

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: P626838 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2B-727-U-NR-VSR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P626838 (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-SA2B-727-U-NR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (32) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7935.1 lumens  
Efficiency: N/A  
Efficacy: 124.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 80435.8 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 2533.3 lumens  
Beam Efficiency: 31.9%

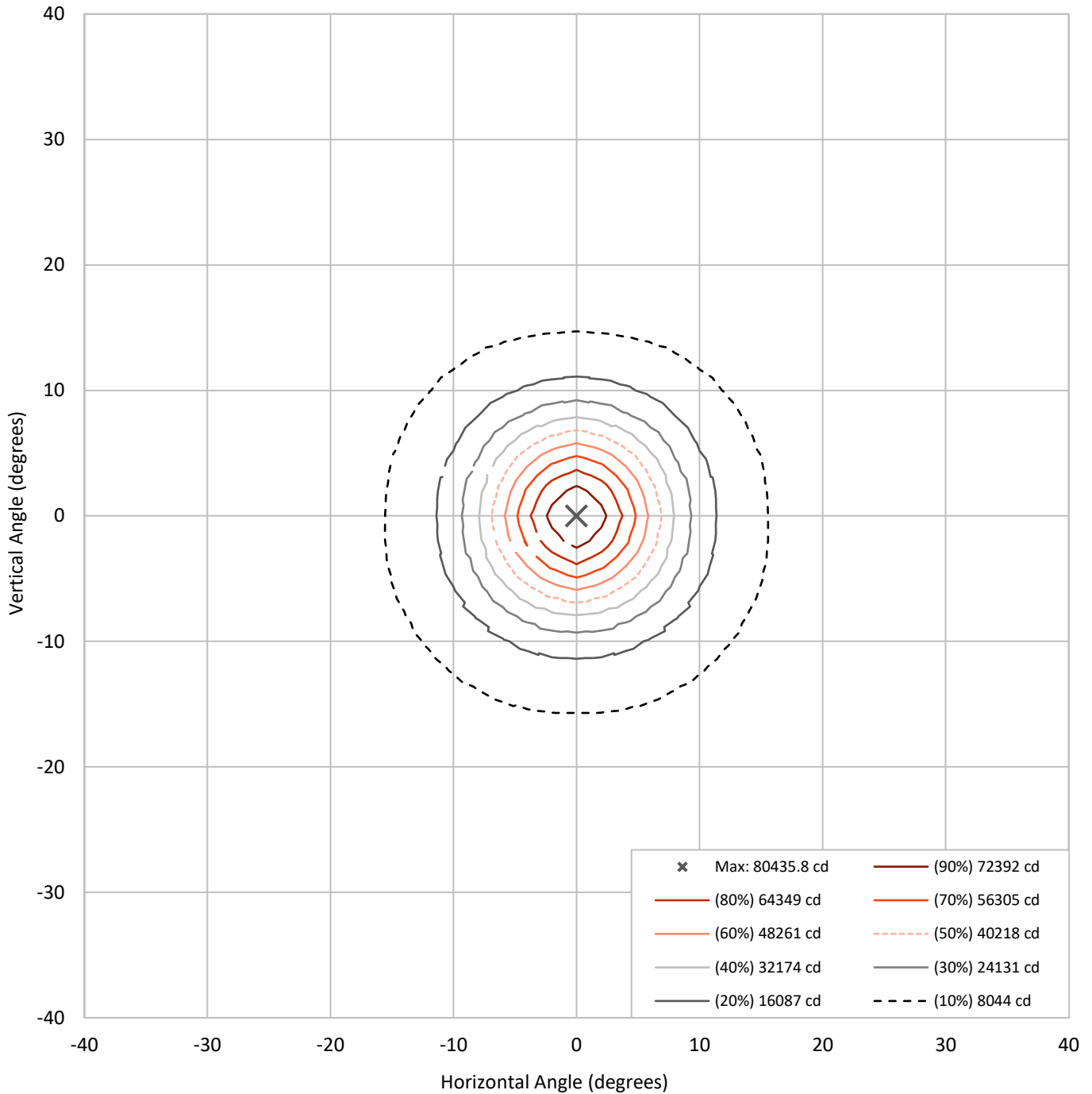
Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 5642.4 lumens  
Field Efficiency: 71.1%

Input Watts (W): 63.6  
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





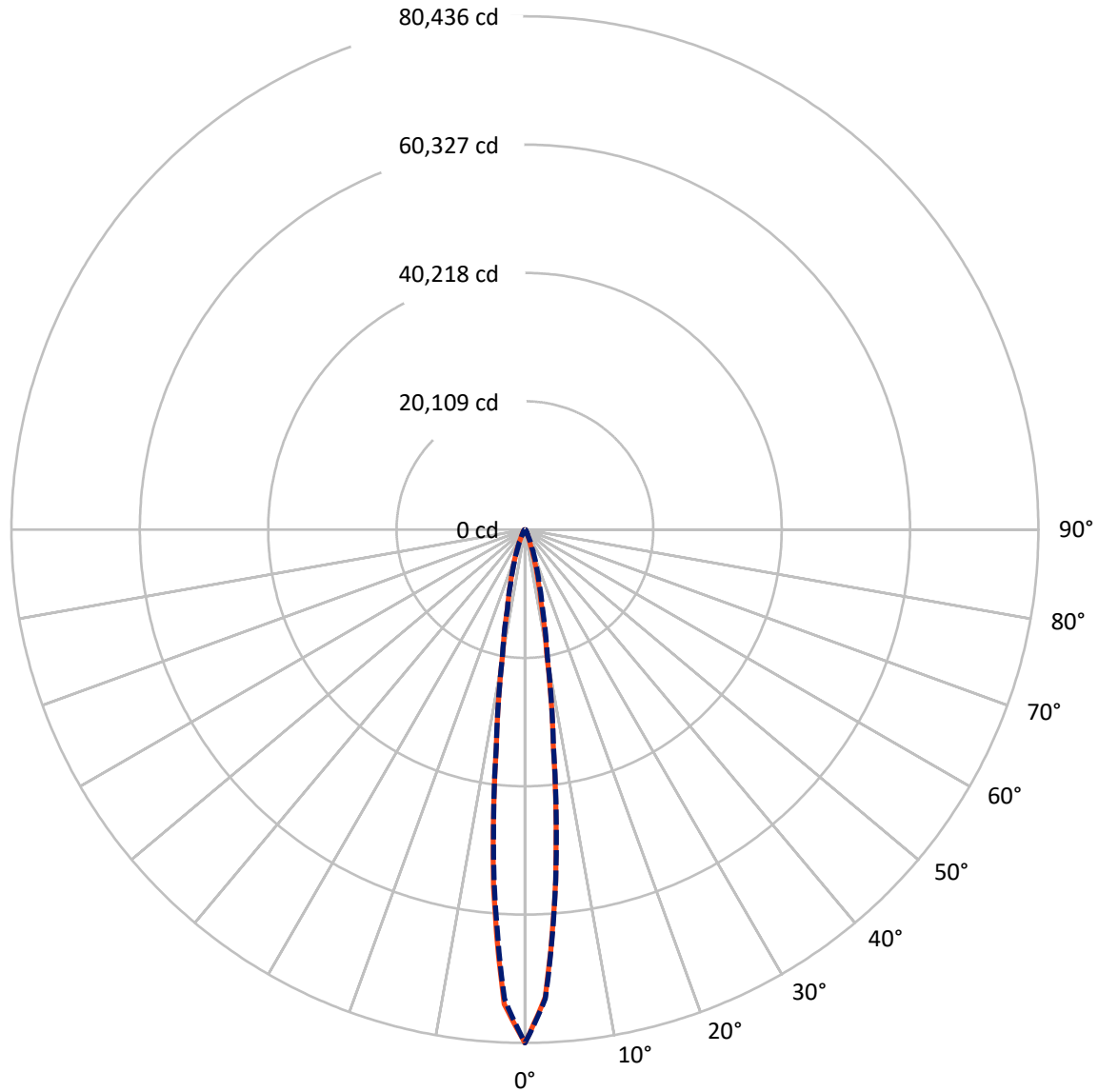
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### Lumen Table

90																			
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	0.0		
70																			
60	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	0.0		
50		0.0	0.1	0.2	0.4	0.7	0.9	1.1	1.1	0.9	0.7	0.4	0.2	0.1	0.0				
40	0.0	0.0	0.2	0.7	1.3	1.9	2.7	3.2	3.2	2.7	1.9	1.3	0.7	0.2	0.0	0.0			
30		0.1	0.6	1.3	2.4	3.8	6.5	8.2	8.2	6.5	3.8	2.4	1.3	0.6	0.1				
20	0.1	0.2	0.9	2.0	3.7	8.1	21.6	35.7	35.7	21.6	8.1	3.7	2.0	0.9	0.2	0.1			
10		0.3	1.2	2.8	6.1	24.1	101.7	223.6	223.6	101.7	24.1	6.1	2.8	1.2	0.3				
0	0.1	0.4	1.5	3.3	8.3	45.3	243.7	1093.1	1093.1	243.7	45.3	8.3	3.3	1.5	0.4	0.1			
-10		0.5	1.6	3.5	9.0	48.3	252.3	1111.7	1111.7	252.3	48.3	9.0	3.5	1.6	0.5				
-20	0.2	0.5	1.6	3.4	7.9	30.7	122.5	262.0	262.0	122.5	30.7	7.9	3.4	1.6	0.5	0.2			
-30		0.5	1.6	3.2	6.1	14.4	37.7	62.9	62.9	37.7	14.4	6.1	3.2	1.6	0.5				
-40	0.1	0.4	1.4	2.8	4.7	7.9	12.8	16.3	16.3	12.8	7.9	4.7	2.8	1.4	0.4	0.1			
-50		0.4	1.1	2.3	3.8	5.5	7.4	8.3	8.3	7.4	5.5	3.8	2.3	1.1	0.4				
-60	0.1	0.3	0.9	1.8	3.0	4.2	5.3	5.8	5.8	5.3	4.2	3.0	1.8	0.9	0.3	0.1			
-70		0.2	0.5	1.2	2.0	2.9	3.7	4.1	4.1	3.7	2.9	2.0	1.2	0.5	0.2				
-80	0.0	0.5	2.0	4.4	5.6	4.4	2.0	0.5	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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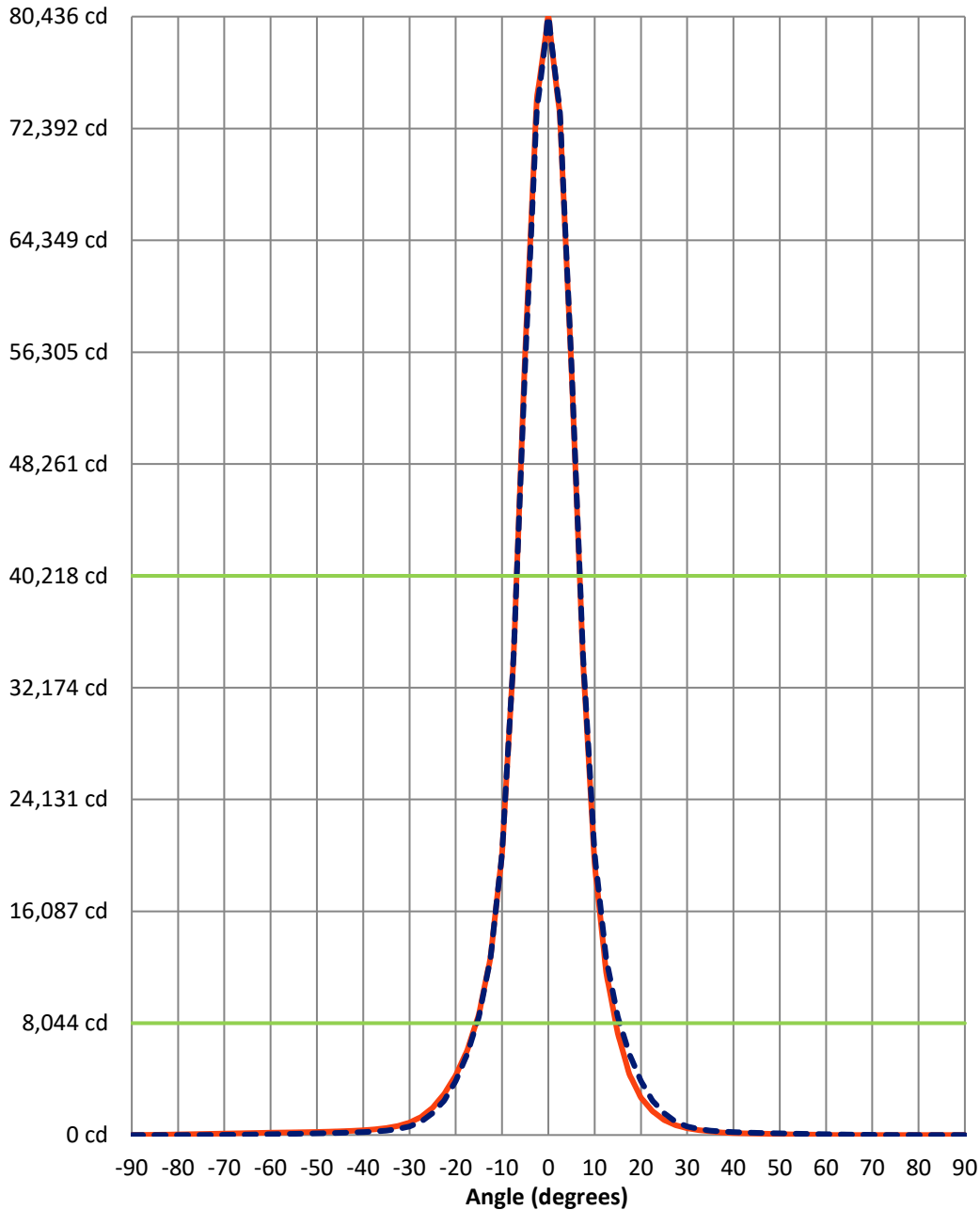
### Luminous Intensity Polar Plot



— 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: 2533.3  
Efficiency: 31.9%

**Field:**  
H Angle: 30.9°  
V Angle: 30.2°  
Lumens: 5642.4  
Efficiency: 71.1%

**Spill:**  
Lumens: 2292.7  
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1
72.5°	0.0	0.3	0.0	0.0	0.2	0.3	0.1	0.1	0.4	0.4	0.2
70°	0.0	0.3	0.1	0.0	0.3	0.4	0.2	0.5	0.7	0.6	0.2
67.5°	0.0	0.3	0.1	0.2	0.5	0.5	0.6	1.0	1.1	0.7	0.3
65°	0.0	0.4	0.1	0.4	0.7	0.7	1.0	1.4	1.1	0.8	0.5
62.5°	0.0	0.4	0.2	0.5	0.9	1.0	1.3	1.6	1.2	0.9	1.1
60°	0.0	0.5	0.2	0.7	1.1	1.2	1.7	1.7	1.3	1.2	1.6
57.5°	0.0	0.5	0.4	0.9	1.2	1.4	1.7	1.7	1.4	1.5	1.7
55°	0.0	0.6	0.5	1.1	1.3	1.6	1.7	1.7	1.6	1.7	1.7
52.5°	0.0	0.6	0.6	1.3	1.4	1.7	1.7	1.7	1.7	1.7	1.7
50°	0.0	0.7	0.8	1.5	1.5	1.7	1.7	1.7	1.7	1.7	2.0
47.5°	0.0	0.7	0.9	1.6	1.6	1.7	1.7	1.7	1.7	1.7	2.4
45°	0.0	0.8	1.0	1.7	1.6	1.7	1.7	1.7	1.8	2.1	2.8
42.5°	0.0	0.8	1.1	1.7	1.7	1.7	1.7	1.8	1.9	2.6	3.8
40°	0.0	0.9	1.2	1.7	1.7	1.7	1.7	1.9	2.2	3.1	4.8
37.5°	0.0	0.9	1.3	1.7	1.7	1.7	1.7	2.1	2.8	3.9	6.0
35°	0.0	1.0	1.3	1.7	1.7	1.7	1.7	2.3	3.4	5.0	7.3
32.5°	0.0	1.0	1.4	1.7	1.7	1.7	1.8	2.5	4.0	6.0	9.1
30°	0.0	1.1	1.5	1.7	1.7	1.7	1.9	2.8	4.7	7.0	11.0
27.5°	0.0	1.2	1.5	1.7	1.7	1.7	2.1	3.4	5.5	8.0	13.1
25°	0.0	1.2	1.6	1.7	1.7	1.7	2.3	3.9	6.3	9.4	15.3
22.5°	0.0	1.3	1.6	1.7	1.7	1.7	2.5	4.5	7.1	11.1	17.9
20°	0.0	1.3	1.6	1.7	1.7	1.9	2.7	5.0	7.8	12.9	20.3
17.5°	0.0	1.4	1.7	1.7	1.7	2.0	3.1	5.5	8.5	14.6	22.4
15°	0.0	1.4	1.7	1.7	1.7	2.2	3.4	6.1	9.1	16.3	24.4
12.5°	0.0	1.5	1.7	1.7	1.7	2.4	3.7	6.6	10.0	18.0	26.2
10°	0.0	1.5	1.7	1.7	1.7	2.6	4.0	7.1	11.1	19.6	27.8
7.5°	0.0	1.6	1.7	1.7	1.7	2.8	4.3	7.5	12.2	20.9	29.2
5°	0.0	1.6	1.7	1.7	1.7	3.0	4.6	7.9	13.3	22.1	30.4
2.5°	0.0	1.7	1.7	1.7	1.7	3.2	4.9	8.2	14.3	23.0	31.4
0°	0.0	1.7	1.7	1.7	1.7	3.4	5.1	8.5	15.3	23.8	32.3
-2.5°	0.0	1.7	1.7	1.7	1.8	3.6	5.5	9.0	16.2	24.4	33.4
-5°	0.0	1.7	1.7	1.7	2.0	3.7	6.0	9.5	16.9	24.9	34.3
-7.5°	0.0	1.7	1.7	1.7	2.1	3.9	6.3	9.9	17.5	25.3	35.0
-10°	0.0	1.7	1.7	1.7	2.3	4.0	6.7	10.3	18.0	25.6	35.5
-12.5°	0.0	1.7	1.7	1.7	2.4	4.1	6.9	10.6	18.2	25.8	36.1
-15°	0.0	1.6	1.7	1.7	2.5	4.2	7.2	10.8	18.3	26.4	36.7
-17.5°	0.0	1.6	1.7	1.7	2.5	4.3	7.3	11.1	18.2	26.6	37.0
-20°	0.0	1.6	1.7	1.7	2.6	4.4	7.4	11.3	17.9	26.6	37.0

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REPORT NUMBER: P626838 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-727-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	1.6	1.7	1.7	2.6	4.4	7.5	11.5	17.5	26.3	36.5
-25°	0.0	1.5	1.7	1.7	2.6	4.5	7.5	11.5	17.0	25.7	35.7
-27.5°	0.0	1.5	1.7	1.7	2.6	4.6	7.5	11.5	16.3	24.8	35.0
-30°	0.0	1.5	1.7	1.7	2.5	4.7	7.5	11.3	16.0	23.9	33.8
-32.5°	0.0	1.4	1.7	1.7	2.5	4.7	7.4	11.2	15.8	22.8	32.2
-35°	0.0	1.4	1.7	1.7	2.5	4.7	7.4	11.1	15.4	21.6	30.1
-37.5°	0.0	1.3	1.7	1.7	2.4	4.7	7.4	10.9	15.0	20.3	28.9
-40°	0.0	1.3	1.7	1.7	2.3	4.6	7.3	10.6	14.4	19.4	27.9
-42.5°	0.0	1.3	1.7	1.7	2.3	4.4	7.1	10.3	14.0	19.0	26.6
-45°	0.0	1.2	1.7	1.8	2.4	4.3	6.9	10.0	13.5	18.4	25.1
-47.5°	0.0	1.1	1.7	1.8	2.4	4.0	6.6	9.6	13.1	17.6	24.2
-50°	0.0	1.1	1.7	1.8	2.4	3.8	6.3	9.2	12.6	17.0	22.9
-52.5°	0.0	1.0	1.7	1.8	2.4	3.5	5.9	8.7	12.0	16.0	21.4
-55°	0.0	1.0	1.7	1.8	2.4	3.4	5.4	8.1	11.2	14.8	19.8
-57.5°	0.0	0.9	1.7	1.8	2.4	3.3	4.9	7.5	10.4	13.7	18.0
-60°	0.0	0.8	1.7	1.8	2.3	3.2	4.4	6.8	9.5	12.6	16.1
-62.5°	0.0	0.8	1.6	1.8	2.3	3.0	4.2	6.0	8.6	11.4	14.7
-65°	0.0	0.7	1.4	1.8	2.2	2.9	3.9	5.3	7.5	10.1	13.1
-67.5°	0.0	0.7	1.3	1.7	2.1	2.7	3.6	4.8	6.4	8.7	11.4
-70°	0.0	0.6	1.2	1.7	2.0	2.5	3.3	4.4	5.7	7.3	9.6
-72.5°	0.0	0.5	1.0	1.5	1.9	2.3	2.9	3.8	5.0	6.3	7.9
-75°	0.0	0.4	0.9	1.3	1.7	2.0	2.6	3.4	4.2	5.3	6.6
-77.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.9	3.7	4.4	5.3
-80°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.4	3.1	3.8	4.5
-82.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.9	2.6	3.2	3.8
-85°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.3	1.7	2.3	2.9
-87.5°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.6	0.9	1.1	1.4
-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	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.5	0.6	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.8	1.1	0.8	0.4	0.0	0.4	0.6	0.5	0.1	0.0	0.0
62.5°	1.6	1.3	0.9	0.7	1.0	1.3	1.0	0.6	0.2	0.8	1.2
60°	1.7	1.4	1.2	1.3	1.7	1.5	1.1	1.7	2.5	3.1	3.8
57.5°	1.7	1.6	1.5	1.8	1.9	1.9	3.0	4.0	5.6	7.0	7.9
55°	1.7	1.7	1.9	2.3	2.9	4.1	5.6	7.8	9.7	12.5	14.8
52.5°	1.9	1.9	2.6	3.5	5.1	7.0	9.7	12.9	16.5	19.2	22.1
50°	2.2	2.8	3.6	5.8	8.1	11.1	15.4	20.1	23.1	26.2	30.4
47.5°	3.0	3.9	6.0	8.5	11.8	16.5	22.5	25.9	28.9	33.8	39.0
45°	4.1	5.8	8.4	11.9	16.5	23.1	27.8	30.5	35.8	41.4	47.3
42.5°	5.2	8.0	11.6	15.3	22.4	28.7	33.0	37.4	42.7	49.2	55.6
40°	7.1	10.1	15.0	20.8	28.1	34.3	39.6	44.7	49.9	58.4	65.2
37.5°	9.0	13.5	18.9	26.2	33.8	40.5	46.5	52.8	60.2	69.8	75.9
35°	10.8	16.9	23.6	31.3	39.4	47.0	54.1	61.5	71.1	80.2	87.5
32.5°	13.4	20.4	27.9	36.3	44.6	53.2	61.8	70.7	80.1	89.5	99.1
30°	16.6	24.1	32.0	41.1	49.4	59.3	69.3	78.7	88.2	98.1	109.0
27.5°	19.8	27.6	36.2	45.3	54.0	65.3	76.1	85.9	95.7	106.4	118.7
25°	22.8	31.1	40.1	49.1	59.3	71.4	83.3	94.6	102.9	115.0	129.4
22.5°	25.7	34.5	44.3	52.5	64.4	77.6	91.4	103.6	113.4	124.2	140.5
20°	28.6	38.1	48.1	57.3	69.5	83.7	100.1	112.7	124.9	138.7	155.4
17.5°	31.3	41.4	51.9	62.8	75.7	90.4	109.1	121.8	136.4	153.0	174.1
15°	33.9	44.5	55.7	67.9	81.3	97.1	115.1	131.0	148.5	167.7	192.5
12.5°	36.4	47.3	59.5	72.7	86.2	102.9	120.2	137.1	157.2	182.3	213.6
10°	38.6	49.8	63.1	77.1	90.5	107.8	124.7	142.3	163.5	191.0	226.8
7.5°	40.4	52.3	66.5	81.0	94.2	111.8	128.5	146.5	168.7	198.2	235.8
5°	42.0	55.0	69.7	83.6	97.3	115.3	131.8	149.9	172.9	203.9	242.2
2.5°	43.3	57.5	72.5	85.4	100.0	118.4	134.3	153.6	177.2	208.3	248.1
0°	44.3	59.6	74.9	86.8	102.2	120.9	136.2	156.6	180.5	211.1	253.7
-2.5°	46.4	61.4	76.3	88.4	104.5	121.3	137.4	157.0	181.8	213.3	254.7
-5°	48.1	62.8	77.4	89.6	106.3	121.3	138.0	156.7	182.2	214.6	256.6
-7.5°	49.4	63.9	78.0	90.6	107.2	121.8	138.7	157.9	183.5	215.8	259.0
-10°	50.3	64.7	78.6	91.8	107.5	122.4	139.0	158.2	183.3	215.0	257.7
-12.5°	50.7	65.2	78.9	92.5	107.4	122.3	138.6	157.4	181.4	212.3	252.4
-15°	50.9	65.3	78.8	92.6	107.1	121.6	137.5	155.6	178.1	207.8	244.2
-17.5°	50.7	65.2	78.5	92.0	106.8	120.2	135.8	153.2	174.6	202.4	237.4
-20°	50.3	64.9	77.9	90.8	106.2	118.9	134.1	150.9	171.0	196.2	227.6

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626838 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-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°	49.6	64.3	77.1	89.5	104.3	117.7	131.9	147.9	165.9	188.8	216.6
-25°	48.8	63.1	76.0	88.6	102.1	115.9	129.2	144.4	160.9	182.8	207.9
-27.5°	47.7	61.6	74.5	87.2	99.9	113.4	126.4	140.7	157.1	176.4	198.8
-30°	46.1	59.5	72.5	85.4	97.9	110.6	123.1	136.8	152.2	170.4	191.1
-32.5°	44.1	57.2	69.9	82.7	95.6	107.8	119.6	132.7	147.2	163.1	182.8
-35°	42.1	54.7	67.1	79.3	92.9	104.6	116.0	128.1	141.5	156.3	172.4
-37.5°	40.2	52.1	64.1	75.6	88.5	100.7	111.8	123.3	135.7	149.3	163.8
-40°	38.1	49.2	60.9	72.2	83.5	95.9	107.0	118.1	129.6	143.2	156.1
-42.5°	36.0	46.8	57.7	68.7	79.4	90.5	101.6	112.3	124.4	137.3	150.0
-45°	34.3	44.2	54.3	65.0	75.7	85.7	96.1	106.0	118.4	131.3	143.7
-47.5°	32.2	41.7	51.5	61.2	71.6	81.6	90.9	101.0	111.5	123.7	136.7
-50°	30.1	39.0	48.1	57.2	67.1	77.1	86.5	95.8	105.7	115.8	127.0
-52.5°	28.2	36.1	44.5	52.8	62.2	72.0	81.5	90.8	99.9	109.4	119.0
-55°	26.1	33.3	40.7	48.5	56.7	66.1	75.5	84.6	93.9	102.7	112.1
-57.5°	23.7	30.1	36.9	44.3	51.7	59.4	68.6	77.6	86.3	95.2	104.9
-60°	21.0	26.7	32.9	39.7	46.9	54.0	61.4	69.7	78.2	86.6	95.6
-62.5°	18.2	23.2	28.7	34.6	41.3	48.3	55.0	62.1	69.7	77.1	84.8
-65°	16.3	19.8	24.5	29.7	35.3	41.5	47.9	54.4	61.1	67.3	73.3
-67.5°	14.3	17.5	20.9	24.8	29.8	35.0	40.2	46.1	52.1	57.8	63.3
-70°	12.2	15.0	18.1	21.3	24.8	29.1	34.0	38.7	43.3	48.1	53.2
-72.5°	10.0	12.4	15.1	17.9	20.9	24.3	28.0	32.1	36.2	40.1	44.2
-75°	8.2	9.8	12.0	14.3	16.9	19.6	22.3	25.5	28.9	32.4	35.9
-77.5°	6.8	8.2	9.7	11.2	13.0	15.5	17.8	20.2	22.6	25.2	28.0
-80°	5.5	6.7	8.0	9.3	10.6	12.1	13.7	15.6	17.3	19.0	20.9
-82.5°	4.6	5.5	6.4	7.5	8.2	9.0	9.9	11.0	12.1	13.3	14.5
-85°	3.5	4.2	4.9	5.6	5.9	6.3	6.7	7.2	7.9	8.6	9.3
-87.5°	1.8	2.1	2.5	2.9	3.1	3.3	3.4	3.6	4.1	4.6	5.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626838 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	0.1	0.0	0.0	0.0	0.0	0.3	0.4	0.4	0.2	0.0	0.0
62.5°	1.0	0.8	1.3	1.8	1.9	1.9	1.7	1.5	1.3	1.2	1.4
60°	4.1	4.0	5.6	6.3	5.8	4.1	6.4	7.6	7.3	6.2	6.2
57.5°	10.0	12.1	13.7	14.4	16.6	20.3	20.9	19.7	19.3	19.7	22.8
55°	17.3	19.0	19.9	23.0	25.7	27.7	28.9	30.1	31.9	34.0	36.2
52.5°	24.5	26.8	28.7	31.4	34.7	35.9	35.6	39.8	43.1	45.2	46.1
50°	33.6	36.6	40.8	45.2	47.1	48.9	50.8	54.3	59.3	65.6	69.2
47.5°	43.5	48.2	52.6	57.6	60.1	62.0	64.9	70.9	78.1	84.8	88.3
45°	52.4	56.5	61.6	65.9	69.0	72.7	76.9	82.3	90.4	97.4	102.3
42.5°	59.5	64.2	69.4	74.6	77.7	82.8	89.1	96.5	105.0	112.3	117.8
40°	69.5	73.4	81.8	86.7	87.9	92.6	105.4	115.5	125.0	134.1	138.6
37.5°	81.5	89.3	97.9	102.4	106.8	115.2	132.2	148.5	160.6	172.9	179.6
35°	95.3	105.5	117.3	122.5	131.9	150.1	170.1	192.9	221.2	233.1	243.9
32.5°	108.6	120.0	130.9	142.7	159.1	180.9	203.5	240.3	274.8	301.4	320.9
30°	120.4	132.5	146.0	161.2	184.4	214.4	252.1	299.8	348.4	390.7	426.5
27.5°	132.1	145.8	161.9	184.6	217.2	258.0	318.1	386.2	467.2	526.9	598.2
25°	144.9	160.6	181.2	214.1	258.2	319.1	415.3	525.8	658.6	766.4	879.1
22.5°	160.0	183.3	209.4	246.1	322.9	423.4	554.8	743.7	948.0	1137.0	1319.0
20°	178.4	210.1	252.0	319.5	418.3	566.8	795.1	1096.5	1397.1	1717.2	2025.3
17.5°	204.5	250.2	315.4	411.5	541.6	835.4	1205.7	1672.0	2271.1	2814.0	3288.0
15°	229.0	283.7	386.5	530.2	757.1	1146.5	1709.0	2478.6	3412.3	4263.2	5161.9
12.5°	254.7	319.3	437.4	620.3	935.7	1442.5	2233.0	3287.6	4456.7	5739.1	7199.9
10°	275.1	353.6	494.9	726.9	1115.6	1746.7	2688.2	3967.3	5520.9	7418.8	9753.9
7.5°	288.9	381.0	542.4	804.9	1281.2	2057.8	3191.3	4728.6	6670.9	9185.2	12452.7
5°	299.6	401.9	578.1	876.0	1421.2	2295.3	3564.0	5395.3	7692.9	11061.7	16599.1
2.5°	308.2	417.9	600.2	924.9	1509.2	2460.7	3814.0	5772.5	8301.3	12449.0	19633.1
0°	315.0	432.5	614.6	955.1	1576.6	2477.2	3892.1	5841.5	8519.6	12699.4	20286.0
-2.5°	317.9	440.2	619.5	961.8	1569.8	2505.6	3915.9	5896.6	8511.4	12562.2	19556.8
-5°	322.7	440.1	615.8	955.0	1534.6	2432.2	3760.4	5588.1	7997.9	11481.8	17212.3
-7.5°	326.1	433.1	598.0	911.7	1442.5	2273.5	3487.1	5076.9	7063.4	9708.6	13257.7
-10°	322.9	419.6	568.3	839.1	1299.3	2019.0	3071.6	4402.1	6053.0	8013.3	10424.7
-12.5°	310.8	394.8	519.8	737.4	1113.7	1733.8	2653.5	3786.3	5008.3	6385.0	8051.3
-15°	295.4	367.9	476.1	667.7	976.2	1451.2	2122.7	3041.6	4021.9	5067.1	6181.8
-17.5°	283.5	344.4	434.0	572.7	799.6	1177.3	1704.9	2357.8	3078.1	3873.9	4534.4
-20°	267.3	315.4	390.6	503.9	677.1	927.2	1311.5	1785.8	2261.1	2820.7	3277.0

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REPORT NUMBER: P626838 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-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°	251.0	293.0	350.2	433.1	561.9	751.0	988.4	1305.1	1652.7	1973.8	2290.0
-25°	236.0	268.3	314.5	382.5	469.9	599.0	768.0	949.6	1178.8	1374.2	1591.2
-27.5°	223.8	251.5	285.7	335.5	403.3	486.3	607.4	729.1	849.6	948.2	1097.6
-30°	212.0	234.4	262.9	298.4	349.3	413.2	491.8	570.8	640.3	703.7	781.5
-32.5°	200.4	218.6	240.5	270.0	306.5	354.6	402.9	459.4	507.8	552.4	593.7
-35°	188.9	205.0	221.7	246.6	275.7	309.8	344.9	383.3	416.7	446.8	473.4
-37.5°	178.4	192.6	208.3	226.8	250.3	276.0	304.6	332.5	354.6	374.1	390.2
-40°	169.6	182.5	195.9	210.8	228.6	248.9	273.2	296.5	312.0	323.8	333.6
-42.5°	161.7	173.1	184.5	197.1	210.8	228.4	247.6	266.7	277.2	286.5	293.6
-45°	155.3	164.1	173.7	184.5	196.6	211.3	226.4	239.7	249.0	256.9	262.8
-47.5°	147.0	155.4	163.7	172.6	184.0	196.2	208.7	218.8	227.0	233.9	238.4
-50°	137.8	146.6	154.2	162.0	172.5	182.9	192.9	201.3	209.1	215.9	219.4
-52.5°	128.3	137.8	145.8	153.4	162.1	171.2	180.3	187.5	194.3	200.6	203.3
-55°	121.4	130.1	138.4	145.6	152.7	160.0	167.4	174.9	181.7	187.7	189.5
-57.5°	114.0	122.9	131.1	137.5	144.0	150.5	157.3	164.1	170.6	176.4	177.9
-60°	104.9	114.6	121.9	127.9	134.2	140.7	146.6	152.6	158.7	163.8	165.4
-62.5°	93.4	102.3	109.4	115.8	121.9	127.5	133.3	138.9	144.3	148.3	149.6
-65°	79.6	87.1	94.5	101.2	107.3	112.7	118.0	123.1	128.0	131.5	133.3
-67.5°	68.7	74.1	80.1	85.8	91.9	97.5	102.3	106.8	111.0	114.0	115.9
-70°	58.3	63.4	69.0	74.4	79.7	84.2	88.0	91.8	95.4	98.0	100.0
-72.5°	48.2	52.6	57.2	62.1	66.9	71.0	74.4	77.8	80.9	83.1	85.0
-75°	39.2	42.8	46.7	50.6	54.5	57.7	60.7	63.5	66.3	68.3	70.0
-77.5°	31.0	34.1	37.2	40.3	43.3	45.7	47.8	49.9	52.0	53.6	55.0
-80°	23.0	25.4	27.8	30.3	32.8	34.6	36.2	37.7	39.2	40.1	40.9
-82.5°	15.7	17.4	19.1	20.8	22.5	23.9	25.1	26.4	27.6	28.1	28.4
-85°	10.0	10.9	11.8	12.7	13.7	14.4	15.1	15.8	16.4	17.0	17.6
-87.5°	5.6	5.7	5.9	6.0	6.2	6.7	7.2	7.7	8.2	8.3	8.4
-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: P626838 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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	0.2	0.4
62.5°	1.5	1.6	1.7	1.7	1.7	1.6	1.5	1.4	1.2	1.3	1.5
60°	5.8	5.2	5.1	5.1	5.1	5.2	5.8	6.2	6.2	7.3	7.6
57.5°	25.9	28.8	29.6	28.9	29.6	28.8	25.9	22.8	19.7	19.3	19.7
55°	37.7	38.6	39.1	39.2	39.1	38.6	37.7	36.2	34.0	31.9	30.1
52.5°	46.3	46.0	45.9	46.0	45.9	46.0	46.3	46.1	45.2	43.1	39.8
50°	69.5	68.2	67.7	68.1	67.7	68.2	69.5	69.2	65.6	59.3	54.3
47.5°	88.8	89.2	89.8	90.2	89.8	89.2	88.8	88.3	84.8	78.1	70.9
45°	103.7	104.6	105.3	105.6	105.3	104.6	103.7	102.3	97.4	90.4	82.3
42.5°	118.9	119.0	118.9	119.2	118.9	119.0	118.9	117.8	112.3	105.0	96.5
40°	140.4	140.8	140.4	139.6	140.4	140.8	140.4	138.6	134.1	125.0	115.5
37.5°	183.5	184.1	182.1	180.5	182.1	184.1	183.5	179.6	172.9	160.6	148.5
35°	253.7	261.0	264.5	265.6	264.5	261.0	253.7	243.9	233.1	221.2	192.9
32.5°	334.4	344.5	349.6	354.1	349.6	344.5	334.4	320.9	301.4	274.8	240.3
30°	450.0	468.7	476.9	488.6	476.9	468.7	450.0	426.5	390.7	348.4	299.8
27.5°	638.7	671.5	689.6	706.6	689.6	671.5	638.7	598.2	526.9	467.2	386.2
25°	961.1	1024.3	1065.2	1084.5	1065.2	1024.3	961.1	879.1	766.4	658.6	525.8
22.5°	1495.1	1611.6	1701.6	1719.6	1701.6	1611.6	1495.1	1319.0	1137.0	948.0	743.7
20°	2324.3	2491.1	2626.8	2695.2	2626.8	2491.1	2324.3	2025.3	1717.2	1397.1	1096.5
17.5°	3852.6	4199.6	4358.1	4384.1	4358.1	4199.6	3852.6	3288.0	2814.0	2271.1	1672.0
15°	6126.3	6713.4	7086.2	7326.1	7086.2	6713.4	6126.3	5161.9	4263.2	3412.3	2478.6
12.5°	8720.5	10388.8	11338.1	11700.0	11338.1	10388.8	8720.5	7199.9	5739.1	4456.7	3287.6
10°	12241.4	16168.8	18434.3	19574.3	18434.3	16168.8	12241.4	9753.9	7418.8	5520.9	3967.3
7.5°	18217.2	24283.2	31004.0	34113.4	31004.0	24283.2	18217.2	12452.7	9185.2	6670.9	4728.6
5°	24499.2	37817.6	49507.3	55105.1	49507.3	37817.6	24499.2	16599.1	11061.7	7692.9	5395.3
2.5°	31719.4	49680.5	66287.0	73269.7	66287.0	49680.5	31719.4	19633.1	12449.0	8301.3	5772.5
0°	34498.2	55420.1	73582.1	80435.8	73582.1	55420.1	34498.2	20286.0	12699.4	8519.6	5841.5
-2.5°	32148.9	50550.7	66572.3	74403.6	66572.3	50550.7	32148.9	19556.8	12562.2	8511.4	5896.6
-5°	25544.0	38026.0	49891.6	56273.0	49891.6	38026.0	25544.0	17212.3	11481.8	7997.9	5588.1
-7.5°	18747.7	25542.8	32132.5	34436.9	32132.5	25542.8	18747.7	13257.7	9708.6	7063.4	5076.9
-10°	13052.5	16943.6	19512.2	20245.2	19512.2	16943.6	13052.5	10424.7	8013.3	6053.0	4402.1
-12.5°	9677.2	11379.1	12563.3	12769.2	12563.3	11379.1	9677.2	8051.3	6385.0	5008.3	3786.3
-15°	7165.7	8031.2	8641.9	8683.1	8641.9	8031.2	7165.7	6181.8	5067.1	4021.9	3041.6
-17.5°	5238.1	5819.1	6127.3	6105.4	6127.3	5819.1	5238.1	4534.4	3873.9	3078.1	2357.8
-20°	3745.6	4095.7	4344.1	4295.6	4344.1	4095.7	3745.6	3277.0	2820.7	2261.1	1785.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626838 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-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°	2611.7	2844.2	2989.7	2952.2	2989.7	2844.2	2611.7	2290.0	1973.8	1652.7	1305.1
-25°	1774.6	1901.3	1973.3	1961.4	1973.3	1901.3	1774.6	1591.2	1374.2	1178.8	949.6
-27.5°	1209.3	1276.2	1298.6	1297.4	1298.6	1276.2	1209.3	1097.6	948.2	849.6	729.1
-30°	839.3	884.3	910.0	893.8	910.0	884.3	839.3	781.5	703.7	640.3	570.8
-32.5°	625.6	650.9	665.6	650.4	665.6	650.9	625.6	593.7	552.4	507.8	459.4
-35°	493.0	505.9	511.0	502.3	511.0	505.9	493.0	473.4	446.8	416.7	383.3
-37.5°	401.9	409.4	412.0	406.9	412.0	409.4	401.9	390.2	374.1	354.6	332.5
-40°	340.6	345.2	346.3	342.2	346.3	345.2	340.6	333.6	323.8	312.0	296.5
-42.5°	298.0	300.8	301.4	299.7	301.4	300.8	298.0	293.6	286.5	277.2	266.7
-45°	266.3	268.7	269.1	267.3	269.1	268.7	266.3	262.8	256.9	249.0	239.7
-47.5°	240.7	242.2	242.5	241.8	242.5	242.2	240.7	238.4	233.9	227.0	218.8
-50°	221.0	222.0	222.1	221.3	222.1	222.0	221.0	219.4	215.9	209.1	201.3
-52.5°	204.6	205.3	205.8	206.0	205.8	205.3	204.6	203.3	200.6	194.3	187.5
-55°	190.8	191.7	192.2	192.4	192.2	191.7	190.8	189.5	187.7	181.7	174.9
-57.5°	179.0	179.8	180.3	180.5	180.3	179.8	179.0	177.9	176.4	170.6	164.1
-60°	166.7	167.7	168.4	168.6	168.4	167.7	166.7	165.4	163.8	158.7	152.6
-62.5°	150.5	150.9	151.3	151.5	151.3	150.9	150.5	149.6	148.3	144.3	138.9
-65°	134.6	135.5	136.0	136.2	136.0	135.5	134.6	133.3	131.5	128.0	123.1
-67.5°	117.4	118.6	119.8	120.9	119.8	118.6	117.4	115.9	114.0	111.0	106.8
-70°	101.8	103.3	103.8	103.9	103.8	103.3	101.8	100.0	98.0	95.4	91.8
-72.5°	86.6	88.0	89.2	90.2	89.2	88.0	86.6	85.0	83.1	80.9	77.8
-75°	71.5	72.8	73.1	73.2	73.1	72.8	71.5	70.0	68.3	66.3	63.5
-77.5°	56.3	57.6	57.8	57.9	57.8	57.6	56.3	55.0	53.6	52.0	49.9
-80°	41.7	42.4	43.4	44.3	43.4	42.4	41.7	40.9	40.1	39.2	37.7
-82.5°	28.6	28.8	28.9	28.9	28.9	28.8	28.6	28.4	28.1	27.6	26.4
-85°	18.1	18.6	18.7	18.7	18.7	18.6	18.1	17.6	17.0	16.4	15.8
-87.5°	8.4	8.5	8.5	8.5	8.5	8.5	8.4	8.4	8.3	8.2	7.7
-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: P626838 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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	0.1
65°	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.5
62.5°	1.7	1.9	1.9	1.8	1.3	0.8	1.0	1.2	0.8	0.2	0.6
60°	6.4	4.1	5.8	6.3	5.6	4.0	4.1	3.8	3.1	2.5	1.7
57.5°	20.9	20.3	16.6	14.4	13.7	12.1	10.0	7.9	7.0	5.6	4.0
55°	28.9	27.7	25.7	23.0	19.9	19.0	17.3	14.8	12.5	9.7	7.8
52.5°	35.6	35.9	34.7	31.4	28.7	26.8	24.5	22.1	19.2	16.5	12.9
50°	50.8	48.9	47.1	45.2	40.8	36.6	33.6	30.4	26.2	23.1	20.1
47.5°	64.9	62.0	60.1	57.6	52.6	48.2	43.5	39.0	33.8	28.9	25.9
45°	76.9	72.7	69.0	65.9	61.6	56.5	52.4	47.3	41.4	35.8	30.5
42.5°	89.1	82.8	77.7	74.6	69.4	64.2	59.5	55.6	49.2	42.7	37.4
40°	105.4	92.6	87.9	86.7	81.8	73.4	69.5	65.2	58.4	49.9	44.7
37.5°	132.2	115.2	106.8	102.4	97.9	89.3	81.5	75.9	69.8	60.2	52.8
35°	170.1	150.1	131.9	122.5	117.3	105.5	95.3	87.5	80.2	71.1	61.5
32.5°	203.5	180.9	159.1	142.7	130.9	120.0	108.6	99.1	89.5	80.1	70.7
30°	252.1	214.4	184.4	161.2	146.0	132.5	120.4	109.0	98.1	88.2	78.7
27.5°	318.1	258.0	217.2	184.6	161.9	145.8	132.1	118.7	106.4	95.7	85.9
25°	415.3	319.1	258.2	214.1	181.2	160.6	144.9	129.4	115.0	102.9	94.6
22.5°	554.8	423.4	322.9	246.1	209.4	183.3	160.0	140.5	124.2	113.4	103.6
20°	795.1	566.8	418.3	319.5	252.0	210.1	178.4	155.4	138.7	124.9	112.7
17.5°	1205.7	835.4	541.6	411.5	315.4	250.2	204.5	174.1	153.0	136.4	121.8
15°	1709.0	1146.5	757.1	530.2	386.5	283.7	229.0	192.5	167.7	148.5	131.0
12.5°	2233.0	1442.5	935.7	620.3	437.4	319.3	254.7	213.6	182.3	157.2	137.1
10°	2688.2	1746.7	1115.6	726.9	494.9	353.6	275.1	226.8	191.0	163.5	142.3
7.5°	3191.3	2057.8	1281.2	804.9	542.4	381.0	288.9	235.8	198.2	168.7	146.5
5°	3564.0	2295.3	1421.2	876.0	578.1	401.9	299.6	242.2	203.9	172.9	149.9
2.5°	3814.0	2460.7	1509.2	924.9	600.2	417.9	308.2	248.1	208.3	177.2	153.6
0°	3892.1	2477.2	1576.6	955.1	614.6	432.5	315.0	253.7	211.1	180.5	156.6
-2.5°	3915.9	2505.6	1569.8	961.8	619.5	440.2	317.9	254.7	213.3	181.8	157.0
-5°	3760.4	2432.2	1534.6	955.0	615.8	440.1	322.7	256.6	214.6	182.2	156.7
-7.5°	3487.1	2273.5	1442.5	911.7	598.0	433.1	326.1	259.0	215.8	183.5	157.9
-10°	3071.6	2019.0	1299.3	839.1	568.3	419.6	322.9	257.7	215.0	183.3	158.2
-12.5°	2653.5	1733.8	1113.7	737.4	519.8	394.8	310.8	252.4	212.3	181.4	157.4
-15°	2122.7	1451.2	976.2	667.7	476.1	367.9	295.4	244.2	207.8	178.1	155.6
-17.5°	1704.9	1177.3	799.6	572.7	434.0	344.4	283.5	237.4	202.4	174.6	153.2
-20°	1311.5	927.2	677.1	503.9	390.6	315.4	267.3	227.6	196.2	171.0	150.9



REPORT NUMBER: P626838 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	988.4	751.0	561.9	433.1	350.2	293.0	251.0	216.6	188.8	165.9	147.9
-25°	768.0	599.0	469.9	382.5	314.5	268.3	236.0	207.9	182.8	160.9	144.4
-27.5°	607.4	486.3	403.3	335.5	285.7	251.5	223.8	198.8	176.4	157.1	140.7
-30°	491.8	413.2	349.3	298.4	262.9	234.4	212.0	191.1	170.4	152.2	136.8
-32.5°	402.9	354.6	306.5	270.0	240.5	218.6	200.4	182.8	163.1	147.2	132.7
-35°	344.9	309.8	275.7	246.6	221.7	205.0	188.9	172.4	156.3	141.5	128.1
-37.5°	304.6	276.0	250.3	226.8	208.3	192.6	178.4	163.8	149.3	135.7	123.3
-40°	273.2	248.9	228.6	210.8	195.9	182.5	169.6	156.1	143.2	129.6	118.1
-42.5°	247.6	228.4	210.8	197.1	184.5	173.1	161.7	150.0	137.3	124.4	112.3
-45°	226.4	211.3	196.6	184.5	173.7	164.1	155.3	143.7	131.3	118.4	106.0
-47.5°	208.7	196.2	184.0	172.6	163.7	155.4	147.0	136.7	123.7	111.5	101.0
-50°	192.9	182.9	172.5	162.0	154.2	146.6	137.8	127.0	115.8	105.7	95.8
-52.5°	180.3	171.2	162.1	153.4	145.8	137.8	128.3	119.0	109.4	99.9	90.8
-55°	167.4	160.0	152.7	145.6	138.4	130.1	121.4	112.1	102.7	93.9	84.6
-57.5°	157.3	150.5	144.0	137.5	131.1	122.9	114.0	104.9	95.2	86.3	77.6
-60°	146.6	140.7	134.2	127.9	121.9	114.6	104.9	95.6	86.6	78.2	69.7
-62.5°	133.3	127.5	121.9	115.8	109.4	102.3	93.4	84.8	77.1	69.7	62.1
-65°	118.0	112.7	107.3	101.2	94.5	87.1	79.6	73.3	67.3	61.1	54.4
-67.5°	102.3	97.5	91.9	85.8	80.1	74.1	68.7	63.3	57.8	52.1	46.1
-70°	88.0	84.2	79.7	74.4	69.0	63.4	58.3	53.2	48.1	43.3	38.7
-72.5°	74.4	71.0	66.9	62.1	57.2	52.6	48.2	44.2	40.1	36.2	32.1
-75°	60.7	57.7	54.5	50.6	46.7	42.8	39.2	35.9	32.4	28.9	25.5
-77.5°	47.8	45.7	43.3	40.3	37.2	34.1	31.0	28.0	25.2	22.6	20.2
-80°	36.2	34.6	32.8	30.3	27.8	25.4	23.0	20.9	19.0	17.3	15.6
-82.5°	25.1	23.9	22.5	20.8	19.1	17.4	15.7	14.5	13.3	12.1	11.0
-85°	15.1	14.4	13.7	12.7	11.8	10.9	10.0	9.3	8.6	7.9	7.2
-87.5°	7.2	6.7	6.2	6.0	5.9	5.7	5.6	5.1	4.6	4.1	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA2B-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	0.1	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.4	0.1
70°	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.2	0.6	0.7	0.5
67.5°	0.0	0.0	0.0	0.4	0.6	0.5	0.1	0.3	0.7	1.1	1.0
65°	0.6	0.4	0.0	0.4	0.8	1.1	0.8	0.5	0.8	1.1	1.4
62.5°	1.0	1.3	1.0	0.7	0.9	1.3	1.6	1.1	0.9	1.2	1.6
60°	1.1	1.5	1.7	1.3	1.2	1.4	1.7	1.6	1.2	1.3	1.7
57.5°	3.0	1.9	1.9	1.8	1.5	1.6	1.7	1.7	1.5	1.4	1.7
55°	5.6	4.1	2.9	2.3	1.9	1.7	1.7	1.7	1.7	1.6	1.7
52.5°	9.7	7.0	5.1	3.5	2.6	1.9	1.9	1.7	1.7	1.7	1.7
50°	15.4	11.1	8.1	5.8	3.6	2.8	2.2	2.0	1.7	1.7	1.7
47.5°	22.5	16.5	11.8	8.5	6.0	3.9	3.0	2.4	1.7	1.7	1.7
45°	27.8	23.1	16.5	11.9	8.4	5.8	4.1	2.8	2.1	1.8	1.7
42.5°	33.0	28.7	22.4	15.3	11.6	8.0	5.2	3.8	2.6	1.9	1.8
40°	39.6	34.3	28.1	20.8	15.0	10.1	7.1	4.8	3.1	2.2	1.9
37.5°	46.5	40.5	33.8	26.2	18.9	13.5	9.0	6.0	3.9	2.8	2.1
35°	54.1	47.0	39.4	31.3	23.6	16.9	10.8	7.3	5.0	3.4	2.3
32.5°	61.8	53.2	44.6	36.3	27.9	20.4	13.4	9.1	6.0	4.0	2.5
30°	69.3	59.3	49.4	41.1	32.0	24.1	16.6	11.0	7.0	4.7	2.8
27.5°	76.1	65.3	54.0	45.3	36.2	27.6	19.8	13.1	8.0	5.5	3.4
25°	83.3	71.4	59.3	49.1	40.1	31.1	22.8	15.3	9.4	6.3	3.9
22.5°	91.4	77.6	64.4	52.5	44.3	34.5	25.7	17.9	11.1	7.1	4.5
20°	100.1	83.7	69.5	57.3	48.1	38.1	28.6	20.3	12.9	7.8	5.0
17.5°	109.1	90.4	75.7	62.8	51.9	41.4	31.3	22.4	14.6	8.5	5.5
15°	115.1	97.1	81.3	67.9	55.7	44.5	33.9	24.4	16.3	9.1	6.1
12.5°	120.2	102.9	86.2	72.7	59.5	47.3	36.4	26.2	18.0	10.0	6.6
10°	124.7	107.8	90.5	77.1	63.1	49.8	38.6	27.8	19.6	11.1	7.1
7.5°	128.5	111.8	94.2	81.0	66.5	52.3	40.4	29.2	20.9	12.2	7.5
5°	131.8	115.3	97.3	83.6	69.7	55.0	42.0	30.4	22.1	13.3	7.9
2.5°	134.3	118.4	100.0	85.4	72.5	57.5	43.3	31.4	23.0	14.3	8.2
0°	136.2	120.9	102.2	86.8	74.9	59.6	44.3	32.3	23.8	15.3	8.5
-2.5°	137.4	121.3	104.5	88.4	76.3	61.4	46.4	33.4	24.4	16.2	9.0
-5°	138.0	121.3	106.3	89.6	77.4	62.8	48.1	34.3	24.9	16.9	9.5
-7.5°	138.7	121.8	107.2	90.6	78.0	63.9	49.4	35.0	25.3	17.5	9.9
-10°	139.0	122.4	107.5	91.8	78.6	64.7	50.3	35.5	25.6	18.0	10.3
-12.5°	138.6	122.3	107.4	92.5	78.9	65.2	50.7	36.1	25.8	18.2	10.6
-15°	137.5	121.6	107.1	92.6	78.8	65.3	50.9	36.7	26.4	18.3	10.8
-17.5°	135.8	120.2	106.8	92.0	78.5	65.2	50.7	37.0	26.6	18.2	11.1
-20°	134.1	118.9	106.2	90.8	77.9	64.9	50.3	37.0	26.6	17.9	11.3

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REPORT NUMBER: P626838 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-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°	131.9	117.7	104.3	89.5	77.1	64.3	49.6	36.5	26.3	17.5	11.5
-25°	129.2	115.9	102.1	88.6	76.0	63.1	48.8	35.7	25.7	17.0	11.5
-27.5°	126.4	113.4	99.9	87.2	74.5	61.6	47.7	35.0	24.8	16.3	11.5
-30°	123.1	110.6	97.9	85.4	72.5	59.5	46.1	33.8	23.9	16.0	11.3
-32.5°	119.6	107.8	95.6	82.7	69.9	57.2	44.1	32.2	22.8	15.8	11.2
-35°	116.0	104.6	92.9	79.3	67.1	54.7	42.1	30.1	21.6	15.4	11.1
-37.5°	111.8	100.7	88.5	75.6	64.1	52.1	40.2	28.9	20.3	15.0	10.9
-40°	107.0	95.9	83.5	72.2	60.9	49.2	38.1	27.9	19.4	14.4	10.6
-42.5°	101.6	90.5	79.4	68.7	57.7	46.8	36.0	26.6	19.0	14.0	10.3
-45°	96.1	85.7	75.7	65.0	54.3	44.2	34.3	25.1	18.4	13.5	10.0
-47.5°	90.9	81.6	71.6	61.2	51.5	41.7	32.2	24.2	17.6	13.1	9.6
-50°	86.5	77.1	67.1	57.2	48.1	39.0	30.1	22.9	17.0	12.6	9.2
-52.5°	81.5	72.0	62.2	52.8	44.5	36.1	28.2	21.4	16.0	12.0	8.7
-55°	75.5	66.1	56.7	48.5	40.7	33.3	26.1	19.8	14.8	11.2	8.1
-57.5°	68.6	59.4	51.7	44.3	36.9	30.1	23.7	18.0	13.7	10.4	7.5
-60°	61.4	54.0	46.9	39.7	32.9	26.7	21.0	16.1	12.6	9.5	6.8
-62.5°	55.0	48.3	41.3	34.6	28.7	23.2	18.2	14.7	11.4	8.6	6.0
-65°	47.9	41.5	35.3	29.7	24.5	19.8	16.3	13.1	10.1	7.5	5.3
-67.5°	40.2	35.0	29.8	24.8	20.9	17.5	14.3	11.4	8.7	6.4	4.8
-70°	34.0	29.1	24.8	21.3	18.1	15.0	12.2	9.6	7.3	5.7	4.4
-72.5°	28.0	24.3	20.9	17.9	15.1	12.4	10.0	7.9	6.3	5.0	3.8
-75°	22.3	19.6	16.9	14.3	12.0	9.8	8.2	6.6	5.3	4.2	3.4
-77.5°	17.8	15.5	13.0	11.2	9.7	8.2	6.8	5.3	4.4	3.7	2.9
-80°	13.7	12.1	10.6	9.3	8.0	6.7	5.5	4.5	3.8	3.1	2.4
-82.5°	9.9	9.0	8.2	7.5	6.4	5.5	4.6	3.8	3.2	2.6	1.9
-85°	6.7	6.3	5.9	5.6	4.9	4.2	3.5	2.9	2.3	1.7	1.3
-87.5°	3.4	3.3	3.1	2.9	2.5	2.1	1.8	1.4	1.1	0.9	0.6
-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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CATALOG NUMBER: GFLD-SA2B-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	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.2	0.0
72.5°	0.1	0.3	0.2	0.0	0.0	0.3	0.0
70°	0.2	0.4	0.3	0.0	0.1	0.3	0.0
67.5°	0.6	0.5	0.5	0.2	0.1	0.3	0.0
65°	1.0	0.7	0.7	0.4	0.1	0.4	0.0
62.5°	1.3	1.0	0.9	0.5	0.2	0.4	0.0
60°	1.7	1.2	1.1	0.7	0.2	0.5	0.0
57.5°	1.7	1.4	1.2	0.9	0.4	0.5	0.0
55°	1.7	1.6	1.3	1.1	0.5	0.6	0.0
52.5°	1.7	1.7	1.4	1.3	0.6	0.6	0.0
50°	1.7	1.7	1.5	1.5	0.8	0.7	0.0
47.5°	1.7	1.7	1.6	1.6	0.9	0.7	0.0
45°	1.7	1.7	1.6	1.7	1.0	0.8	0.0
42.5°	1.7	1.7	1.7	1.7	1.1	0.8	0.0
40°	1.7	1.7	1.7	1.7	1.2	0.9	0.0
37.5°	1.7	1.7	1.7	1.7	1.3	0.9	0.0
35°	1.7	1.7	1.7	1.7	1.3	1.0	0.0
32.5°	1.8	1.7	1.7	1.7	1.4	1.0	0.0
30°	1.9	1.7	1.7	1.7	1.5	1.1	0.0
27.5°	2.1	1.7	1.7	1.7	1.5	1.2	0.0
25°	2.3	1.7	1.7	1.7	1.6	1.2	0.0
22.5°	2.5	1.7	1.7	1.7	1.6	1.3	0.0
20°	2.7	1.9	1.7	1.7	1.6	1.3	0.0
17.5°	3.1	2.0	1.7	1.7	1.7	1.4	0.0
15°	3.4	2.2	1.7	1.7	1.7	1.4	0.0
12.5°	3.7	2.4	1.7	1.7	1.7	1.5	0.0
10°	4.0	2.6	1.7	1.7	1.7	1.5	0.0
7.5°	4.3	2.8	1.7	1.7	1.7	1.6	0.0
5°	4.6	3.0	1.7	1.7	1.7	1.6	0.0
2.5°	4.9	3.2	1.7	1.7	1.7	1.7	0.0
0°	5.1	3.4	1.7	1.7	1.7	1.7	0.0
-2.5°	5.5	3.6	1.8	1.7	1.7	1.7	0.0
-5°	6.0	3.7	2.0	1.7	1.7	1.7	0.0
-7.5°	6.3	3.9	2.1	1.7	1.7	1.7	0.0
-10°	6.7	4.0	2.3	1.7	1.7	1.7	0.0
-12.5°	6.9	4.1	2.4	1.7	1.7	1.7	0.0
-15°	7.2	4.2	2.5	1.7	1.7	1.6	0.0
-17.5°	7.3	4.3	2.5	1.7	1.7	1.6	0.0
-20°	7.4	4.4	2.6	1.7	1.7	1.6	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7.5	4.4	2.6	1.7	1.7	1.6	0.0
-25°	7.5	4.5	2.6	1.7	1.7	1.5	0.0
-27.5°	7.5	4.6	2.6	1.7	1.7	1.5	0.0
-30°	7.5	4.7	2.5	1.7	1.7	1.5	0.0
-32.5°	7.4	4.7	2.5	1.7	1.7	1.4	0.0
-35°	7.4	4.7	2.5	1.7	1.7	1.4	0.0
-37.5°	7.4	4.7	2.4	1.7	1.7	1.3	0.0
-40°	7.3	4.6	2.3	1.7	1.7	1.3	0.0
-42.5°	7.1	4.4	2.3	1.7	1.7	1.3	0.0
-45°	6.9	4.3	2.4	1.8	1.7	1.2	0.0
-47.5°	6.6	4.0	2.4	1.8	1.7	1.1	0.0
-50°	6.3	3.8	2.4	1.8	1.7	1.1	0.0
-52.5°	5.9	3.5	2.4	1.8	1.7	1.0	0.0
-55°	5.4	3.4	2.4	1.8	1.7	1.0	0.0
-57.5°	4.9	3.3	2.4	1.8	1.7	0.9	0.0
-60°	4.4	3.2	2.3	1.8	1.7	0.8	0.0
-62.5°	4.2	3.0	2.3	1.8	1.6	0.8	0.0
-65°	3.9	2.9	2.2	1.8	1.4	0.7	0.0
-67.5°	3.6	2.7	2.1	1.7	1.3	0.7	0.0
-70°	3.3	2.5	2.0	1.7	1.2	0.6	0.0
-72.5°	2.9	2.3	1.9	1.5	1.0	0.5	0.0
-75°	2.6	2.0	1.7	1.3	0.9	0.4	0.0
-77.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-80°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-82.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-85°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-87.5°	0.4	0.4	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)