

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: P626658 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-727-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626658 (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-SA1C-727-U-NR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4836.2 lumens
Efficiency: N/A
Efficacy: 111.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 49022.3 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 1543.9 lumens
Beam Efficiency: 31.9%

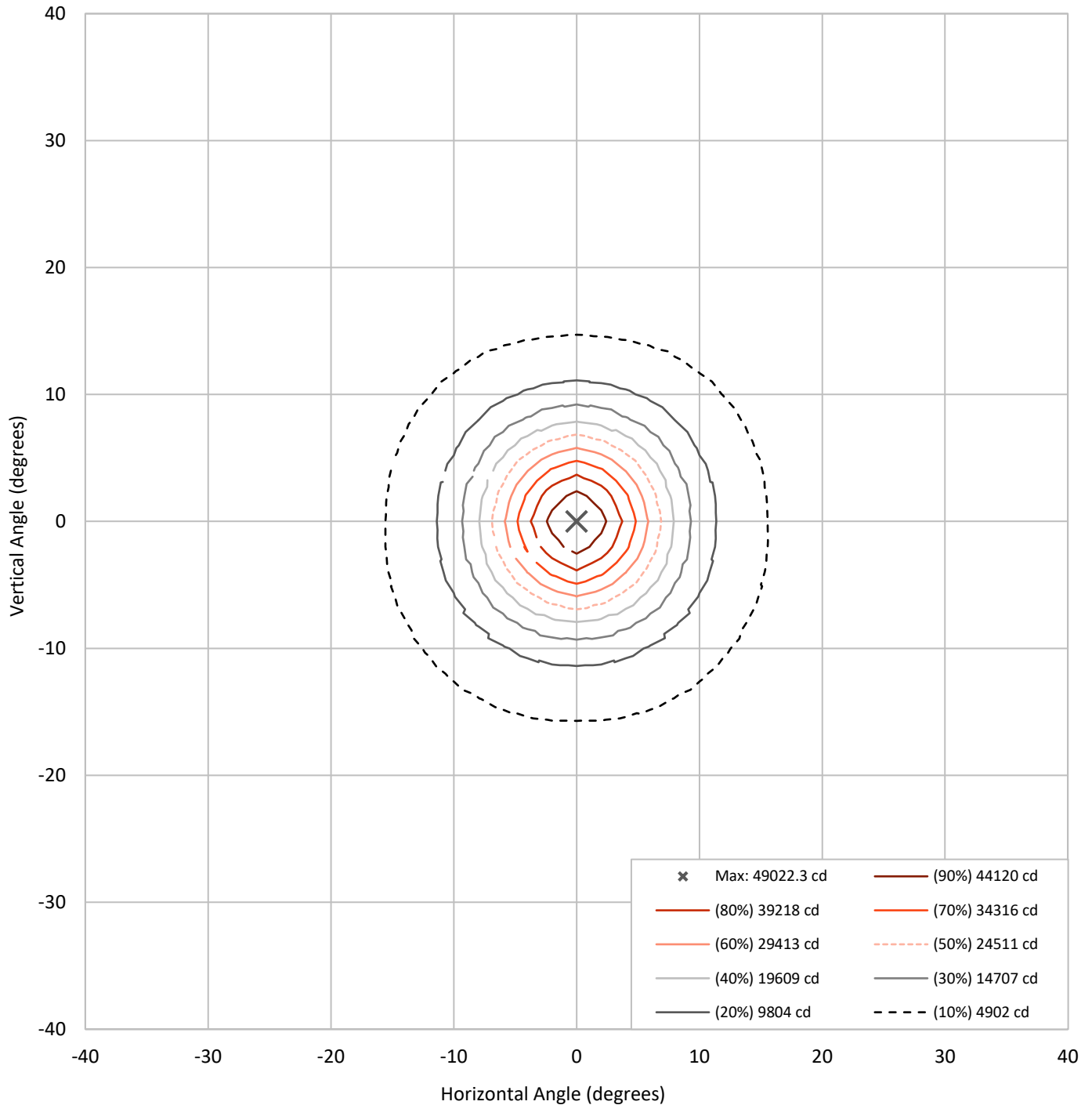
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 3438.8 lumens
Field Efficiency: 71.1%

Input Watts (W): 43.5
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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CATALOG NUMBER: GFLD-SA1C-727-U-NR-VSR-XX

Iso-Candela Plot





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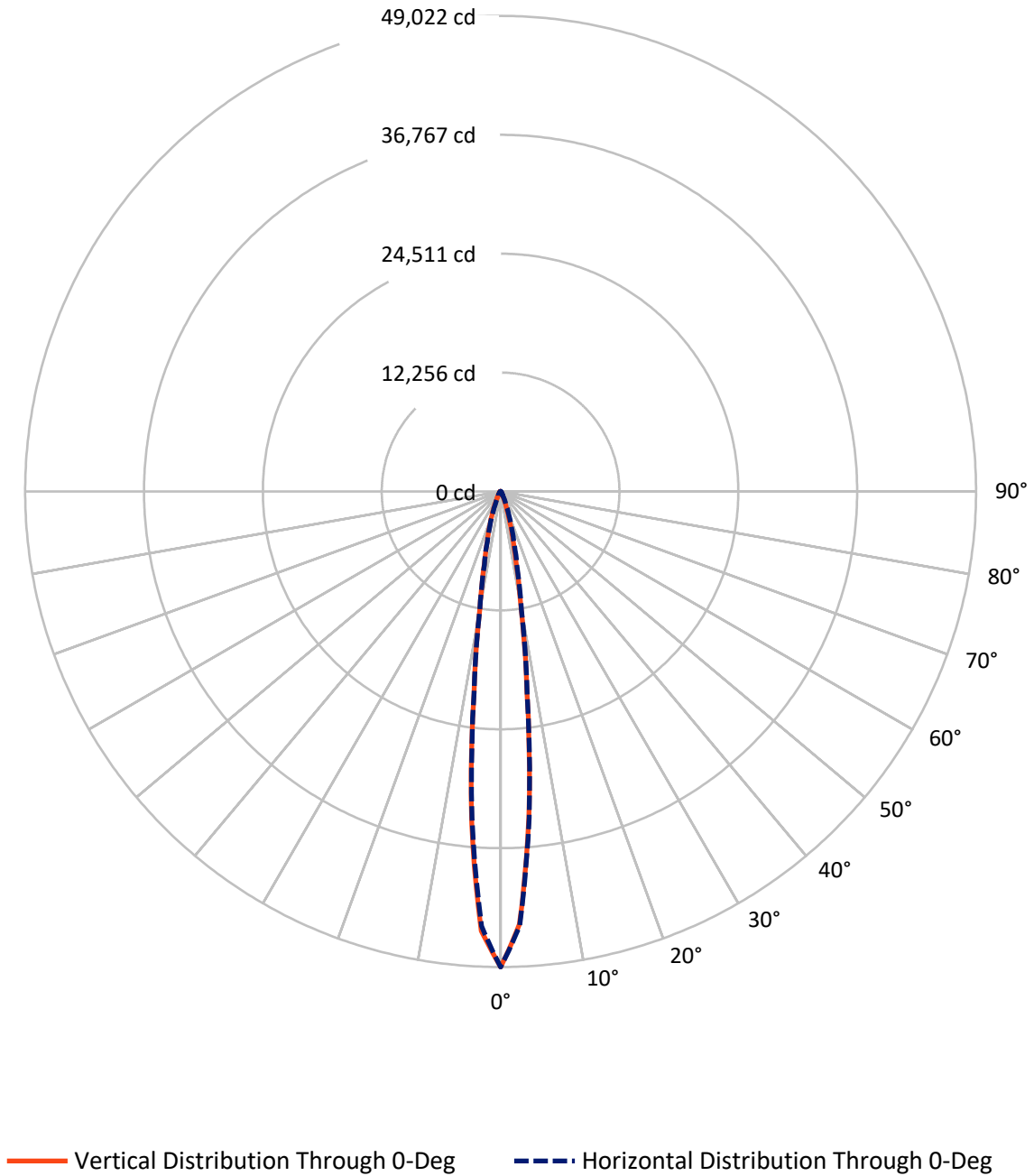
CATALOG NUMBER: GFLD-SA1C-727-U-NR-VSR-XX

Lumen Table

90																			
80	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				
50		0.0	0.0	0.1	0.3	0.4	0.6	0.7	0.7	0.6	0.4	0.3	0.1	0.0		0.0			
40	0.0	0.0	0.1	0.4	0.8	1.2	1.6	1.9	1.9	1.6	1.2	0.8	0.4	0.1	0.0	0.0			
30		0.1	0.3	0.8	1.5	2.3	3.9	5.0	5.0	3.9	2.3	1.5	0.8	0.3	0.1				
20	0.0	0.1	0.5	1.2	2.3	4.9	13.1	21.8	21.8	13.1	4.9	2.3	1.2	0.5	0.1	0.0			
10		0.2	0.7	1.7	3.7	14.7	62.0	136.3	136.3	62.0	14.7	3.7	1.7	0.7	0.2				
0	0.1	0.3	0.9	2.0	5.1	27.6	148.5	666.2	666.2	148.5	27.6	5.1	2.0	0.9	0.3	0.1			
-10		0.3	1.0	2.1	5.5	29.4	153.8	677.5	677.5	153.8	29.4	5.5	2.1	1.0	0.3				
-20	0.1	0.3	1.0	2.1	4.8	18.7	74.6	159.6	159.6	74.6	18.7	4.8	2.1	1.0	0.3	0.1			
-30		0.3	1.0	1.9	3.7	8.7	23.0	38.3	38.3	23.0	8.7	3.7	1.9	1.0	0.3				
-40	0.1	0.3	0.9	1.7	2.9	4.8	7.8	9.9	9.9	7.8	4.8	2.9	1.7	0.9	0.3	0.1			
-50		0.2	0.7	1.4	2.3	3.4	4.5	5.0	5.0	4.5	3.4	2.3	1.4	0.7	0.2				
-60	0.1	0.2	0.5	1.1	1.8	2.6	3.3	3.6	3.6	3.3	2.6	1.8	1.1	0.5	0.2	0.1			
-70		0.1	0.3	0.7	1.2	1.8	2.3	2.5	2.5	2.3	1.8	1.2	0.7	0.3	0.1				
-80	0.0	0.3		1.2		2.7		3.4		2.7		1.2		0.3		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

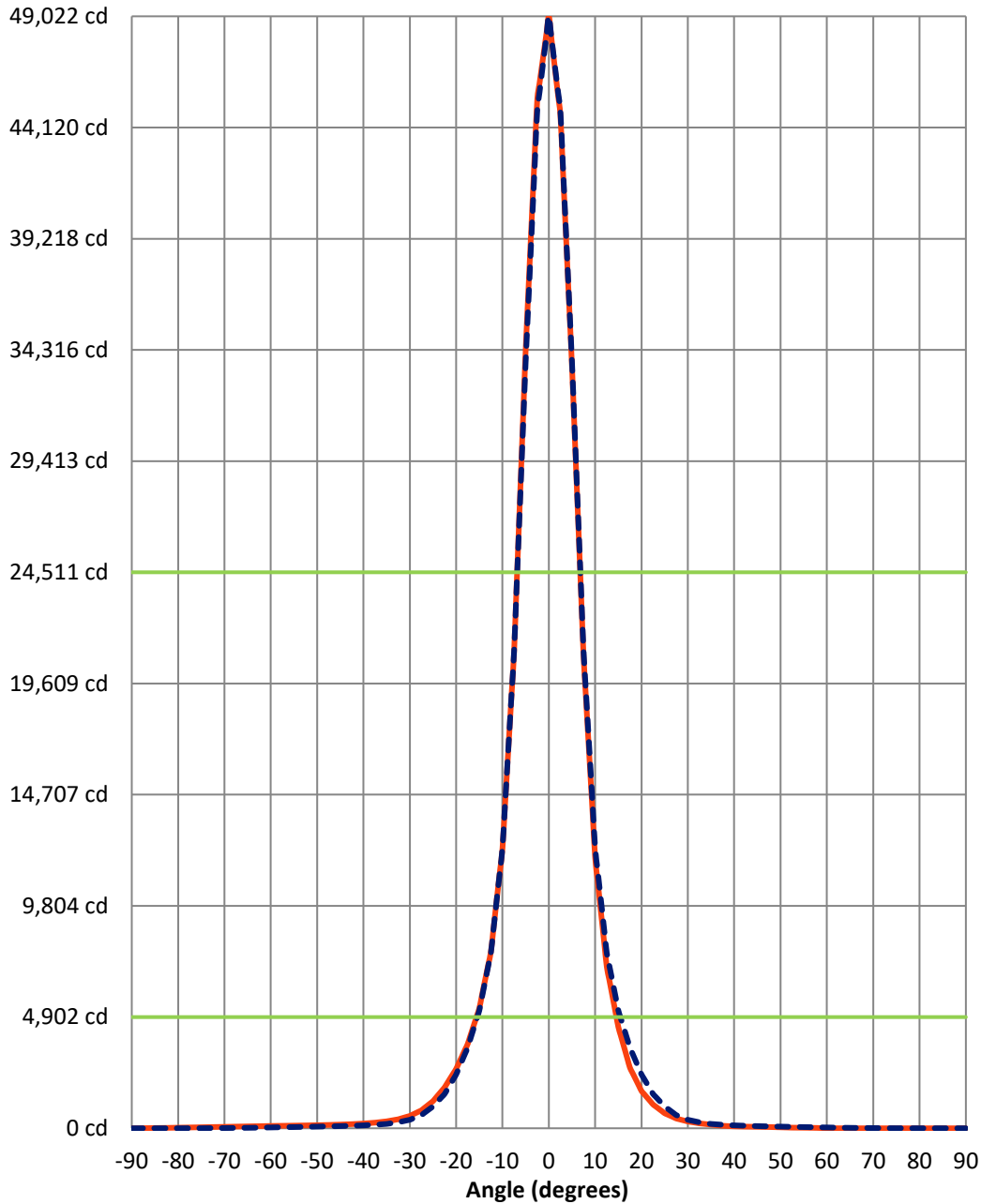
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 1543.9
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 3438.8
 Efficiency: 71.1%

Spill:
 Lumens: 1397.3
 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	0.0	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0
72.5°	0.0	0.2	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.2	0.1
70°	0.0	0.2	0.0	0.0	0.2	0.2	0.1	0.3	0.4	0.4	0.1
67.5°	0.0	0.2	0.1	0.1	0.3	0.3	0.4	0.6	0.6	0.4	0.2
65°	0.0	0.2	0.1	0.2	0.4	0.4	0.6	0.8	0.7	0.4	0.3
62.5°	0.0	0.3	0.1	0.3	0.5	0.6	0.8	0.9	0.7	0.5	0.6
60°	0.0	0.3	0.1	0.4	0.6	0.7	1.0	1.0	0.8	0.7	0.9
57.5°	0.0	0.3	0.2	0.5	0.7	0.8	1.0	1.0	0.8	0.9	1.0
55°	0.0	0.3	0.3	0.6	0.8	0.9	1.0	1.0	0.9	1.0	1.0
52.5°	0.0	0.4	0.4	0.7	0.8	1.0	1.0	1.0	1.0	1.0	1.0
50°	0.0	0.4	0.5	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.2
47.5°	0.0	0.4	0.5	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.4
45°	0.0	0.5	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.7
42.5°	0.0	0.5	0.6	1.0	1.0	1.0	1.0	1.0	1.1	1.6	2.3
40°	0.0	0.5	0.7	1.0	1.0	1.0	1.0	1.1	1.3	1.9	3.0
37.5°	0.0	0.6	0.7	1.0	1.0	1.0	1.0	1.2	1.7	2.4	3.7
35°	0.0	0.6	0.8	1.0	1.0	1.0	1.0	1.4	2.1	3.1	4.5
32.5°	0.0	0.6	0.8	1.0	1.0	1.0	1.0	1.5	2.5	3.7	5.6
30°	0.0	0.6	0.9	1.0	1.0	1.0	1.1	1.7	2.9	4.3	6.7
27.5°	0.0	0.7	0.9	1.0	1.0	1.0	1.3	2.1	3.4	4.9	8.0
25°	0.0	0.7	0.9	1.0	1.0	1.0	1.4	2.4	3.9	5.8	9.4
22.5°	0.0	0.7	0.9	1.0	1.0	1.0	1.5	2.8	4.3	6.8	10.9
20°	0.0	0.8	1.0	1.0	1.0	1.1	1.7	3.1	4.8	7.9	12.4
17.5°	0.0	0.8	1.0	1.0	1.0	1.2	1.9	3.4	5.2	8.9	13.7
15°	0.0	0.8	1.0	1.0	1.0	1.3	2.1	3.8	5.6	10.0	14.9
12.5°	0.0	0.9	1.0	1.0	1.0	1.4	2.3	4.1	6.1	11.0	16.0
10°	0.0	0.9	1.0	1.0	1.0	1.6	2.5	4.3	6.7	12.0	16.9
7.5°	0.0	0.9	1.0	1.0	1.0	1.7	2.6	4.6	7.4	12.8	17.8
5°	0.0	1.0	1.0	1.0	1.0	1.8	2.8	4.8	8.1	13.5	18.5
2.5°	0.0	1.0	1.0	1.0	1.0	2.0	3.0	5.0	8.7	14.0	19.2
0°	0.0	1.0	1.0	1.0	1.0	2.1	3.1	5.2	9.3	14.5	19.7
-2.5°	0.0	1.0	1.0	1.0	1.1	2.2	3.4	5.5	9.8	14.9	20.4
-5°	0.0	1.0	1.0	1.0	1.2	2.3	3.6	5.8	10.3	15.2	20.9
-7.5°	0.0	1.0	1.0	1.0	1.3	2.4	3.9	6.1	10.7	15.4	21.3
-10°	0.0	1.0	1.0	1.0	1.4	2.5	4.1	6.3	11.0	15.6	21.6
-12.5°	0.0	1.0	1.0	1.0	1.4	2.5	4.2	6.5	11.2	15.8	22.0
-15°	0.0	1.0	1.0	1.0	1.5	2.6	4.4	6.6	11.2	16.1	22.4
-17.5°	0.0	1.0	1.0	1.0	1.5	2.6	4.5	6.8	11.1	16.3	22.5
-20°	0.0	0.9	1.0	1.0	1.6	2.7	4.5	6.9	11.0	16.2	22.5

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CATALOG NUMBER: GFLD-SA1C-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	0.9	1.0	1.0	1.6	2.7	4.6	7.0	10.7	16.1	22.3
-25°	0.0	0.9	1.0	1.0	1.6	2.8	4.6	7.0	10.4	15.7	21.8
-27.5°	0.0	0.9	1.0	1.0	1.6	2.8	4.6	7.0	10.0	15.1	21.3
-30°	0.0	0.9	1.0	1.0	1.5	2.9	4.6	6.9	9.8	14.6	20.6
-32.5°	0.0	0.8	1.0	1.0	1.5	2.9	4.5	6.8	9.6	13.9	19.6
-35°	0.0	0.8	1.0	1.0	1.5	2.9	4.5	6.7	9.4	13.2	18.3
-37.5°	0.0	0.8	1.0	1.0	1.4	2.9	4.5	6.6	9.1	12.4	17.6
-40°	0.0	0.8	1.0	1.0	1.4	2.8	4.5	6.5	8.8	11.9	17.0
-42.5°	0.0	0.7	1.0	1.0	1.4	2.7	4.4	6.3	8.5	11.6	16.2
-45°	0.0	0.7	1.0	1.0	1.4	2.6	4.2	6.1	8.3	11.2	15.3
-47.5°	0.0	0.7	1.0	1.1	1.4	2.5	4.1	5.9	8.0	10.7	14.7
-50°	0.0	0.6	1.0	1.1	1.4	2.3	3.8	5.6	7.7	10.3	14.0
-52.5°	0.0	0.6	1.0	1.1	1.5	2.1	3.6	5.3	7.3	9.8	13.0
-55°	0.0	0.6	1.0	1.1	1.4	2.0	3.3	5.0	6.9	9.1	12.1
-57.5°	0.0	0.5	1.0	1.1	1.4	2.0	3.0	4.6	6.4	8.4	11.0
-60°	0.0	0.5	1.0	1.1	1.4	1.9	2.7	4.1	5.8	7.7	9.8
-62.5°	0.0	0.5	0.9	1.1	1.4	1.9	2.5	3.6	5.2	7.0	8.9
-65°	0.0	0.4	0.8	1.1	1.3	1.8	2.4	3.2	4.6	6.2	8.0
-67.5°	0.0	0.4	0.8	1.0	1.2	1.7	2.2	3.0	3.9	5.3	7.0
-70°	0.0	0.3	0.7	1.0	1.2	1.5	2.0	2.7	3.5	4.4	5.9
-72.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.8	2.4	3.0	3.9	4.8
-75°	0.0	0.3	0.5	0.8	1.0	1.2	1.6	2.1	2.6	3.3	4.1
-77.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.8	2.2	2.7	3.3
-80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.5	1.9	2.3	2.7
-82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.6	2.0	2.3
-85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.8	1.1	1.4	1.8
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.9
-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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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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.3	0.3	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.5	0.6	0.5	0.3	0.0	0.2	0.3	0.3	0.0	0.0	0.0
62.5°	0.9	0.8	0.6	0.4	0.6	0.8	0.6	0.3	0.1	0.5	0.7
60°	1.0	0.8	0.7	0.8	1.0	0.9	0.7	1.0	1.5	1.9	2.3
57.5°	1.0	0.9	0.9	1.1	1.1	1.1	1.8	2.4	3.5	4.3	4.9
55°	1.0	1.0	1.1	1.4	1.7	2.5	3.4	4.8	5.9	7.6	9.1
52.5°	1.1	1.1	1.6	2.1	3.1	4.3	5.9	7.9	10.1	11.8	13.5
50°	1.3	1.7	2.2	3.6	4.9	6.8	9.4	12.2	14.1	16.0	18.5
47.5°	1.8	2.4	3.7	5.2	7.2	10.1	13.7	15.8	17.6	20.6	23.8
45°	2.5	3.6	5.1	7.3	10.0	14.1	16.9	18.6	21.8	25.3	28.8
42.5°	3.2	4.9	7.1	9.3	13.7	17.5	20.1	22.8	26.0	30.0	33.9
40°	4.4	6.2	9.1	12.7	17.2	20.9	24.1	27.2	30.4	35.6	39.7
37.5°	5.5	8.2	11.5	16.0	20.6	24.7	28.3	32.2	36.7	42.6	46.3
35°	6.6	10.3	14.4	19.1	24.0	28.6	32.9	37.5	43.4	48.9	53.4
32.5°	8.2	12.4	17.0	22.1	27.2	32.4	37.7	43.1	48.8	54.5	60.4
30°	10.2	14.7	19.5	25.0	30.1	36.1	42.2	47.9	53.8	59.8	66.4
27.5°	12.1	16.8	22.1	27.6	32.9	39.8	46.4	52.3	58.3	64.8	72.3
25°	13.9	19.0	24.5	29.9	36.1	43.5	50.7	57.6	62.7	70.1	78.8
22.5°	15.7	21.1	27.0	32.0	39.2	47.2	55.7	63.1	69.1	75.7	85.6
20°	17.4	23.2	29.3	34.9	42.3	51.0	61.0	68.7	76.1	84.5	94.7
17.5°	19.1	25.2	31.6	38.2	46.1	55.1	66.5	74.3	83.1	93.3	106.1
15°	20.7	27.1	34.0	41.4	49.5	59.2	70.2	79.9	90.5	102.2	117.3
12.5°	22.1	28.8	36.2	44.3	52.5	62.7	73.2	83.6	95.8	111.1	130.2
10°	23.5	30.4	38.4	46.9	55.1	65.7	76.0	86.7	99.6	116.4	138.2
7.5°	24.6	31.9	40.5	49.3	57.4	68.1	78.3	89.3	102.8	120.8	143.7
5°	25.6	33.5	42.5	50.9	59.3	70.3	80.3	91.4	105.4	124.3	147.6
2.5°	26.4	35.0	44.2	52.0	60.9	72.2	81.8	93.7	108.0	126.9	151.2
0°	27.0	36.3	45.7	52.9	62.3	73.7	83.0	95.5	110.0	128.7	154.6
-2.5°	28.3	37.4	46.6	53.9	63.7	73.9	83.8	95.7	110.8	130.0	155.2
-5°	29.3	38.3	47.2	54.6	64.8	73.9	84.1	95.5	111.1	130.8	156.4
-7.5°	30.1	39.0	47.6	55.2	65.3	74.2	84.6	96.2	111.8	131.5	157.8
-10°	30.7	39.5	47.9	56.0	65.5	74.6	84.8	96.4	111.7	131.0	157.0
-12.5°	30.9	39.7	48.1	56.4	65.4	74.5	84.5	96.0	110.5	129.4	153.8
-15°	31.0	39.8	48.1	56.4	65.3	74.1	83.8	94.9	108.5	126.6	148.8
-17.5°	30.9	39.8	47.9	56.1	65.1	73.2	82.8	93.5	106.4	123.3	144.7
-20°	30.6	39.5	47.5	55.3	64.7	72.4	81.8	92.0	104.3	119.6	138.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	30.2	39.2	47.0	54.6	63.6	71.7	80.4	90.2	101.2	115.1	132.0
-25°	29.7	38.4	46.4	54.0	62.2	70.6	78.7	88.0	98.1	111.4	126.7
-27.5°	29.0	37.5	45.4	53.2	60.9	69.1	77.0	85.8	95.8	107.5	121.2
-30°	28.1	36.3	44.2	52.1	59.6	67.4	75.0	83.4	92.8	103.9	116.5
-32.5°	26.9	34.9	42.6	50.4	58.3	65.7	72.8	80.9	89.7	99.5	111.4
-35°	25.6	33.3	40.9	48.3	56.6	63.8	70.7	78.0	86.3	95.3	105.1
-37.5°	24.5	31.7	39.1	46.1	54.0	61.4	68.1	75.1	82.7	91.0	99.9
-40°	23.2	30.0	37.1	44.0	50.9	58.4	65.2	71.9	78.9	87.3	95.2
-42.5°	21.9	28.5	35.1	41.8	48.4	55.2	61.9	68.4	75.8	83.7	91.4
-45°	20.9	26.9	33.1	39.6	46.1	52.3	58.6	64.6	72.1	80.0	87.6
-47.5°	19.6	25.4	31.3	37.2	43.6	49.7	55.4	61.5	67.9	75.3	83.3
-50°	18.3	23.8	29.3	34.8	40.9	47.0	52.7	58.4	64.4	70.5	77.4
-52.5°	17.2	22.0	27.1	32.2	37.9	43.9	49.7	55.3	60.9	66.6	72.5
-55°	15.9	20.3	24.8	29.6	34.6	40.3	46.1	51.6	57.2	62.6	68.3
-57.5°	14.4	18.4	22.5	27.0	31.5	36.2	41.8	47.3	52.6	58.1	63.9
-60°	12.8	16.3	20.0	24.2	28.6	32.9	37.4	42.5	47.7	52.8	58.3
-62.5°	11.1	14.1	17.5	21.1	25.2	29.4	33.6	37.9	42.5	47.0	51.7
-65°	9.9	12.1	14.9	18.1	21.5	25.3	29.2	33.2	37.3	41.1	44.7
-67.5°	8.7	10.7	12.8	15.1	18.2	21.4	24.5	28.1	31.7	35.2	38.6
-70°	7.5	9.2	11.0	13.0	15.2	17.8	20.7	23.6	26.4	29.3	32.5
-72.5°	6.1	7.6	9.2	10.9	12.7	14.8	17.1	19.6	22.1	24.5	26.9
-75°	5.0	6.0	7.3	8.8	10.3	12.0	13.6	15.5	17.6	19.8	21.9
-77.5°	4.1	5.0	6.0	6.9	8.0	9.5	10.9	12.3	13.8	15.4	17.1
-80°	3.4	4.1	4.9	5.7	6.5	7.4	8.4	9.5	10.6	11.7	12.8
-82.5°	2.8	3.3	3.9	4.6	5.0	5.5	6.0	6.7	7.4	8.1	8.9
-85°	2.2	2.6	3.0	3.4	3.6	3.8	4.1	4.4	4.8	5.3	5.7
-87.5°	1.1	1.3	1.5	1.8	1.9	2.0	2.1	2.2	2.5	2.8	3.1
-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: P626658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.1	0.0	0.0
62.5°	0.6	0.5	0.8	1.1	1.2	1.1	1.0	0.9	0.8	0.7	0.8
60°	2.5	2.5	3.4	3.9	3.5	2.5	3.9	4.6	4.4	3.8	3.8
57.5°	6.1	7.4	8.4	8.8	10.2	12.4	12.8	12.1	11.8	12.1	13.9
55°	10.6	11.6	12.2	14.1	15.7	16.9	17.6	18.4	19.4	20.8	22.1
52.5°	14.9	16.4	17.5	19.2	21.2	21.9	21.7	24.3	26.3	27.6	28.1
50°	20.5	22.3	24.9	27.6	28.7	29.8	31.0	33.1	36.2	40.0	42.2
47.5°	26.5	29.4	32.1	35.1	36.6	37.8	39.6	43.2	47.6	51.7	53.9
45°	31.9	34.4	37.6	40.2	42.0	44.3	46.9	50.2	55.1	59.4	62.4
42.5°	36.2	39.1	42.3	45.4	47.4	50.5	54.3	58.9	64.0	68.5	71.7
40°	42.3	44.8	49.8	52.8	53.6	56.5	64.2	70.4	76.2	81.7	84.4
37.5°	49.7	54.4	59.7	62.4	65.1	70.2	80.6	90.6	97.9	105.4	109.4
35°	58.1	64.3	71.5	74.7	80.4	91.5	103.8	117.6	134.8	142.0	148.6
32.5°	66.2	73.1	79.8	87.0	97.0	110.3	124.0	146.5	167.5	183.7	195.6
30°	73.3	80.7	89.0	98.2	112.4	130.7	153.6	182.7	212.3	238.1	260.0
27.5°	80.5	88.8	98.6	112.5	132.4	157.2	193.9	235.4	284.7	321.1	364.6
25°	88.3	97.9	110.4	130.5	157.3	194.5	253.1	320.4	401.4	467.1	535.8
22.5°	97.5	111.7	127.6	150.0	196.8	258.0	338.1	453.2	577.8	693.0	803.8
20°	108.7	128.1	153.6	194.8	255.0	345.4	484.5	668.3	851.5	1046.6	1234.3
17.5°	124.6	152.6	192.2	250.8	330.1	509.2	734.8	1019.0	1384.1	1715.0	2003.9
15°	139.5	172.9	235.6	323.1	461.4	698.7	1041.5	1510.6	2079.6	2598.2	3146.0
12.5°	155.2	194.6	266.6	378.1	570.2	879.2	1360.9	2003.6	2716.2	3497.7	4388.0
10°	167.6	215.5	301.6	443.0	679.9	1064.5	1638.4	2417.9	3364.7	4521.5	5944.6
7.5°	176.0	232.2	330.6	490.5	780.8	1254.2	1944.9	2881.9	4065.6	5598.0	7589.5
5°	182.6	245.0	352.3	533.8	866.2	1398.9	2172.1	3288.2	4688.5	6741.7	10116.5
2.5°	187.8	254.8	365.8	563.7	919.8	1499.7	2324.5	3518.1	5059.3	7587.2	11965.5
0°	192.0	263.6	374.6	582.1	960.9	1509.8	2372.0	3560.1	5192.4	7739.8	12363.5
-2.5°	193.7	268.3	377.6	586.1	956.8	1527.1	2386.6	3593.7	5187.4	7656.2	11919.1
-5°	196.6	268.2	375.3	582.0	935.3	1482.4	2291.8	3405.7	4874.4	6997.7	10490.2
-7.5°	198.7	263.9	364.4	555.6	879.2	1385.6	2125.3	3094.2	4304.9	5917.0	8080.0
-10°	196.8	255.7	346.3	511.4	791.8	1230.5	1872.0	2682.9	3689.0	4883.8	6353.4
-12.5°	189.4	240.6	316.8	449.5	678.8	1056.7	1617.2	2307.6	3052.3	3891.4	4906.9
-15°	180.0	224.2	290.2	407.0	595.0	884.4	1293.7	1853.7	2451.2	3088.2	3767.6
-17.5°	172.7	209.9	264.5	349.0	487.3	717.5	1039.1	1437.0	1876.0	2361.0	2763.6
-20°	162.9	192.2	238.1	307.1	412.6	565.1	799.3	1088.4	1378.1	1719.1	1997.2

Classified

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	153.0	178.6	213.4	263.9	342.5	457.7	602.3	795.4	1007.2	1203.0	1395.7
-25°	143.8	163.5	191.7	233.2	286.4	365.1	468.0	578.7	718.4	837.5	969.8
-27.5°	136.4	153.3	174.1	204.5	245.8	296.4	370.2	444.4	517.8	577.9	668.9
-30°	129.2	142.8	160.2	181.9	212.9	251.8	299.7	347.9	390.3	428.9	476.3
-32.5°	122.1	133.2	146.6	164.5	186.8	216.1	245.5	280.0	309.5	336.7	361.8
-35°	115.1	125.0	135.2	150.3	168.0	188.9	210.2	233.6	254.0	272.3	288.5
-37.5°	108.8	117.4	127.0	138.3	152.5	168.2	185.7	202.6	216.1	228.0	237.8
-40°	103.4	111.2	119.4	128.4	139.3	151.7	166.5	180.7	190.1	197.4	203.3
-42.5°	98.6	105.5	112.5	120.1	128.4	139.1	150.9	162.6	169.0	174.6	178.9
-45°	94.7	100.0	105.9	112.4	119.8	128.8	138.0	146.1	151.7	156.6	160.2
-47.5°	89.6	94.7	99.8	105.2	112.1	119.6	127.2	133.4	138.4	142.6	145.3
-50°	84.0	89.4	94.0	98.8	105.1	111.4	117.6	122.7	127.5	131.6	133.8
-52.5°	78.2	84.0	88.8	93.5	98.8	104.3	109.9	114.3	118.4	122.3	123.9
-55°	74.0	79.3	84.4	88.7	93.1	97.6	102.1	106.6	110.7	114.4	115.5
-57.5°	69.5	74.9	79.9	83.8	87.8	91.8	95.9	100.0	104.0	107.5	108.4
-60°	63.9	69.8	74.3	78.0	81.8	85.7	89.3	93.0	96.7	99.8	100.8
-62.5°	56.9	62.3	66.7	70.6	74.3	77.7	81.2	84.6	88.0	90.4	91.2
-65°	48.6	53.1	57.6	61.7	65.3	68.6	71.9	75.0	78.0	80.2	81.2
-67.5°	41.9	45.2	48.8	52.3	56.0	59.4	62.3	65.0	67.6	69.5	70.6
-70°	35.5	38.7	42.0	45.4	48.5	51.3	53.6	55.9	58.1	59.7	60.9
-72.5°	29.4	32.1	34.9	37.8	40.7	43.2	45.4	47.4	49.3	50.7	51.8
-75°	23.9	26.1	28.4	30.8	33.2	35.2	37.0	38.7	40.4	41.6	42.6
-77.5°	19.0	20.8	22.7	24.5	26.4	27.8	29.1	30.4	31.7	32.6	33.5
-80°	14.1	15.5	17.0	18.5	20.0	21.0	22.0	23.0	23.8	24.4	24.9
-82.5°	9.6	10.6	11.7	12.7	13.8	14.6	15.3	16.1	16.8	17.1	17.3
-85°	6.2	6.7	7.2	7.7	8.3	8.8	9.2	9.6	10.0	10.4	10.7
-87.5°	3.4	3.5	3.6	3.7	3.8	4.1	4.4	4.7	5.0	5.1	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: P626658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	0.1	0.2
62.5°	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.8	0.9
60°	3.5	3.1	3.1	3.1	3.1	3.1	3.5	3.8	3.8	4.4	4.6
57.5°	15.8	17.6	18.0	17.6	18.0	17.6	15.8	13.9	12.1	11.8	12.1
55°	23.0	23.6	23.8	23.9	23.8	23.6	23.0	22.1	20.8	19.4	18.4
52.5°	28.2	28.0	27.9	28.0	27.9	28.0	28.2	28.1	27.6	26.3	24.3
50°	42.3	41.6	41.3	41.5	41.3	41.6	42.3	42.2	40.0	36.2	33.1
47.5°	54.1	54.4	54.7	55.0	54.7	54.4	54.1	53.9	51.7	47.6	43.2
45°	63.2	63.7	64.1	64.3	64.1	63.7	63.2	62.4	59.4	55.1	50.2
42.5°	72.4	72.5	72.4	72.6	72.4	72.5	72.4	71.7	68.5	64.0	58.9
40°	85.6	85.8	85.5	85.1	85.5	85.8	85.6	84.4	81.7	76.2	70.4
37.5°	111.8	112.2	111.0	110.0	111.0	112.2	111.8	109.4	105.4	97.9	90.6
35°	154.6	159.1	161.2	161.9	161.2	159.1	154.6	148.6	142.0	134.8	117.6
32.5°	203.8	210.0	213.1	215.8	213.1	210.0	203.8	195.6	183.7	167.5	146.5
30°	274.3	285.7	290.7	297.8	290.7	285.7	274.3	260.0	238.1	212.3	182.7
27.5°	389.3	409.2	420.3	430.6	420.3	409.2	389.3	364.6	321.1	284.7	235.4
25°	585.7	624.3	649.2	661.0	649.2	624.3	585.7	535.8	467.1	401.4	320.4
22.5°	911.2	982.2	1037.0	1048.0	1037.0	982.2	911.2	803.8	693.0	577.8	453.2
20°	1416.5	1518.2	1601.0	1642.6	1601.0	1518.2	1416.5	1234.3	1046.6	851.5	668.3
17.5°	2348.0	2559.5	2656.1	2671.9	2656.1	2559.5	2348.0	2003.9	1715.0	1384.1	1019.0
15°	3733.7	4091.6	4318.7	4465.0	4318.7	4091.6	3733.7	3146.0	2598.2	2079.6	1510.6
12.5°	5314.8	6331.6	6910.1	7130.7	6910.1	6331.6	5314.8	4388.0	3497.7	2716.2	2003.6
10°	7460.6	9854.2	11234.9	11929.8	11234.9	9854.2	7460.6	5944.6	4521.5	3364.7	2417.9
7.5°	11102.6	14799.6	18895.7	20790.7	18895.7	14799.6	11102.6	7589.5	5598.0	4065.6	2881.9
5°	14931.3	23048.3	30172.7	33584.3	30172.7	23048.3	14931.3	10116.5	6741.7	4688.5	3288.2
2.5°	19331.6	30278.2	40399.2	44654.9	40399.2	30278.2	19331.6	11965.5	7587.2	5059.3	3518.1
0°	21025.2	33776.3	44845.3	49022.3	44845.3	33776.3	21025.2	12363.5	7739.8	5192.4	3560.1
-2.5°	19593.5	30808.6	40573.2	45346.0	40573.2	30808.6	19593.5	11919.1	7656.2	5187.4	3593.7
-5°	15568.0	23175.4	30407.0	34296.1	30407.0	23175.4	15568.0	10490.2	6997.7	4874.4	3405.7
-7.5°	11425.9	15567.3	19583.5	20987.9	19583.5	15567.3	11425.9	8080.0	5917.0	4304.9	3094.2
-10°	7955.0	10326.5	11891.9	12338.6	11891.9	10326.5	7955.0	6353.4	4883.8	3689.0	2682.9
-12.5°	5897.8	6935.1	7656.8	7782.3	7656.8	6935.1	5897.8	4906.9	3891.4	3052.3	2307.6
-15°	4367.2	4894.7	5266.9	5292.0	5266.9	4894.7	4367.2	3767.6	3088.2	2451.2	1853.7
-17.5°	3192.4	3546.5	3734.4	3721.0	3734.4	3546.5	3192.4	2763.6	2361.0	1876.0	1437.0
-20°	2282.8	2496.2	2647.5	2618.0	2647.5	2496.2	2282.8	1997.2	1719.1	1378.1	1088.4



REPORT NUMBER: P626658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	1591.7	1733.4	1822.1	1799.3	1822.1	1733.4	1591.7	1395.7	1203.0	1007.2	795.4
-25°	1081.6	1158.8	1202.7	1195.4	1202.7	1158.8	1081.6	969.8	837.5	718.4	578.7
-27.5°	737.0	777.8	791.4	790.7	791.4	777.8	737.0	668.9	577.9	517.8	444.4
-30°	511.5	538.9	554.6	544.8	554.6	538.9	511.5	476.3	428.9	390.3	347.9
-32.5°	381.3	396.7	405.7	396.4	405.7	396.7	381.3	361.8	336.7	309.5	280.0
-35°	300.5	308.3	311.4	306.1	311.4	308.3	300.5	288.5	272.3	254.0	233.6
-37.5°	245.0	249.6	251.1	248.0	251.1	249.6	245.0	237.8	228.0	216.1	202.6
-40°	207.6	210.4	211.1	208.6	211.1	210.4	207.6	203.3	197.4	190.1	180.7
-42.5°	181.6	183.3	183.7	182.6	183.7	183.3	181.6	178.9	174.6	169.0	162.6
-45°	162.3	163.8	164.0	162.9	164.0	163.8	162.3	160.2	156.6	151.7	146.1
-47.5°	146.7	147.6	147.8	147.3	147.8	147.6	146.7	145.3	142.6	138.4	133.4
-50°	134.7	135.3	135.4	134.9	135.4	135.3	134.7	133.8	131.6	127.5	122.7
-52.5°	124.7	125.2	125.5	125.6	125.5	125.2	124.7	123.9	122.3	118.4	114.3
-55°	116.3	116.9	117.2	117.3	117.2	116.9	116.3	115.5	114.4	110.7	106.6
-57.5°	109.1	109.6	109.9	110.0	109.9	109.6	109.1	108.4	107.5	104.0	100.0
-60°	101.6	102.2	102.6	102.7	102.6	102.2	101.6	100.8	99.8	96.7	93.0
-62.5°	91.8	92.0	92.3	92.4	92.3	92.0	91.8	91.2	90.4	88.0	84.6
-65°	82.0	82.6	82.9	83.0	82.9	82.6	82.0	81.2	80.2	78.0	75.0
-67.5°	71.5	72.2	73.0	73.7	73.0	72.2	71.5	70.6	69.5	67.6	65.0
-70°	62.0	62.9	63.2	63.3	63.2	62.9	62.0	60.9	59.7	58.1	55.9
-72.5°	52.8	53.7	54.4	55.0	54.4	53.7	52.8	51.8	50.7	49.3	47.4
-75°	43.5	44.3	44.5	44.6	44.5	44.3	43.5	42.6	41.6	40.4	38.7
-77.5°	34.3	35.1	35.3	35.3	35.3	35.1	34.3	33.5	32.6	31.7	30.4
-80°	25.4	25.8	26.4	27.0	26.4	25.8	25.4	24.9	24.4	23.8	23.0
-82.5°	17.4	17.5	17.6	17.6	17.6	17.5	17.4	17.3	17.1	16.8	16.1
-85°	11.0	11.4	11.4	11.4	11.4	11.4	11.0	10.7	10.4	10.0	9.6
-87.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.0	4.7
-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: P626658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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	0.1
65°	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3
62.5°	1.0	1.1	1.2	1.1	0.8	0.5	0.6	0.7	0.5	0.1	0.3
60°	3.9	2.5	3.5	3.9	3.4	2.5	2.5	2.3	1.9	1.5	1.0
57.5°	12.8	12.4	10.2	8.8	8.4	7.4	6.1	4.9	4.3	3.5	2.4
55°	17.6	16.9	15.7	14.1	12.2	11.6	10.6	9.1	7.6	5.9	4.8
52.5°	21.7	21.9	21.2	19.2	17.5	16.4	14.9	13.5	11.8	10.1	7.9
50°	31.0	29.8	28.7	27.6	24.9	22.3	20.5	18.5	16.0	14.1	12.2
47.5°	39.6	37.8	36.6	35.1	32.1	29.4	26.5	23.8	20.6	17.6	15.8
45°	46.9	44.3	42.0	40.2	37.6	34.4	31.9	28.8	25.3	21.8	18.6
42.5°	54.3	50.5	47.4	45.4	42.3	39.1	36.2	33.9	30.0	26.0	22.8
40°	64.2	56.5	53.6	52.8	49.8	44.8	42.3	39.7	35.6	30.4	27.2
37.5°	80.6	70.2	65.1	62.4	59.7	54.4	49.7	46.3	42.6	36.7	32.2
35°	103.8	91.5	80.4	74.7	71.5	64.3	58.1	53.4	48.9	43.4	37.5
32.5°	124.0	110.3	97.0	87.0	79.8	73.1	66.2	60.4	54.5	48.8	43.1
30°	153.6	130.7	112.4	98.2	89.0	80.7	73.3	66.4	59.8	53.8	47.9
27.5°	193.9	157.2	132.4	112.5	98.6	88.8	80.5	72.3	64.8	58.3	52.3
25°	253.1	194.5	157.3	130.5	110.4	97.9	88.3	78.8	70.1	62.7	57.6
22.5°	338.1	258.0	196.8	150.0	127.6	111.7	97.5	85.6	75.7	69.1	63.1
20°	484.5	345.4	255.0	194.8	153.6	128.1	108.7	94.7	84.5	76.1	68.7
17.5°	734.8	509.2	330.1	250.8	192.2	152.6	124.6	106.1	93.3	83.1	74.3
15°	1041.5	698.7	461.4	323.1	235.6	172.9	139.5	117.3	102.2	90.5	79.9
12.5°	1360.9	879.2	570.2	378.1	266.6	194.6	155.2	130.2	111.1	95.8	83.6
10°	1638.4	1064.5	679.9	443.0	301.6	215.5	167.6	138.2	116.4	99.6	86.7
7.5°	1944.9	1254.2	780.8	490.5	330.6	232.2	176.0	143.7	120.8	102.8	89.3
5°	2172.1	1398.9	866.2	533.8	352.3	245.0	182.6	147.6	124.3	105.4	91.4
2.5°	2324.5	1499.7	919.8	563.7	365.8	254.8	187.8	151.2	126.9	108.0	93.7
0°	2372.0	1509.8	960.9	582.1	374.6	263.6	192.0	154.6	128.7	110.0	95.5
-2.5°	2386.6	1527.1	956.8	586.1	377.6	268.3	193.7	155.2	130.0	110.8	95.7
-5°	2291.8	1482.4	935.3	582.0	375.3	268.2	196.6	156.4	130.8	111.1	95.5
-7.5°	2125.3	1385.6	879.2	555.6	364.4	263.9	198.7	157.8	131.5	111.8	96.2
-10°	1872.0	1230.5	791.8	511.4	346.3	255.7	196.8	157.0	131.0	111.7	96.4
-12.5°	1617.2	1056.7	678.8	449.5	316.8	240.6	189.4	153.8	129.4	110.5	96.0
-15°	1293.7	884.4	595.0	407.0	290.2	224.2	180.0	148.8	126.6	108.5	94.9
-17.5°	1039.1	717.5	487.3	349.0	264.5	209.9	172.7	144.7	123.3	106.4	93.5
-20°	799.3	565.1	412.6	307.1	238.1	192.2	162.9	138.7	119.6	104.3	92.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	602.3	457.7	342.5	263.9	213.4	178.6	153.0	132.0	115.1	101.2	90.2
-25°	468.0	365.1	286.4	233.2	191.7	163.5	143.8	126.7	111.4	98.1	88.0
-27.5°	370.2	296.4	245.8	204.5	174.1	153.3	136.4	121.2	107.5	95.8	85.8
-30°	299.7	251.8	212.9	181.9	160.2	142.8	129.2	116.5	103.9	92.8	83.4
-32.5°	245.5	216.1	186.8	164.5	146.6	133.2	122.1	111.4	99.5	89.7	80.9
-35°	210.2	188.9	168.0	150.3	135.2	125.0	115.1	105.1	95.3	86.3	78.0
-37.5°	185.7	168.2	152.5	138.3	127.0	117.4	108.8	99.9	91.0	82.7	75.1
-40°	166.5	151.7	139.3	128.4	119.4	111.2	103.4	95.2	87.3	78.9	71.9
-42.5°	150.9	139.1	128.4	120.1	112.5	105.5	98.6	91.4	83.7	75.8	68.4
-45°	138.0	128.8	119.8	112.4	105.9	100.0	94.7	87.6	80.0	72.1	64.6
-47.5°	127.2	119.6	112.1	105.2	99.8	94.7	89.6	83.3	75.3	67.9	61.5
-50°	117.6	111.4	105.1	98.8	94.0	89.4	84.0	77.4	70.5	64.4	58.4
-52.5°	109.9	104.3	98.8	93.5	88.8	84.0	78.2	72.5	66.6	60.9	55.3
-55°	102.1	97.6	93.1	88.7	84.4	79.3	74.0	68.3	62.6	57.2	51.6
-57.5°	95.9	91.8	87.8	83.8	79.9	74.9	69.5	63.9	58.1	52.6	47.3
-60°	89.3	85.7	81.8	78.0	74.3	69.8	63.9	58.3	52.8	47.7	42.5
-62.5°	81.2	77.7	74.3	70.6	66.7	62.3	56.9	51.7	47.0	42.5	37.9
-65°	71.9	68.6	65.3	61.7	57.6	53.1	48.6	44.7	41.1	37.3	33.2
-67.5°	62.3	59.4	56.0	52.3	48.8	45.2	41.9	38.6	35.2	31.7	28.1
-70°	53.6	51.3	48.5	45.4	42.0	38.7	35.5	32.5	29.3	26.4	23.6
-72.5°	45.4	43.2	40.7	37.8	34.9	32.1	29.4	26.9	24.5	22.1	19.6
-75°	37.0	35.2	33.2	30.8	28.4	26.1	23.9	21.9	19.8	17.6	15.5
-77.5°	29.1	27.8	26.4	24.5	22.7	20.8	19.0	17.1	15.4	13.8	12.3
-80°	22.0	21.0	20.0	18.5	17.0	15.5	14.1	12.8	11.7	10.6	9.5
-82.5°	15.3	14.6	13.8	12.7	11.7	10.6	9.6	8.9	8.1	7.4	6.7
-85°	9.2	8.8	8.3	7.7	7.2	6.7	6.2	5.7	5.3	4.8	4.4
-87.5°	4.4	4.1	3.8	3.7	3.6	3.5	3.4	3.1	2.8	2.5	2.2
-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: P626658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	0.0	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.4	0.4	0.3
67.5°	0.0	0.0	0.0	0.2	0.3	0.3	0.1	0.2	0.4	0.6	0.6
65°	0.3	0.2	0.0	0.3	0.5	0.6	0.5	0.3	0.4	0.7	0.8
62.5°	0.6	0.8	0.6	0.4	0.6	0.8	0.9	0.6	0.5	0.7	0.9
60°	0.7	0.9	1.0	0.8	0.7	0.8	1.0	0.9	0.7	0.8	1.0
57.5°	1.8	1.1	1.1	1.1	0.9	0.9	1.0	1.0	0.9	0.8	1.0
55°	3.4	2.5	1.7	1.4	1.1	1.0	1.0	1.0	1.0	0.9	1.0
52.5°	5.9	4.3	3.1	2.1	1.6	1.1	1.1	1.0	1.0	1.0	1.0
50°	9.4	6.8	4.9	3.6	2.2	1.7	1.3	1.2	1.0	1.0	1.0
47.5°	13.7	10.1	7.2	5.2	3.7	2.4	1.8	1.4	1.0	1.0	1.0
45°	16.9	14.1	10.0	7.3	5.1	3.6	2.5	1.7	1.3	1.0	1.0
42.5°	20.1	17.5	13.7	9.3	7.1	4.9	3.2	2.3	1.6	1.1	1.0
40°	24.1	20.9	17.2	12.7	9.1	6.2	4.4	3.0	1.9	1.3	1.1
37.5°	28.3	24.7	20.6	16.0	11.5	8.2	5.5	3.7	2.4	1.7	1.2
35°	32.9	28.6	24.0	19.1	14.4	10.3	6.6	4.5	3.1	2.1	1.4
32.5°	37.7	32.4	27.2	22.1	17.0	12.4	8.2	5.6	3.7	2.5	1.5
30°	42.2	36.1	30.1	25.0	19.5	14.7	10.2	6.7	4.3	2.9	1.7
27.5°	46.4	39.8	32.9	27.6	22.1	16.8	12.1	8.0	4.9	3.4	2.1
25°	50.7	43.5	36.1	29.9	24.5	19.0	13.9	9.4	5.8	3.9	2.4
22.5°	55.7	47.2	39.2	32.0	27.0	21.1	15.7	10.9	6.8	4.3	2.8
20°	61.0	51.0	42.3	34.9	29.3	23.2	17.4	12.4	7.9	4.8	3.1
17.5°	66.5	55.1	46.1	38.2	31.6	25.2	19.1	13.7	8.9	5.2	3.4
15°	70.2	59.2	49.5	41.4	34.0	27.1	20.7	14.9	10.0	5.6	3.8
12.5°	73.2	62.7	52.5	44.3	36.2	28.8	22.1	16.0	11.0	6.1	4.1
10°	76.0	65.7	55.1	46.9	38.4	30.4	23.5	16.9	12.0	6.7	4.3
7.5°	78.3	68.1	57.4	49.3	40.5	31.9	24.6	17.8	12.8	7.4	4.6
5°	80.3	70.3	59.3	50.9	42.5	33.5	25.6	18.5	13.5	8.1	4.8
2.5°	81.8	72.2	60.9	52.0	44.2	35.0	26.4	19.2	14.0	8.7	5.0
0°	83.0	73.7	62.3	52.9	45.7	36.3	27.0	19.7	14.5	9.3	5.2
-2.5°	83.8	73.9	63.7	53.9	46.6	37.4	28.3	20.4	14.9	9.8	5.5
-5°	84.1	73.9	64.8	54.6	47.2	38.3	29.3	20.9	15.2	10.3	5.8
-7.5°	84.6	74.2	65.3	55.2	47.6	39.0	30.1	21.3	15.4	10.7	6.1
-10°	84.8	74.6	65.5	56.0	47.9	39.5	30.7	21.6	15.6	11.0	6.3
-12.5°	84.5	74.5	65.4	56.4	48.1	39.7	30.9	22.0	15.8	11.2	6.5
-15°	83.8	74.1	65.3	56.4	48.1	39.8	31.0	22.4	16.1	11.2	6.6
-17.5°	82.8	73.2	65.1	56.1	47.9	39.8	30.9	22.5	16.3	11.1	6.8
-20°	81.8	72.4	64.7	55.3	47.5	39.5	30.6	22.5	16.2	11.0	6.9

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	80.4	71.7	63.6	54.6	47.0	39.2	30.2	22.3	16.1	10.7	7.0
-25°	78.7	70.6	62.2	54.0	46.4	38.4	29.7	21.8	15.7	10.4	7.0
-27.5°	77.0	69.1	60.9	53.2	45.4	37.5	29.0	21.3	15.1	10.0	7.0
-30°	75.0	67.4	59.6	52.1	44.2	36.3	28.1	20.6	14.6	9.8	6.9
-32.5°	72.8	65.7	58.3	50.4	42.6	34.9	26.9	19.6	13.9	9.6	6.8
-35°	70.7	63.8	56.6	48.3	40.9	33.3	25.6	18.3	13.2	9.4	6.7
-37.5°	68.1	61.4	54.0	46.1	39.1	31.7	24.5	17.6	12.4	9.1	6.6
-40°	65.2	58.4	50.9	44.0	37.1	30.0	23.2	17.0	11.9	8.8	6.5
-42.5°	61.9	55.2	48.4	41.8	35.1	28.5	21.9	16.2	11.6	8.5	6.3
-45°	58.6	52.3	46.1	39.6	33.1	26.9	20.9	15.3	11.2	8.3	6.1
-47.5°	55.4	49.7	43.6	37.2	31.3	25.4	19.6	14.7	10.7	8.0	5.9
-50°	52.7	47.0	40.9	34.8	29.3	23.8	18.3	14.0	10.3	7.7	5.6
-52.5°	49.7	43.9	37.9	32.2	27.1	22.0	17.2	13.0	9.8	7.3	5.3
-55°	46.1	40.3	34.6	29.6	24.8	20.3	15.9	12.1	9.1	6.9	5.0
-57.5°	41.8	36.2	31.5	27.0	22.5	18.4	14.4	11.0	8.4	6.4	4.6
-60°	37.4	32.9	28.6	24.2	20.0	16.3	12.8	9.8	7.7	5.8	4.1
-62.5°	33.6	29.4	25.2	21.1	17.5	14.1	11.1	8.9	7.0	5.2	3.6
-65°	29.2	25.3	21.5	18.1	14.9	12.1	9.9	8.0	6.2	4.6	3.2
-67.5°	24.5	21.4	18.2	15.1	12.8	10.7	8.7	7.0	5.3	3.9	3.0
-70°	20.7	17.8	15.2	13.0	11.0	9.2	7.5	5.9	4.4	3.5	2.7
-72.5°	17.1	14.8	12.7	10.9	9.2	7.6	6.1	4.8	3.9	3.0	2.4
-75°	13.6	12.0	10.3	8.8	7.3	6.0	5.0	4.1	3.3	2.6	2.1
-77.5°	10.9	9.5	8.0	6.9	6.0	5.0	4.1	3.3	2.7	2.2	1.8
-80°	8.4	7.4	6.5	5.7	4.9	4.1	3.4	2.7	2.3	1.9	1.5
-82.5°	6.0	5.5	5.0	4.6	3.9	3.3	2.8	2.3	2.0	1.6	1.1
-85°	4.1	3.8	3.6	3.4	3.0	2.6	2.2	1.8	1.4	1.1	0.8
-87.5°	2.1	2.0	1.9	1.8	1.5	1.3	1.1	0.9	0.7	0.5	0.4
-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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CATALOG NUMBER: GFLD-SA1C-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	0.0	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	0.1	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.1	0.0
72.5°	0.1	0.2	0.1	0.0	0.0	0.2	0.0
70°	0.1	0.2	0.2	0.0	0.0	0.2	0.0
67.5°	0.4	0.3	0.3	0.1	0.1	0.2	0.0
65°	0.6	0.4	0.4	0.2	0.1	0.2	0.0
62.5°	0.8	0.6	0.5	0.3	0.1	0.3	0.0
60°	1.0	0.7	0.6	0.4	0.1	0.3	0.0
57.5°	1.0	0.8	0.7	0.5	0.2	0.3	0.0
55°	1.0	0.9	0.8	0.6	0.3	0.3	0.0
52.5°	1.0	1.0	0.8	0.7	0.4	0.4	0.0
50°	1.0	1.0	0.9	0.9	0.5	0.4	0.0
47.5°	1.0	1.0	0.9	0.9	0.5	0.4	0.0
45°	1.0	1.0	1.0	1.0	0.6	0.5	0.0
42.5°	1.0	1.0	1.0	1.0	0.6	0.5	0.0
40°	1.0	1.0	1.0	1.0	0.7	0.5	0.0
37.5°	1.0	1.0	1.0	1.0	0.7	0.6	0.0
35°	1.0	1.0	1.0	1.0	0.8	0.6	0.0
32.5°	1.0	1.0	1.0	1.0	0.8	0.6	0.0
30°	1.1	1.0	1.0	1.0	0.9	0.6	0.0
27.5°	1.3	1.0	1.0	1.0	0.9	0.7	0.0
25°	1.4	1.0	1.0	1.0	0.9	0.7	0.0
22.5°	1.5	1.0	1.0	1.0	0.9	0.7	0.0
20°	1.7	1.1	1.0	1.0	1.0	0.8	0.0
17.5°	1.9	1.2	1.0	1.0	1.0	0.8	0.0
15°	2.1	1.3	1.0	1.0	1.0	0.8	0.0
12.5°	2.3	1.4	1.0	1.0	1.0	0.9	0.0
10°	2.5	1.6	1.0	1.0	1.0	0.9	0.0
7.5°	2.6	1.7	1.0	1.0	1.0	0.9	0.0
5°	2.8	1.8	1.0	1.0	1.0	1.0	0.0
2.5°	3.0	2.0	1.0	1.0	1.0	1.0	0.0
0°	3.1	2.1	1.0	1.0	1.0	1.0	0.0
-2.5°	3.4	2.2	1.1	1.0	1.0	1.0	0.0
-5°	3.6	2.3	1.2	1.0	1.0	1.0	0.0
-7.5°	3.9	2.4	1.3	1.0	1.0	1.0	0.0
-10°	4.1	2.5	1.4	1.0	1.0	1.0	0.0
-12.5°	4.2	2.5	1.4	1.0	1.0	1.0	0.0
-15°	4.4	2.6	1.5	1.0	1.0	1.0	0.0
-17.5°	4.5	2.6	1.5	1.0	1.0	1.0	0.0
-20°	4.5	2.7	1.6	1.0	1.0	0.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	4.6	2.7	1.6	1.0	1.0	0.9	0.0
-25°	4.6	2.8	1.6	1.0	1.0	0.9	0.0
-27.5°	4.6	2.8	1.6	1.0	1.0	0.9	0.0
-30°	4.6	2.9	1.5	1.0	1.0	0.9	0.0
-32.5°	4.5	2.9	1.5	1.0	1.0	0.8	0.0
-35°	4.5	2.9	1.5	1.0	1.0	0.8	0.0
-37.5°	4.5	2.9	1.4	1.0	1.0	0.8	0.0
-40°	4.5	2.8	1.4	1.0	1.0	0.8	0.0
-42.5°	4.4	2.7	1.4	1.0	1.0	0.7	0.0
-45°	4.2	2.6	1.4	1.0	1.0	0.7	0.0
-47.5°	4.1	2.5	1.4	1.1	1.0	0.7	0.0
-50°	3.8	2.3	1.4	1.1	1.0	0.6	0.0
-52.5°	3.6	2.1	1.5	1.1	1.0	0.6	0.0
-55°	3.3	2.0	1.4	1.1	1.0	0.6	0.0
-57.5°	3.0	2.0	1.4	1.1	1.0	0.5	0.0
-60°	2.7	1.9	1.4	1.1	1.0	0.5	0.0
-62.5°	2.5	1.9	1.4	1.1	0.9	0.5	0.0
-65°	2.4	1.8	1.3	1.1	0.8	0.4	0.0
-67.5°	2.2	1.7	1.2	1.0	0.8	0.4	0.0
-70°	2.0	1.5	1.2	1.0	0.7	0.3	0.0
-72.5°	1.8	1.4	1.1	0.9	0.6	0.3	0.0
-75°	1.6	1.2	1.0	0.8	0.5	0.3	0.0
-77.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0
-80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-87.5°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)