.2	110.4	79.6	53.7	33.9

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Scaled Data Report



REPORT NUMBER: P627578 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	394.3	351.8	311.7	267.7	230.4	192.0	148.1	109.1	78.7	52.4	34.3
-25°	386.0	346.3	305.3	264.8	227.2	188.4	145.6	106.7	76.9	50.8	34.4
-27.5°	377.7	338.8	298.5	260.8	222.7	184.1	142.4	104.5	74.3	48.8	34.3
-30°	367.9	330.4	292.5	255.3	216.5	177.9	137.7	101.0	71.6	47.8	33.9
-32.5°	357.3	322.0	285.8	247.1	208.8	171.0	131.7	96.2	68.4	47.2	33.6
-35°	346.6	312.6	277.6	236.9	200.4	163.5	125.7	90.1	64.7	46.2	33.1
-37.5°	334.0	300.9	264.5	226.0	191.5	155.5	120.1	86.6	60.7	44.9	32.5
-40°	319.7	286.6	249.5	215.7	182.1	147.0	114.0	83.4	58.1	43.1	31.7
-42.5°	303.6	270.6	237.5	205.2	172.3	139.7	107.7	79.5	56.9	41.8	30.8
-45°	287.1	256.2	226.2	194.4	162.4	132.2	102.4	75.1	55.2	40.5	29.9
-47.5°	271.7	243.9	213.9	182.7	153.7	124.5	96.3	72.2	52.8	39.2	28.8
-50°	258.7	230.4	200.5	170.9	143.6	116.6	89.9	68.5	50.8	37.7	27.6
-52.5°	243.6	215.2	185.8	157.9	132.8	107.8	84.4	64.0	48.0	35.8	26.1
-55°	225.8	197.5	169.5	145.0	121.5	99.4	78.0	59.4	44.4	33.6	24.3
-57.5°	204.9	177.5	154.5	132.2	110.2	90.0	70.8	53.8	41.1	31.2	22.4
-60°	183.5	161.3	140.2	118.5	98.2	79.9	62.7	48.2	37.8	28.5	20.3
-62.5°	164.4	144.1	123.4	103.5	85.8	69.3	54.4	43.9	34.2	25.6	17.9
-65°	143.0	123.8	105.3	88.9	73.2	59.3	48.8	39.1	30.3	22.4	15.8
-67.5°	120.0	104.7	89.0	74.2	62.5	52.4	42.9	34.1	26.2	19.0	14.5
-70°	101.4	87.0	74.2	63.7	54.0	45.0	36.5	28.8	21.7	17.0	13.1
-72.5°	83.7	72.6	62.5	53.5	45.1	37.2	29.9	23.6	18.9	14.9	11.5
-75°	66.7	58.7	50.7	42.9	35.8	29.4	24.6	19.9	16.0	12.7	10.1
-77.5°	53.4	46.3	39.0	33.4	29.1	24.7	20.2	16.0	13.3	11.0	8.7
-80°	41.1	36.1	31.7	27.9	23.9	19.9	16.5	13.5	11.4	9.4	7.3
-82.5°	29.5	26.9	24.6	22.3	19.2	16.4	13.8	11.5	9.6	7.7	5.7
-85°	20.2	18.9	17.8	16.7	14.6	12.7	10.5	8.6	6.8	5.2	3.8
-87.5°	10.3	9.8	9.3	8.8	7.5	6.4	5.3	4.3	3.4	2.6	1.9
-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-SA5B-735-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	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
77.5°	0.0	0.1	0.0	0.0	0.1	0.6	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.7	0.0
72.5°	0.3	0.8	0.5	0.0	0.1	0.8	0.0
70°	0.6	1.2	1.0	0.1	0.2	0.9	0.0
67.5°	1.8	1.6	1.5	0.6	0.3	1.0	0.0
65°	2.9	2.2	2.1	1.1	0.4	1.2	0.0
62.5°	4.0	2.9	2.6	1.6	0.5	1.3	0.0
60°	5.0	3.6	3.2	2.2	0.7	1.4	0.0
57.5°	5.1	4.2	3.6	2.7	1.1	1.6	0.0
55°	5.1	4.7	3.9	3.2	1.5	1.7	0.0
52.5°	5.1	5.1	4.2	3.8	1.9	1.9	0.0
50°	5.1	5.1	4.5	4.4	2.3	2.0	0.0
47.5°	5.1	5.1	4.7	4.8	2.7	2.2	0.0
45°	5.1	5.1	4.9	5.0	3.0	2.3	0.0
42.5°	5.1	5.1	5.0	5.1	3.3	2.5	0.0
40°	5.1	5.1	5.1	5.1	3.6	2.7	0.0
37.5°	5.1	5.1	5.1	5.1	3.8	2.8	0.0
35°	5.1	5.1	5.1	5.1	4.0	3.0	0.0
32.5°	5.3	5.1	5.1	5.1	4.2	3.1	0.0
30°	5.8	5.1	5.1	5.1	4.4	3.3	0.0
27.5°	6.4	5.1	5.1	5.1	4.6	3.5	0.0
25°	7.0	5.1	5.1	5.1	4.7	3.6	0.0
22.5°	7.6	5.2	5.1	5.1	4.8	3.8	0.0
20°	8.2	5.6	5.1	5.1	4.9	4.0	0.0
17.5°	9.2	6.0	5.1	5.1	5.0	4.1	0.0
15°	10.2	6.5	5.1	5.1	5.0	4.3	0.0
12.5°	11.2	7.1	5.1	5.1	5.0	4.4	0.0
10°	12.1	7.7	5.1	5.1	5.1	4.6	0.0
7.5°	13.0	8.4	5.1	5.1	5.1	4.7	0.0
5°	13.8	9.0	5.1	5.1	5.1	4.9	0.0
2.5°	14.6	9.6	5.1	5.1	5.1	5.0	0.0
0°	15.3	10.2	5.1	5.1	5.1	5.1	0.0
-2.5°	16.6	10.7	5.5	5.1	5.1	5.1	0.0
-5°	17.9	11.2	6.0	5.1	5.1	5.1	0.0
-7.5°	19.0	11.7	6.4	5.1	5.1	5.1	0.0
-10°	20.0	12.1	6.8	5.1	5.1	5.0	0.0
-12.5°	20.8	12.4	7.1	5.1	5.1	5.0	0.0
-15°	21.4	12.7	7.4	5.1	5.1	4.9	0.0
-17.5°	21.9	12.9	7.6	5.1	5.1	4.9	0.0
-20°	22.1	13.1	7.8	5.1	5.1	4.8	0.0

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CATALOG NUMBER: GFLD-SA5B-735-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.4	13.2	7.8	5.1	5.1	4.7	0.0
-25°	22.6	13.5	7.8	5.1	5.1	4.6	0.0
-27.5°	22.6	13.8	7.7	5.1	5.1	4.5	0.0
-30°	22.5	14.1	7.5	5.1	5.1	4.4	0.0
-32.5°	22.2	14.2	7.5	5.1	5.1	4.3	0.0
-35°	22.2	14.1	7.4	5.1	5.1	4.2	0.0
-37.5°	22.1	14.0	7.2	5.1	5.1	4.0	0.0
-40°	21.8	13.7	6.9	5.1	5.1	3.9	0.0
-42.5°	21.3	13.3	6.9	5.2	5.1	3.8	0.0
-45°	20.7	12.8	7.1	5.3	5.1	3.6	0.0
-47.5°	19.8	12.1	7.2	5.4	5.1	3.4	0.0
-50°	18.8	11.3	7.2	5.5	5.1	3.3	0.0
-52.5°	17.6	10.4	7.3	5.5	5.1	3.1	0.0
-55°	16.3	10.1	7.2	5.5	5.1	2.9	0.0
-57.5°	14.8	9.9	7.1	5.5	5.1	2.7	0.0
-60°	13.2	9.5	7.0	5.5	5.1	2.5	0.0
-62.5°	12.6	9.1	6.8	5.4	4.7	2.4	0.0
-65°	11.8	8.7	6.5	5.3	4.3	2.2	0.0
-67.5°	10.9	8.1	6.2	5.2	3.9	2.0	0.0
-70°	9.9	7.5	5.9	5.1	3.5	1.7	0.0
-72.5°	8.8	6.8	5.6	4.6	3.1	1.5	0.0
-75°	7.7	6.1	5.2	3.9	2.6	1.3	0.0
-77.5°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
-80°	5.3	4.4	3.5	2.6	1.8	0.9	0.0
-82.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)