

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: P626542 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-727-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626542 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1A-727-U-WR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1946.4 lumens  
Efficiency: N/A  
Efficacy: 107.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V  
Max Intensity: 2206.3 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V  
Beam Lumens: 937.1 lumens  
Beam Efficiency: 48.1%

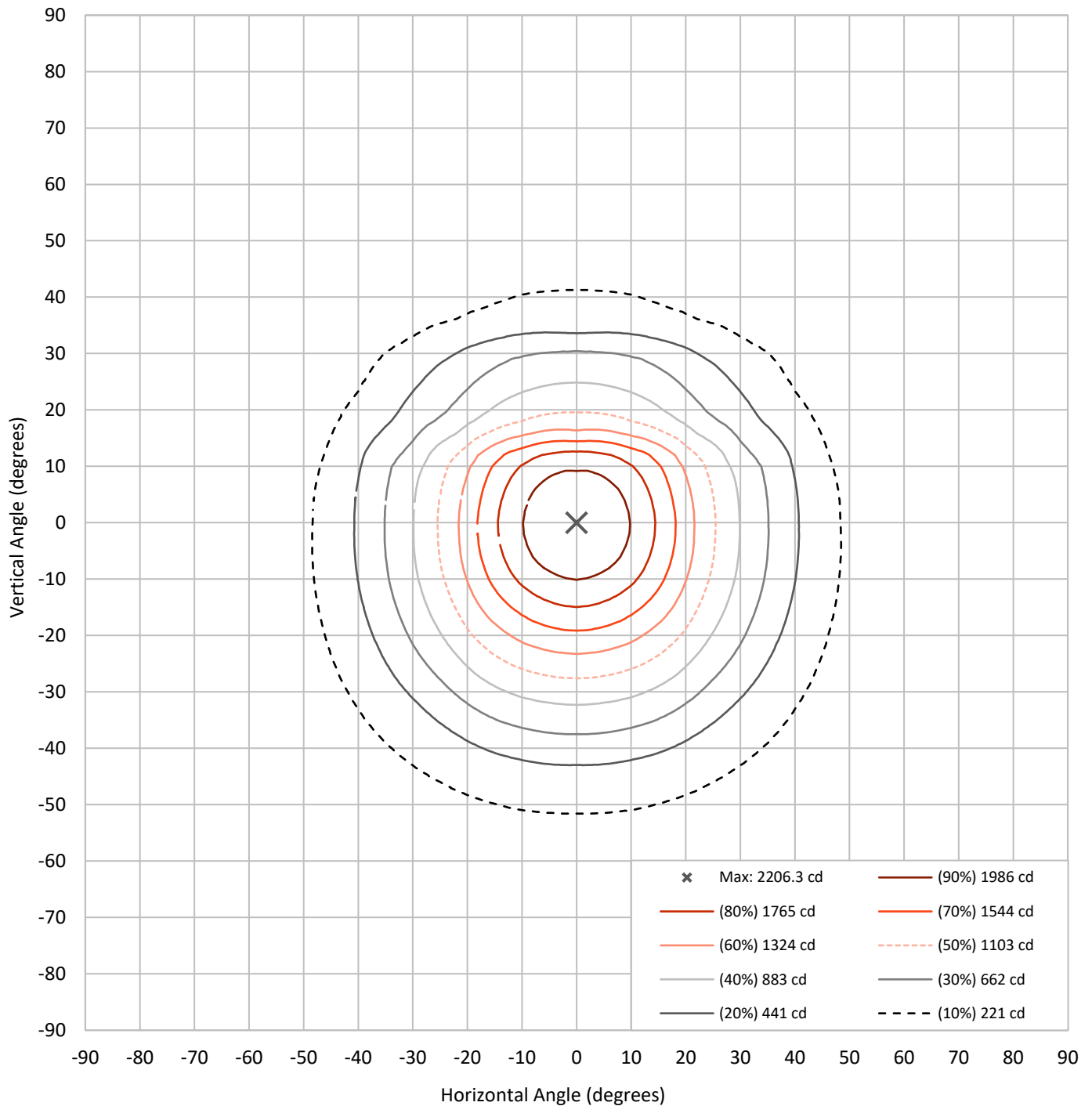
Field Angle (10%): 96.7°H x 92.9°V  
Field Lumens: 1742.7 lumens  
Field Efficiency: 89.5%

Input Watts (W): 18.1  
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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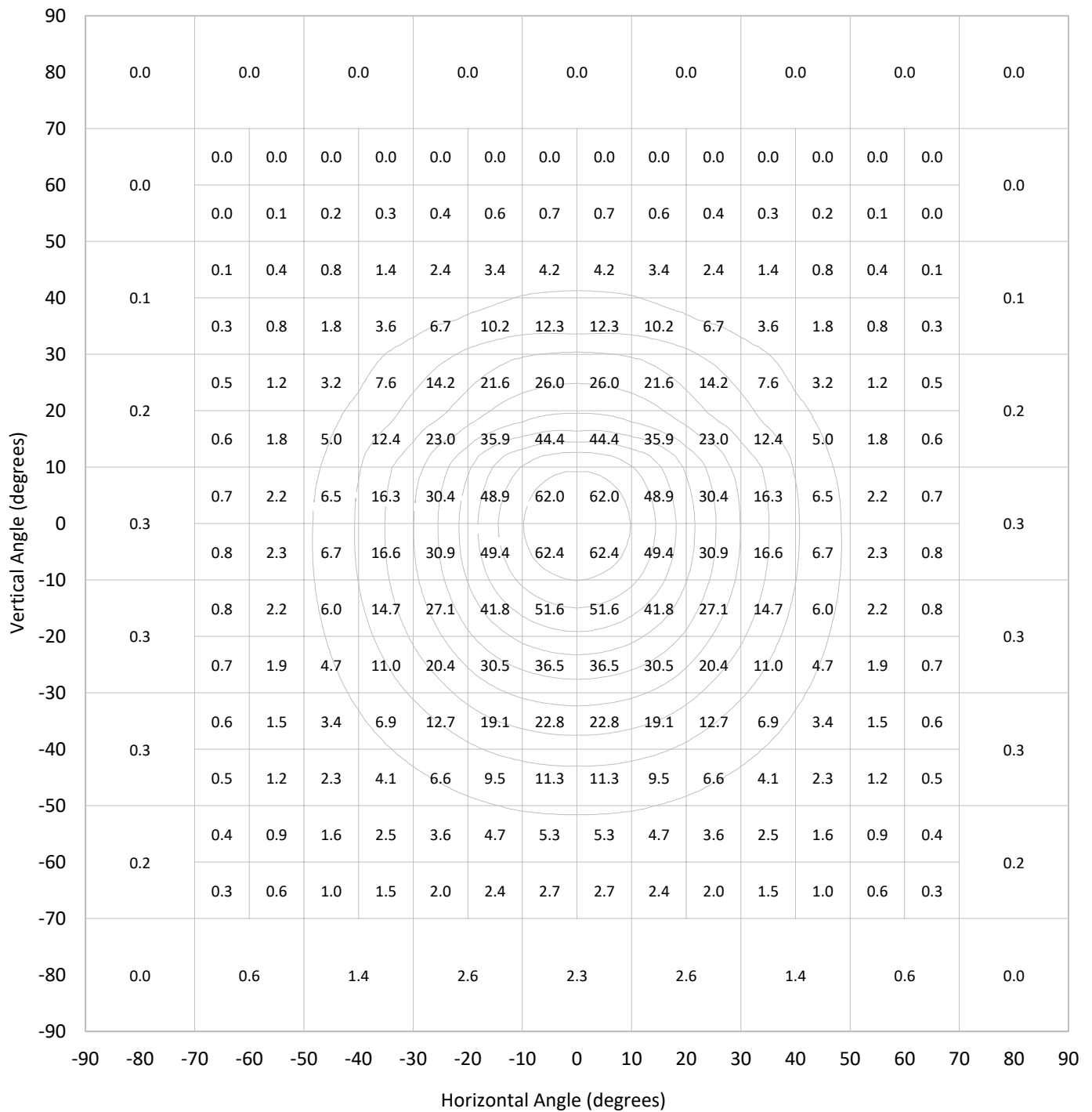
### Iso-Candela Plot





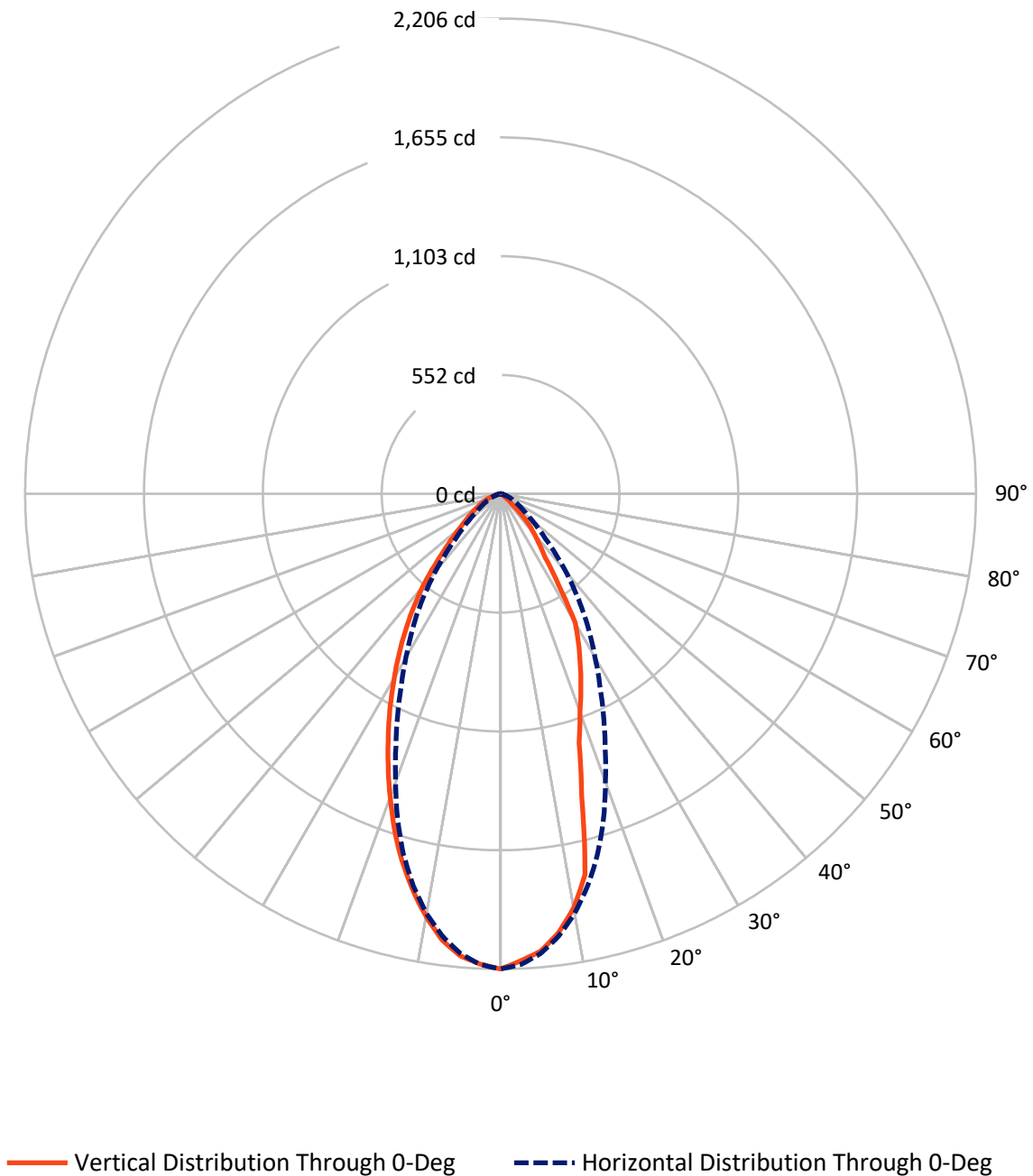
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### Lumen Table



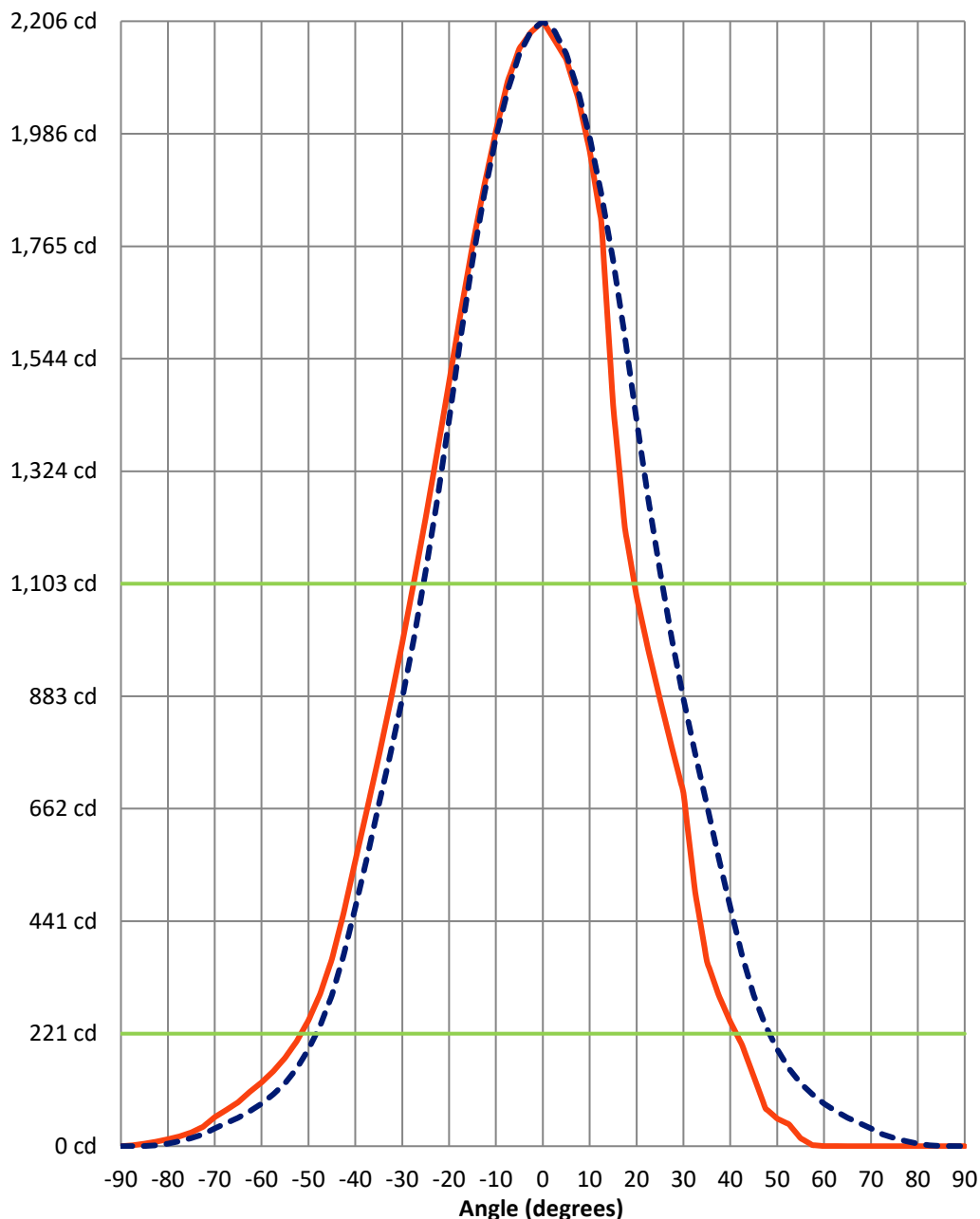
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 937.1  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 1742.7  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 203.7  
 Efficiency: 10.5%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 0-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
85°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
82.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
80°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65°	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
62.5°	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.5	0.7
60°	0.0	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4	1.1	1.2
57.5°	0.0	0.1	0.2	0.2	0.2	0.3	0.5	0.4	1.1	1.8	2.0
55°	0.0	0.1	0.2	0.2	0.3	0.4	0.7	0.6	1.9	2.7	3.0
52.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.9	1.5	2.8	3.9	4.2
50°	0.0	0.1	0.2	0.2	0.4	0.7	1.2	2.5	3.9	5.4	6.5
47.5°	0.0	0.1	0.2	0.2	0.4	1.0	1.6	3.4	5.4	6.9	8.8
45°	0.0	0.1	0.2	0.2	0.5	1.3	2.5	4.4	6.9	9.0	11.1
42.5°	0.0	0.1	0.2	0.3	0.5	1.7	3.3	5.6	8.3	11.0	13.6
40°	0.0	0.2	0.2	0.3	0.7	2.0	4.2	6.9	9.9	13.0	16.3
37.5°	0.0	0.2	0.2	0.4	0.9	2.4	5.0	8.1	11.5	15.0	19.0
35°	0.0	0.2	0.2	0.5	1.2	3.0	5.8	9.4	13.2	17.4	21.9
32.5°	0.0	0.2	0.2	0.5	1.5	3.6	6.7	10.6	14.9	19.9	25.2
30°	0.0	0.2	0.2	0.6	1.8	4.2	7.7	11.8	16.5	22.5	28.6
27.5°	0.0	0.2	0.2	0.7	2.1	4.9	8.6	13.2	18.4	25.0	31.9
25°	0.0	0.2	0.2	0.8	2.4	5.4	9.6	14.5	20.5	27.8	35.2
22.5°	0.0	0.2	0.3	0.9	2.7	6.0	10.5	15.8	22.5	30.6	38.6
20°	0.0	0.2	0.3	1.0	3.0	6.6	11.3	17.1	24.6	33.3	41.9
17.5°	0.0	0.2	0.3	1.1	3.3	7.1	12.1	18.3	26.6	35.9	44.9
15°	0.0	0.2	0.3	1.2	3.6	7.6	12.8	19.3	28.5	38.5	47.8
12.5°	0.0	0.2	0.3	1.3	3.9	8.1	13.5	20.2	30.1	40.9	50.5
10°	0.0	0.2	0.3	1.4	4.1	8.5	14.1	21.0	31.4	42.3	52.6
7.5°	0.0	0.2	0.3	1.5	4.3	8.9	14.6	21.7	32.5	43.4	53.7
5°	0.0	0.2	0.3	1.5	4.6	9.2	15.1	22.3	33.4	44.3	54.6
2.5°	0.0	0.2	0.3	1.6	4.7	9.5	15.5	22.8	34.2	45.0	55.3
0°	0.0	0.2	0.3	1.7	4.9	9.8	15.8	23.2	34.8	45.4	55.8
-2.5°	0.0	0.2	0.3	1.8	5.1	10.1	16.2	23.9	35.5	46.1	56.5
-5°	0.0	0.2	0.4	1.9	5.3	10.4	16.6	24.4	36.0	46.5	57.1
-7.5°	0.0	0.2	0.4	2.0	5.5	10.6	16.8	24.8	36.3	46.8	57.4
-10°	0.0	0.2	0.5	2.1	5.6	10.7	17.0	25.1	36.5	46.9	57.4
-12.5°	0.0	0.2	0.5	2.2	5.7	10.8	17.1	25.3	36.4	46.8	57.2
-15°	0.0	0.2	0.6	2.2	5.8	10.9	17.2	25.3	36.2	46.4	56.6
-17.5°	0.0	0.2	0.6	2.3	5.8	10.9	17.1	25.3	35.7	45.9	55.9
-20°	0.0	0.3	0.6	2.3	5.8	10.8	17.1	25.2	35.1	45.2	54.9

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.3	0.7	2.3	5.8	10.7	17.1	24.9	34.4	44.4	53.7
-25°	0.0	0.3	0.7	2.3	5.7	10.7	17.0	24.6	33.6	43.4	52.3
-27.5°	0.0	0.3	0.7	2.3	5.6	10.6	16.9	24.2	32.7	42.3	51.0
-30°	0.0	0.3	0.7	2.3	5.4	10.5	16.6	23.6	31.9	41.1	49.6
-32.5°	0.0	0.3	0.7	2.2	5.3	10.3	16.3	23.2	31.2	39.8	48.1
-35°	0.0	0.3	0.8	2.2	5.2	10.1	16.0	22.7	30.3	38.5	46.5
-37.5°	0.0	0.3	0.8	2.1	5.1	9.8	15.6	22.1	29.3	37.1	44.7
-40°	0.0	0.3	0.8	2.0	4.9	9.6	15.2	21.5	28.3	35.8	42.7
-42.5°	0.0	0.2	0.7	1.9	4.7	9.3	14.6	20.7	27.3	34.2	40.6
-45°	0.0	0.2	0.7	1.8	4.6	8.9	14.0	19.9	26.3	32.4	38.4
-47.5°	0.0	0.2	0.7	1.7	4.5	8.5	13.3	19.0	25.2	30.6	36.3
-50°	0.0	0.2	0.7	1.7	4.3	8.0	12.6	18.1	23.8	28.9	34.2
-52.5°	0.0	0.2	0.7	1.6	4.1	7.5	12.0	17.0	22.3	27.2	32.1
-55°	0.0	0.2	0.6	1.6	3.8	7.0	11.3	15.9	20.7	25.4	30.1
-57.5°	0.0	0.2	0.6	1.5	3.4	6.5	10.4	14.9	19.1	23.6	28.1
-60°	0.0	0.2	0.5	1.4	3.1	6.0	9.6	13.7	17.4	21.7	25.9
-62.5°	0.0	0.2	0.5	1.3	2.9	5.4	8.7	12.4	15.8	19.7	23.7
-65°	0.0	0.2	0.5	1.2	2.6	4.7	7.8	11.1	14.1	17.6	21.4
-67.5°	0.0	0.1	0.4	1.1	2.3	4.1	6.8	9.7	12.3	15.4	18.8
-70°	0.0	0.1	0.4	0.9	2.0	3.6	5.8	8.2	10.6	13.1	16.1
-72.5°	0.0	0.1	0.3	0.8	1.7	3.1	4.9	6.7	8.8	11.1	13.4
-75°	0.0	0.1	0.3	0.7	1.3	2.5	4.0	5.5	7.0	8.9	10.9
-77.5°	0.0	0.1	0.3	0.6	1.1	1.8	3.1	4.3	5.6	6.9	8.4
-80°	0.0	0.1	0.2	0.5	0.9	1.4	2.1	3.1	4.1	5.2	6.4
-82.5°	0.0	0.1	0.2	0.4	0.7	1.1	1.5	2.1	2.7	3.5	4.4
-85°	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.4	1.8	2.2	2.7
-87.5°	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.7	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





REPORT NUMBER: P626542 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-U-WR-VSR-XX

**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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
65°	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
62.5°	0.3	0.3	0.4	0.6	0.4	0.2	0.3	0.4	0.3	0.2	0.2
60°	0.7	0.5	1.2	1.7	1.1	0.6	0.7	1.4	1.2	0.3	0.8
57.5°	1.4	1.7	3.1	3.2	2.5	1.7	3.6	4.0	3.3	2.1	3.0
55°	2.9	4.1	5.2	5.1	5.1	6.4	7.6	7.4	6.5	9.0	11.4
52.5°	5.5	6.7	7.5	8.1	9.9	11.1	11.5	12.2	14.7	17.8	18.4
50°	8.1	9.3	10.3	12.7	14.5	15.5	16.4	18.7	22.6	24.8	25.1
47.5°	10.7	12.1	14.6	17.2	19.0	20.5	22.0	27.4	31.7	33.5	34.1
45°	13.4	15.8	18.9	21.6	23.7	25.7	30.7	38.1	41.1	43.8	50.8
42.5°	16.2	19.9	23.3	26.2	28.5	32.7	39.7	46.8	51.2	57.0	65.5
40°	19.8	23.9	27.9	30.8	33.8	40.0	48.8	56.2	60.9	68.7	78.4
37.5°	23.4	28.2	32.6	35.6	39.8	48.2	58.5	67.5	73.2	79.6	95.1
35°	27.0	32.6	37.1	41.2	46.3	58.0	70.7	80.6	87.7	98.7	118.3
32.5°	30.9	37.1	41.7	47.2	55.7	68.8	84.3	95.4	107.1	122.9	154.3
30°	35.0	41.4	46.6	53.3	64.6	79.9	97.9	111.8	127.7	153.4	187.2
27.5°	39.0	45.6	52.0	60.5	73.0	89.4	108.2	130.2	150.8	179.4	216.4
25°	42.9	49.8	57.4	67.6	81.1	98.3	118.8	144.2	171.1	203.8	247.2
22.5°	46.7	54.2	63.0	74.0	87.9	106.7	131.2	161.0	193.3	227.2	277.1
20°	50.3	59.0	69.1	81.4	94.2	114.5	143.3	179.3	219.8	266.3	315.2
17.5°	54.0	63.8	75.5	89.2	104.6	125.4	155.7	198.6	247.9	308.4	368.6
15°	57.5	68.5	81.6	96.8	115.1	139.9	174.4	221.5	281.1	353.5	424.9
12.5°	61.0	73.1	87.5	104.2	125.3	153.7	192.0	242.8	311.1	397.6	485.3
10°	64.2	77.4	93.1	111.4	135.1	166.4	207.6	261.3	333.8	422.9	520.5
7.5°	65.9	80.4	97.9	118.2	144.3	178.1	221.1	276.9	351.4	443.3	541.0
5°	67.1	81.8	99.7	121.0	149.4	186.1	231.5	289.7	364.5	458.6	555.0
2.5°	68.1	82.8	101.0	122.5	151.4	188.8	234.9	294.1	371.5	466.6	563.1
0°	68.7	83.4	101.8	123.4	152.4	190.1	236.5	296.0	374.4	468.4	566.1
-2.5°	69.4	84.2	102.7	124.8	153.8	191.8	238.3	297.3	376.6	468.9	567.6
-5°	69.8	84.6	103.0	125.4	154.3	192.1	238.2	296.1	374.9	465.1	564.2
-7.5°	69.9	84.6	102.8	125.3	153.7	190.6	235.7	292.4	368.8	457.7	555.7
-10°	69.7	84.3	102.1	124.2	152.0	187.5	231.1	285.9	358.7	445.4	541.3
-12.5°	69.2	83.5	100.9	122.3	149.2	183.1	224.8	276.8	344.8	428.3	521.0
-15°	68.4	82.3	99.1	119.7	145.3	177.5	216.6	265.0	326.8	406.6	495.7
-17.5°	67.3	80.8	96.8	116.5	140.4	170.6	206.8	251.1	307.5	382.4	467.6
-20°	65.8	78.8	94.0	112.5	134.8	163.3	197.6	238.8	289.3	354.6	434.4

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Scaled Data Report



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	64.1	76.5	91.0	108.7	129.7	155.8	187.4	224.9	269.0	322.5	398.3
-25°	62.3	74.3	88.1	104.4	124.0	147.3	175.7	209.9	249.8	298.8	361.4
-27.5°	60.5	71.8	84.7	99.5	117.6	138.5	164.7	195.8	231.5	273.1	324.1
-30°	58.5	68.9	81.0	94.4	111.4	130.8	153.5	180.2	211.8	249.5	293.8
-32.5°	56.3	65.9	77.4	90.0	104.8	122.5	142.1	166.2	193.8	224.8	263.2
-35°	54.2	63.3	73.7	85.2	97.8	114.3	132.3	152.3	175.7	203.3	233.9
-37.5°	52.1	60.4	69.7	80.4	92.2	106.0	121.9	139.9	160.1	182.0	208.5
-40°	49.8	57.3	66.2	75.9	86.2	98.2	112.5	127.9	145.2	164.5	184.9
-42.5°	47.3	54.5	62.6	71.0	80.5	91.1	103.0	117.0	131.5	147.6	165.4
-45°	44.8	51.5	58.8	66.5	74.5	83.9	94.7	106.3	119.1	132.3	147.3
-47.5°	42.2	48.3	55.1	61.8	68.9	76.9	86.1	96.7	107.3	119.1	130.7
-50°	39.5	45.3	51.1	57.3	63.6	70.3	78.1	87.2	96.9	106.6	116.8
-52.5°	37.2	42.2	47.4	52.7	58.5	64.5	70.9	78.5	86.9	95.5	104.3
-55°	34.8	39.4	43.7	48.5	53.5	58.8	64.6	70.9	77.4	85.2	92.8
-57.5°	32.5	36.5	40.3	44.4	48.8	53.4	58.6	63.9	69.8	75.7	81.9
-60°	30.2	33.6	37.0	40.5	44.3	48.3	52.5	57.2	62.2	67.3	72.7
-62.5°	27.8	30.6	33.5	36.8	40.0	43.1	46.6	50.5	54.6	59.0	63.6
-65°	25.0	27.4	29.9	32.7	35.8	38.3	40.9	43.8	47.2	50.9	54.5
-67.5°	22.1	24.2	26.2	28.3	30.8	33.1	35.3	37.6	40.1	43.1	46.0
-70°	18.9	21.0	22.8	24.5	26.1	27.7	29.6	31.4	33.5	36.1	38.7
-72.5°	15.7	17.6	19.3	20.7	21.9	22.8	24.0	25.3	27.2	29.7	32.0
-75°	12.7	14.2	15.8	17.2	18.0	18.2	18.5	19.2	21.2	23.7	25.9
-77.5°	9.9	11.2	12.5	13.8	14.3	14.5	14.6	14.6	16.0	18.2	20.4
-80°	7.3	8.2	9.3	10.4	10.7	10.8	10.8	10.7	11.9	13.5	15.1
-82.5°	5.1	5.7	6.4	7.2	7.3	7.2	7.1	7.0	7.9	9.1	10.2
-85°	3.0	3.2	3.7	4.1	4.1	4.1	4.0	3.9	4.5	5.1	5.7
-87.5°	1.5	1.6	1.8	1.9	1.8	1.8	1.7	1.6	1.7	1.9	2.0
-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: P626542 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-U-WR-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°	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2
60°	0.9	0.5	0.5	0.7	0.6	0.3	0.5	0.7	0.6	0.5	0.4
57.5°	4.5	3.8	2.6	4.4	4.6	3.2	3.4	4.5	4.4	3.4	3.4
55°	11.4	11.5	12.4	13.5	14.4	14.8	15.1	16.8	18.6	20.4	21.2
52.5°	18.8	21.0	23.8	25.6	26.9	29.4	33.0	34.7	36.3	38.2	39.5
50°	27.7	31.6	34.3	34.7	39.0	41.8	42.4	45.6	49.0	51.1	52.6
47.5°	41.2	46.1	48.5	50.0	55.3	61.0	61.0	62.8	71.4	75.8	78.0
45°	59.4	63.5	67.7	78.7	88.8	92.0	98.9	108.2	114.3	122.6	131.7
42.5°	74.9	82.5	93.1	105.2	115.4	123.8	134.0	145.2	158.6	171.3	182.2
40°	90.2	99.6	112.7	125.9	138.7	150.4	166.8	181.2	197.1	214.5	229.0
37.5°	110.1	122.1	135.7	152.4	172.3	185.3	207.9	228.6	246.5	267.5	280.4
35°	140.8	156.5	168.5	202.1	226.3	241.5	268.3	302.3	315.4	341.8	354.4
32.5°	179.4	200.2	231.8	276.4	308.7	336.6	376.7	411.2	440.6	467.2	494.8
30°	222.7	254.8	301.5	360.6	393.5	432.6	486.8	527.7	573.8	624.5	642.2
27.5°	262.0	310.1	364.3	412.2	459.4	508.2	561.4	614.0	663.9	706.0	734.2
25°	298.5	356.7	409.4	460.6	511.7	566.6	626.8	686.4	741.3	784.6	817.6
22.5°	336.1	397.6	454.0	505.9	565.3	627.6	691.6	760.0	822.4	867.4	903.3
20°	371.4	439.8	504.1	563.3	619.4	691.3	765.1	837.6	905.6	959.2	1000.6
17.5°	427.5	486.9	565.5	642.3	705.6	771.6	870.2	945.0	1020.5	1084.6	1128.5
15°	496.5	561.7	642.9	748.4	835.1	910.7	1012.6	1134.2	1223.3	1305.2	1361.4
12.5°	565.4	639.3	727.0	845.8	969.2	1058.3	1181.8	1336.0	1439.8	1566.6	1629.1
10°	618.3	711.0	801.3	909.7	1028.3	1155.2	1288.3	1432.6	1571.3	1680.1	1777.4
7.5°	639.6	738.4	842.9	953.5	1072.0	1203.0	1344.9	1495.1	1637.8	1759.3	1866.3
5°	655.5	756.7	861.9	975.0	1101.7	1238.5	1382.5	1540.2	1685.9	1816.2	1925.6
2.5°	665.6	767.8	872.6	987.5	1120.7	1261.6	1410.3	1572.1	1720.0	1854.1	1963.2
0°	669.4	770.1	877.5	995.8	1127.7	1268.9	1424.0	1587.7	1736.8	1866.5	1978.7
-2.5°	669.9	767.9	877.8	995.6	1121.7	1264.3	1421.2	1583.6	1729.6	1858.8	1972.0
-5°	664.7	762.6	872.6	988.6	1115.0	1256.4	1406.6	1563.5	1702.8	1828.5	1937.5
-7.5°	654.0	751.7	859.2	972.5	1095.5	1232.7	1377.0	1522.9	1659.5	1780.1	1884.1
-10°	638.3	733.8	837.6	948.0	1064.4	1194.9	1332.5	1471.8	1600.0	1711.5	1807.7
-12.5°	616.8	710.2	809.3	914.7	1023.0	1147.5	1277.4	1408.2	1525.0	1626.8	1713.1
-15°	589.0	680.2	776.2	875.9	980.9	1093.4	1210.0	1330.1	1437.8	1528.0	1606.9
-17.5°	556.2	644.7	735.9	828.3	927.9	1033.5	1141.7	1249.5	1341.3	1421.5	1493.6
-20°	519.6	604.9	691.5	777.7	868.1	965.7	1065.6	1160.3	1240.6	1313.4	1379.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626542 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	478.7	560.3	643.3	723.9	805.5	893.9	983.1	1068.7	1143.8	1206.1	1263.4
-25°	434.8	510.2	588.6	664.2	739.2	818.5	899.6	978.3	1044.4	1098.5	1145.9
-27.5°	390.7	459.5	528.6	599.8	669.1	742.2	815.6	883.6	943.0	992.8	1032.6
-30°	344.2	405.8	468.9	533.3	599.5	666.4	732.7	792.3	844.1	887.9	922.3
-32.5°	305.6	352.4	408.1	466.5	528.6	589.6	647.3	701.5	750.4	788.7	817.8
-35°	268.6	308.2	349.9	401.7	455.0	511.1	564.2	612.6	656.1	689.6	717.1
-37.5°	236.8	268.1	303.4	340.4	385.1	431.5	479.4	524.9	563.7	592.9	617.4
-40°	209.3	234.0	262.2	291.5	324.4	357.7	399.4	437.9	469.6	496.8	519.0
-42.5°	184.4	205.3	226.1	250.1	275.0	301.8	331.0	359.5	383.8	406.6	425.4
-45°	162.9	179.6	196.2	214.7	233.0	254.8	275.7	294.3	314.0	331.1	344.5
-47.5°	144.1	157.1	171.4	185.2	199.9	216.3	231.8	246.0	260.4	273.0	283.0
-50°	127.5	138.2	149.8	160.7	172.6	184.6	196.1	207.3	218.3	227.8	235.2
-52.5°	112.8	122.3	131.3	140.0	149.4	158.3	166.6	175.9	184.5	192.0	197.0
-55°	100.4	108.1	115.5	122.8	129.9	136.6	143.2	150.5	157.1	163.1	166.8
-57.5°	88.7	95.3	101.6	107.5	113.1	118.5	124.1	129.6	134.7	139.2	142.1
-60°	78.1	83.5	88.9	93.7	98.3	102.5	107.2	111.7	115.8	119.2	121.3
-62.5°	68.3	73.1	77.1	81.0	84.8	88.7	92.0	95.3	98.5	101.2	102.9
-65°	58.2	62.2	65.6	68.7	71.5	74.5	77.3	79.9	82.2	83.9	85.0
-67.5°	49.1	52.1	54.8	57.2	59.7	62.1	64.3	66.2	68.0	69.2	70.0
-70°	41.2	43.5	45.7	47.9	50.1	52.0	53.6	55.0	56.3	56.9	57.1
-72.5°	34.2	36.2	38.2	40.1	42.0	43.4	44.6	45.7	46.7	45.8	44.3
-75°	27.8	29.6	31.5	33.2	34.8	35.9	36.8	37.6	38.3	36.5	34.0
-77.5°	22.7	24.2	25.6	27.0	28.3	29.0	29.6	30.1	30.6	28.6	26.1
-80°	16.9	18.1	19.3	20.4	21.5	21.9	22.2	22.4	22.5	20.7	18.7
-82.5°	11.4	12.0	12.7	13.3	14.0	14.4	14.7	14.9	15.0	13.8	12.4
-85°	6.4	6.6	6.7	6.8	7.0	7.2	7.4	7.6	7.8	7.2	6.6
-87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	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



REPORT NUMBER: P626542 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-U-WR-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	0.0	0.0
62.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
60°	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.7
57.5°	3.2	2.8	2.5	2.2	2.5	2.8	3.2	3.4	3.4	4.4	4.5
55°	20.9	19.4	17.7	15.6	17.7	19.4	20.9	21.2	20.4	18.6	16.8
52.5°	40.9	42.3	43.1	43.0	43.1	42.3	40.9	39.5	38.2	36.3	34.7
50°	53.9	54.6	54.7	54.1	54.7	54.6	53.9	52.6	51.1	49.0	45.6
47.5°	79.0	77.9	76.1	74.2	76.1	77.9	79.0	78.0	75.8	71.4	62.8
45°	137.8	141.1	140.9	136.6	140.9	141.1	137.8	131.7	122.6	114.3	108.2
42.5°	188.3	193.2	196.8	198.6	196.8	193.2	188.3	182.2	171.3	158.6	145.2
40°	237.2	242.0	244.1	243.9	244.1	242.0	237.2	229.0	214.5	197.1	181.2
37.5°	288.8	295.0	298.0	296.6	298.0	295.0	288.8	280.4	267.5	246.5	228.6
35°	359.8	365.6	365.7	362.8	365.7	365.6	359.8	354.4	341.8	315.4	302.3
32.5°	516.8	518.7	503.7	498.5	503.7	518.7	516.8	494.8	467.2	440.6	411.2
30°	659.8	673.6	686.5	692.9	686.5	673.6	659.8	642.2	624.5	573.8	527.7
27.5°	755.5	772.1	782.4	783.1	782.4	772.1	755.5	734.2	706.0	663.9	614.0
25°	842.6	861.1	872.4	876.2	872.4	861.1	842.6	817.6	784.6	741.3	686.4
22.5°	933.8	955.7	970.2	973.1	970.2	955.7	933.8	903.3	867.4	822.4	760.0
20°	1039.6	1065.1	1079.0	1078.4	1079.0	1065.1	1039.6	1000.6	959.2	905.6	837.6
17.5°	1178.9	1206.2	1218.2	1213.0	1218.2	1206.2	1178.9	1128.5	1084.6	1020.5	945.0
15°	1419.0	1476.1	1475.9	1453.1	1475.9	1476.1	1419.0	1361.4	1305.2	1223.3	1134.2
12.5°	1715.3	1757.8	1801.5	1810.9	1801.5	1757.8	1715.3	1629.1	1566.6	1439.8	1336.0
10°	1859.4	1915.9	1953.2	1952.2	1953.2	1915.9	1859.4	1777.4	1680.1	1571.3	1432.6
7.5°	1949.6	2012.0	2057.2	2056.2	2057.2	2012.0	1949.6	1866.3	1759.3	1637.8	1495.1
5°	2019.1	2088.4	2128.4	2131.4	2128.4	2088.4	2019.1	1925.6	1816.2	1685.9	1540.2
2.5°	2055.3	2127.6	2175.7	2169.4	2175.7	2127.6	2055.3	1963.2	1854.1	1720.0	1572.1
0°	2070.4	2142.0	2186.9	2206.3	2186.9	2142.0	2070.4	1978.7	1866.5	1736.8	1587.7
-2.5°	2063.8	2133.5	2183.0	2185.0	2183.0	2133.5	2063.8	1972.0	1858.8	1729.6	1583.6
-5°	2028.4	2101.9	2135.2	2152.8	2135.2	2101.9	2028.4	1937.5	1828.5	1702.8	1563.5
-7.5°	1971.5	2026.5	2068.7	2088.2	2068.7	2026.5	1971.5	1884.1	1780.1	1659.5	1522.9
-10°	1882.7	1939.7	1975.4	1991.5	1975.4	1939.7	1882.7	1807.7	1711.5	1600.0	1471.8
-12.5°	1784.3	1836.1	1870.1	1883.7	1870.1	1836.1	1784.3	1713.1	1626.8	1525.0	1408.2
-15°	1674.7	1721.7	1752.9	1765.9	1752.9	1721.7	1674.7	1606.9	1528.0	1437.8	1330.1
-17.5°	1553.9	1595.1	1626.2	1635.6	1626.2	1595.1	1553.9	1493.6	1421.5	1341.3	1249.5
-20°	1429.7	1467.0	1492.7	1498.2	1492.7	1467.0	1429.7	1379.4	1313.4	1240.6	1160.3



REPORT NUMBER: P626542 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1304.6	1335.3	1356.2	1363.2	1356.2	1335.3	1304.6	1263.4	1206.1	1143.8	1068.7
-25°	1182.3	1208.8	1225.6	1231.9	1225.6	1208.8	1182.3	1145.9	1098.5	1044.4	978.3
-27.5°	1064.8	1089.5	1104.9	1106.9	1104.9	1089.5	1064.8	1032.6	992.8	943.0	883.6
-30°	949.1	969.5	981.4	986.4	981.4	969.5	949.1	922.3	887.9	844.1	792.3
-32.5°	840.9	858.7	869.4	872.3	869.4	858.7	840.9	817.8	788.7	750.4	701.5
-35°	738.9	755.3	764.8	764.0	764.8	755.3	738.9	717.1	689.6	656.1	612.6
-37.5°	637.7	652.9	661.4	660.6	661.4	652.9	637.7	617.4	592.9	563.7	524.9
-40°	537.3	550.4	557.9	559.8	557.9	550.4	537.3	519.0	496.8	469.6	437.9
-42.5°	441.1	453.2	459.3	456.9	459.3	453.2	441.1	425.4	406.6	383.8	359.5
-45°	353.9	360.2	364.3	366.9	364.3	360.2	353.9	344.5	331.1	314.0	294.3
-47.5°	290.3	295.5	298.3	298.8	298.3	295.5	290.3	283.0	273.0	260.4	246.0
-50°	240.9	245.4	247.3	246.8	247.3	245.4	240.9	235.2	227.8	218.3	207.3
-52.5°	200.7	203.2	204.9	205.8	204.9	203.2	200.7	197.0	192.0	184.5	175.9
-55°	169.7	171.6	172.8	173.2	172.8	171.6	169.7	166.8	163.1	157.1	150.5
-57.5°	144.5	146.4	147.1	146.9	147.1	146.4	144.5	142.1	139.2	134.7	129.6
-60°	122.8	123.9	124.7	125.1	124.7	123.9	122.8	121.3	119.2	115.8	111.7
-62.5°	104.3	105.3	106.2	106.7	106.2	105.3	104.3	102.9	101.2	98.5	95.3
-65°	85.8	86.2	86.4	86.2	86.4	86.2	85.8	85.0	83.9	82.2	79.9
-67.5°	70.6	70.9	71.2	71.2	71.2	70.9	70.6	70.0	69.2	68.0	66.2
-70°	57.4	57.5	57.3	56.9	57.3	57.5	57.4	57.1	56.9	56.3	55.0
-72.5°	42.8	41.2	39.7	38.0	39.7	41.2	42.8	44.3	45.8	46.7	45.7
-75°	31.5	28.8	27.8	26.9	27.8	28.8	31.5	34.0	36.5	38.3	37.6
-77.5°	23.4	20.6	19.9	19.2	19.9	20.6	23.4	26.1	28.6	30.6	30.1
-80°	16.7	14.5	14.0	13.6	14.0	14.5	16.7	18.7	20.7	22.5	22.4
-82.5°	11.0	9.5	9.1	8.8	9.1	9.5	11.0	12.4	13.8	15.0	14.9
-85°	5.9	5.2	5.0	4.9	5.0	5.2	5.9	6.6	7.2	7.8	7.6
-87.5°	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.9	2.0	2.1	2.1
-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: P626542 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-WR-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	0.1	0.1	0.2	0.2	0.2	0.1	0.1
85°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2
67.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
65°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
62.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4
60°	0.5	0.3	0.6	0.7	0.5	0.5	0.9	0.8	0.3	1.2	1.4
57.5°	3.4	3.2	4.6	4.4	2.6	3.8	4.5	3.0	2.1	3.3	4.0
55°	15.1	14.8	14.4	13.5	12.4	11.5	11.4	11.4	9.0	6.5	7.4
52.5°	33.0	29.4	26.9	25.6	23.8	21.0	18.8	18.4	17.8	14.7	12.2
50°	42.4	41.8	39.0	34.7	34.3	31.6	27.7	25.1	24.8	22.6	18.7
47.5°	61.0	61.0	55.3	50.0	48.5	46.1	41.2	34.1	33.5	31.7	27.4
45°	98.9	92.0	88.8	78.7	67.7	63.5	59.4	50.8	43.8	41.1	38.1
42.5°	134.0	123.8	115.4	105.2	93.1	82.5	74.9	65.5	57.0	51.2	46.8
40°	166.8	150.4	138.7	125.9	112.7	99.6	90.2	78.4	68.7	60.9	56.2
37.5°	207.9	185.3	172.3	152.4	135.7	122.1	110.1	95.1	79.6	73.2	67.5
35°	268.3	241.5	226.3	202.1	168.5	156.5	140.8	118.3	98.7	87.7	80.6
32.5°	376.7	336.6	308.7	276.4	231.8	200.2	179.4	154.3	122.9	107.1	95.4
30°	486.8	432.6	393.5	360.6	301.5	254.8	222.7	187.2	153.4	127.7	111.8
27.5°	561.4	508.2	459.4	412.2	364.3	310.1	262.0	216.4	179.4	150.8	130.2
25°	626.8	566.6	511.7	460.6	409.4	356.7	298.5	247.2	203.8	171.1	144.2
22.5°	691.6	627.6	565.3	505.9	454.0	397.6	336.1	277.1	227.2	193.3	161.0
20°	765.1	691.3	619.4	563.3	504.1	439.8	371.4	315.2	266.3	219.8	179.3
17.5°	870.2	771.6	705.6	642.3	565.5	486.9	427.5	368.6	308.4	247.9	198.6
15°	1012.6	910.7	835.1	748.4	642.9	561.7	496.5	424.9	353.5	281.1	221.5
12.5°	1181.8	1058.3	969.2	845.8	727.0	639.3	565.4	485.3	397.6	311.1	242.8
10°	1288.3	1155.2	1028.3	909.7	801.3	711.0	618.3	520.5	422.9	333.8	261.3
7.5°	1344.9	1203.0	1072.0	953.5	842.9	738.4	639.6	541.0	443.3	351.4	276.9
5°	1382.5	1238.5	1101.7	975.0	861.9	756.7	655.5	555.0	458.6	364.5	289.7
2.5°	1410.3	1261.6	1120.7	987.5	872.6	767.8	665.6	563.1	466.6	371.5	294.1
0°	1424.0	1268.9	1127.7	995.8	877.5	770.1	669.4	566.1	468.4	374.4	296.0
-2.5°	1421.2	1264.3	1121.7	995.6	877.8	767.9	669.9	567.6	468.9	376.6	297.3
-5°	1406.6	1256.4	1115.0	988.6	872.6	762.6	664.7	564.2	465.1	374.9	296.1
-7.5°	1377.0	1232.7	1095.5	972.5	859.2	751.7	654.0	555.7	457.7	368.8	292.4
-10°	1332.5	1194.9	1064.4	948.0	837.6	733.8	638.3	541.3	445.4	358.7	285.9
-12.5°	1277.4	1147.5	1023.0	914.7	809.3	710.2	616.8	521.0	428.3	344.8	276.8
-15°	1210.0	1093.4	980.9	875.9	776.2	680.2	589.0	495.7	406.6	326.8	265.0
-17.5°	1141.7	1033.5	927.9	828.3	735.9	644.7	556.2	467.6	382.4	307.5	251.1
-20°	1065.6	965.7	868.1	777.7	691.5	604.9	519.6	434.4	354.6	289.3	238.8



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

Scaled Data Report



REPORT NUMBER: P626542 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	983.1	893.9	805.5	723.9	643.3	560.3	478.7	398.3	322.5	269.0	224.9
-25°	899.6	818.5	739.2	664.2	588.6	510.2	434.8	361.4	298.8	249.8	209.9
-27.5°	815.6	742.2	669.1	599.8	528.6	459.5	390.7	324.1	273.1	231.5	195.8
-30°	732.7	666.4	599.5	533.3	468.9	405.8	344.2	293.8	249.5	211.8	180.2
-32.5°	647.3	589.6	528.6	466.5	408.1	352.4	305.6	263.2	224.8	193.8	166.2
-35°	564.2	511.1	455.0	401.7	349.9	308.2	268.6	233.9	203.3	175.7	152.3
-37.5°	479.4	431.5	385.1	340.4	303.4	268.1	236.8	208.5	182.0	160.1	139.9
-40°	399.4	357.7	324.4	291.5	262.2	234.0	209.3	184.9	164.5	145.2	127.9
-42.5°	331.0	301.8	275.0	250.1	226.1	205.3	184.4	165.4	147.6	131.5	117.0
-45°	275.7	254.8	233.0	214.7	196.2	179.6	162.9	147.3	132.3	119.1	106.3
-47.5°	231.8	216.3	199.9	185.2	171.4	157.1	144.1	130.7	119.1	107.3	96.7
-50°	196.1	184.6	172.6	160.7	149.8	138.2	127.5	116.8	106.6	96.9	87.2
-52.5°	166.6	158.3	149.4	140.0	131.3	122.3	112.8	104.3	95.5	86.9	78.5
-55°	143.2	136.6	129.9	122.8	115.5	108.1	100.4	92.8	85.2	77.4	70.9
-57.5°	124.1	118.5	113.1	107.5	101.6	95.3	88.7	81.9	75.7	69.8	63.9
-60°	107.2	102.5	98.3	93.7	88.9	83.5	78.1	72.7	67.3	62.2	57.2
-62.5°	92.0	88.7	84.8	81.0	77.1	73.1	68.3	63.6	59.0	54.6	50.5
-65°	77.3	74.5	71.5	68.7	65.6	62.2	58.2	54.5	50.9	47.2	43.8
-67.5°	64.3	62.1	59.7	57.2	54.8	52.1	49.1	46.0	43.1	40.1	37.6
-70°	53.6	52.0	50.1	47.9	45.7	43.5	41.2	38.7	36.1	33.5	31.4
-72.5°	44.6	43.4	42.0	40.1	38.2	36.2	34.2	32.0	29.7	27.2	25.3
-75°	36.8	35.9	34.8	33.2	31.5	29.6	27.8	25.9	23.7	21.2	19.2
-77.5°	29.6	29.0	28.3	27.0	25.6	24.2	22.7	20.4	18.2	16.0	14.6
-80°	22.2	21.9	21.5	20.4	19.3	18.1	16.9	15.1	13.5	11.9	10.7
-82.5°	14.7	14.4	14.0	13.3	12.7	12.0	11.4	10.2	9.1	7.9	7.0
-85°	7.4	7.2	7.0	6.8	6.7	6.6	6.4	5.7	5.1	4.5	3.9
-87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.9	1.7	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626542 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-U-WR-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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65°	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.2
62.5°	0.3	0.2	0.4	0.6	0.4	0.3	0.3	0.7	0.5	0.3	0.3
60°	0.7	0.6	1.1	1.7	1.2	0.5	0.7	1.2	1.1	0.4	0.3
57.5°	3.6	1.7	2.5	3.2	3.1	1.7	1.4	2.0	1.8	1.1	0.4
55°	7.6	6.4	5.1	5.1	5.2	4.1	2.9	3.0	2.7	1.9	0.6
52.5°	11.5	11.1	9.9	8.1	7.5	6.7	5.5	4.2	3.9	2.8	1.5
50°	16.4	15.5	14.5	12.7	10.3	9.3	8.1	6.5	5.4	3.9	2.5
47.5°	22.0	20.5	19.0	17.2	14.6	12.1	10.7	8.8	6.9	5.4	3.4
45°	30.7	25.7	23.7	21.6	18.9	15.8	13.4	11.1	9.0	6.9	4.4
42.5°	39.7	32.7	28.5	26.2	23.3	19.9	16.2	13.6	11.0	8.3	5.6
40°	48.8	40.0	33.8	30.8	27.9	23.9	19.8	16.3	13.0	9.9	6.9
37.5°	58.5	48.2	39.8	35.6	32.6	28.2	23.4	19.0	15.0	11.5	8.1
35°	70.7	58.0	46.3	41.2	37.1	32.6	27.0	21.9	17.4	13.2	9.4
32.5°	84.3	68.8	55.7	47.2	41.7	37.1	30.9	25.2	19.9	14.9	10.6
30°	97.9	79.9	64.6	53.3	46.6	41.4	35.0	28.6	22.5	16.5	11.8
27.5°	108.2	89.4	73.0	60.5	52.0	45.6	39.0	31.9	25.0	18.4	13.2
25°	118.8	98.3	81.1	67.6	57.4	49.8	42.9	35.2	27.8	20.5	14.5
22.5°	131.2	106.7	87.9	74.0	63.0	54.2	46.7	38.6	30.6	22.5	15.8
20°	143.3	114.5	94.2	81.4	69.1	59.0	50.3	41.9	33.3	24.6	17.1
17.5°	155.7	125.4	104.6	89.2	75.5	63.8	54.0	44.9	35.9	26.6	18.3
15°	174.4	139.9	115.1	96.8	81.6	68.5	57.5	47.8	38.5	28.5	19.3
12.5°	192.0	153.7	125.3	104.2	87.5	73.1	61.0	50.5	40.9	30.1	20.2
10°	207.6	166.4	135.1	111.4	93.1	77.4	64.2	52.6	42.3	31.4	21.0
7.5°	221.1	178.1	144.3	118.2	97.9	80.4	65.9	53.7	43.4	32.5	21.7
5°	231.5	186.1	149.4	121.0	99.7	81.8	67.1	54.6	44.3	33.4	22.3
2.5°	234.9	188.8	151.4	122.5	101.0	82.8	68.1	55.3	45.0	34.2	22.8
0°	236.5	190.1	152.4	123.4	101.8	83.4	68.7	55.8	45.4	34.8	23.2
-2.5°	238.3	191.8	153.8	124.8	102.7	84.2	69.4	56.5	46.1	35.5	23.9
-5°	238.2	192.1	154.3	125.4	103.0	84.6	69.8	57.1	46.5	36.0	24.4
-7.5°	235.7	190.6	153.7	125.3	102.8	84.6	69.9	57.4	46.8	36.3	24.8
-10°	231.1	187.5	152.0	124.2	102.1	84.3	69.7	57.4	46.9	36.5	25.1
-12.5°	224.8	183.1	149.2	122.3	100.9	83.5	69.2	57.2	46.8	36.4	25.3
-15°	216.6	177.5	145.3	119.7	99.1	82.3	68.4	56.6	46.4	36.2	25.3
-17.5°	206.8	170.6	140.4	116.5	96.8	80.8	67.3	55.9	45.9	35.7	25.3
-20°	197.6	163.3	134.8	112.5	94.0	78.8	65.8	54.9	45.2	35.1	25.2

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REPORT NUMBER: P626542 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	187.4	155.8	129.7	108.7	91.0	76.5	64.1	53.7	44.4	34.4	24.9
-25°	175.7	147.3	124.0	104.4	88.1	74.3	62.3	52.3	43.4	33.6	24.6
-27.5°	164.7	138.5	117.6	99.5	84.7	71.8	60.5	51.0	42.3	32.7	24.2
-30°	153.5	130.8	111.4	94.4	81.0	68.9	58.5	49.6	41.1	31.9	23.6
-32.5°	142.1	122.5	104.8	90.0	77.4	65.9	56.3	48.1	39.8	31.2	23.2
-35°	132.3	114.3	97.8	85.2	73.7	63.3	54.2	46.5	38.5	30.3	22.7
-37.5°	121.9	106.0	92.2	80.4	69.7	60.4	52.1	44.7	37.1	29.3	22.1
-40°	112.5	98.2	86.2	75.9	66.2	57.3	49.8	42.7	35.8	28.3	21.5
-42.5°	103.0	91.1	80.5	71.0	62.6	54.5	47.3	40.6	34.2	27.3	20.7
-45°	94.7	83.9	74.5	66.5	58.8	51.5	44.8	38.4	32.4	26.3	19.9
-47.5°	86.1	76.9	68.9	61.8	55.1	48.3	42.2	36.3	30.6	25.2	19.0
-50°	78.1	70.3	63.6	57.3	51.1	45.3	39.5	34.2	28.9	23.8	18.1
-52.5°	70.9	64.5	58.5	52.7	47.4	42.2	37.2	32.1	27.2	22.3	17.0
-55°	64.6	58.8	53.5	48.5	43.7	39.4	34.8	30.1	25.4	20.7	15.9
-57.5°	58.6	53.4	48.8	44.4	40.3	36.5	32.5	28.1	23.6	19.1	14.9
-60°	52.5	48.3	44.3	40.5	37.0	33.6	30.2	25.9	21.7	17.4	13.7
-62.5°	46.6	43.1	40.0	36.8	33.5	30.6	27.8	23.7	19.7	15.8	12.4
-65°	40.9	38.3	35.8	32.7	29.9	27.4	25.0	21.4	17.6	14.1	11.1
-67.5°	35.3	33.1	30.8	28.3	26.2	24.2	22.1	18.8	15.4	12.3	9.7
-70°	29.6	27.7	26.1	24.5	22.8	21.0	18.9	16.1	13.1	10.6	8.2
-72.5°	24.0	22.8	21.9	20.7	19.3	17.6	15.7	13.4	11.1	8.8	6.7
-75°	18.5	18.2	18.0	17.2	15.8	14.2	12.7	10.9	8.9	7.0	5.5
-77.5°	14.6	14.5	14.3	13.8	12.5	11.2	9.9	8.4	6.9	5.6	4.3
-80°	10.8	10.8	10.7	10.4	9.3	8.2	7.3	6.4	5.2	4.1	3.1
-82.5°	7.1	7.2	7.3	7.2	6.4	5.7	5.1	4.4	3.5	2.7	2.1
-85°	4.0	4.1	4.1	4.1	3.7	3.2	3.0	2.7	2.2	1.8	1.4
-87.5°	1.7	1.8	1.8	1.9	1.8	1.6	1.5	1.4	1.1	0.9	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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Scaled Data Report



REPORT NUMBER: P626542 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-WR-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°	0.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
82.5°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
80°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
77.5°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
75°	0.2	0.2	0.2	0.2	0.1	0.1	0.0
72.5°	0.2	0.2	0.2	0.2	0.1	0.1	0.0
70°	0.2	0.2	0.2	0.2	0.1	0.1	0.0
67.5°	0.2	0.2	0.2	0.2	0.2	0.1	0.0
65°	0.2	0.2	0.2	0.2	0.2	0.1	0.0
62.5°	0.2	0.2	0.2	0.2	0.2	0.1	0.0
60°	0.3	0.3	0.2	0.2	0.2	0.1	0.0
57.5°	0.5	0.3	0.2	0.2	0.2	0.1	0.0
55°	0.7	0.4	0.3	0.2	0.2	0.1	0.0
52.5°	0.9	0.4	0.3	0.2	0.2	0.1	0.0
50°	1.2	0.7	0.4	0.2	0.2	0.1	0.0
47.5°	1.6	1.0	0.4	0.2	0.2	0.1	0.0
45°	2.5	1.3	0.5	0.2	0.2	0.1	0.0
42.5°	3.3	1.7	0.5	0.3	0.2	0.1	0.0
40°	4.2	2.0	0.7	0.3	0.2	0.2	0.0
37.5°	5.0	2.4	0.9	0.4	0.2	0.2	0.0
35°	5.8	3.0	1.2	0.5	0.2	0.2	0.0
32.5°	6.7	3.6	1.5	0.5	0.2	0.2	0.0
30°	7.7	4.2	1.8	0.6	0.2	0.2	0.0
27.5°	8.6	4.9	2.1	0.7	0.2	0.2	0.0
25°	9.6	5.4	2.4	0.8	0.2	0.2	0.0
22.5°	10.5	6.0	2.7	0.9	0.3	0.2	0.0
20°	11.3	6.6	3.0	1.0	0.3	0.2	0.0
17.5°	12.1	7.1	3.3	1.1	0.3	0.2	0.0
15°	12.8	7.6	3.6	1.2	0.3	0.2	0.0
12.5°	13.5	8.1	3.9	1.3	0.3	0.2	0.0
10°	14.1	8.5	4.1	1.4	0.3	0.2	0.0
7.5°	14.6	8.9	4.3	1.5	0.3	0.2	0.0
5°	15.1	9.2	4.6	1.5	0.3	0.2	0.0
2.5°	15.5	9.5	4.7	1.6	0.3	0.2	0.0
0°	15.8	9.8	4.9	1.7	0.3	0.2	0.0
-2.5°	16.2	10.1	5.1	1.8	0.3	0.2	0.0
-5°	16.6	10.4	5.3	1.9	0.4	0.2	0.0
-7.5°	16.8	10.6	5.5	2.0	0.4	0.2	0.0
-10°	17.0	10.7	5.6	2.1	0.5	0.2	0.0
-12.5°	17.1	10.8	5.7	2.2	0.5	0.2	0.0
-15°	17.2	10.9	5.8	2.2	0.6	0.2	0.0
-17.5°	17.1	10.9	5.8	2.3	0.6	0.2	0.0
-20°	17.1	10.8	5.8	2.3	0.6	0.3	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.1	10.7	5.8	2.3	0.7	0.3	0.0
-25°	17.0	10.7	5.7	2.3	0.7	0.3	0.0
-27.5°	16.9	10.6	5.6	2.3	0.7	0.3	0.0
-30°	16.6	10.5	5.4	2.3	0.7	0.3	0.0
-32.5°	16.3	10.3	5.3	2.2	0.7	0.3	0.0
-35°	16.0	10.1	5.2	2.2	0.8	0.3	0.0
-37.5°	15.6	9.8	5.1	2.1	0.8	0.3	0.0
-40°	15.2	9.6	4.9	2.0	0.8	0.3	0.0
-42.5°	14.6	9.3	4.7	1.9	0.7	0.2	0.0
-45°	14.0	8.9	4.6	1.8	0.7	0.2	0.0
-47.5°	13.3	8.5	4.5	1.7	0.7	0.2	0.0
-50°	12.6	8.0	4.3	1.7	0.7	0.2	0.0
-52.5°	12.0	7.5	4.1	1.6	0.7	0.2	0.0
-55°	11.3	7.0	3.8	1.6	0.6	0.2	0.0
-57.5°	10.4	6.5	3.4	1.5	0.6	0.2	0.0
-60°	9.6	6.0	3.1	1.4	0.5	0.2	0.0
-62.5°	8.7	5.4	2.9	1.3	0.5	0.2	0.0
-65°	7.8	4.7	2.6	1.2	0.5	0.2	0.0
-67.5°	6.8	4.1	2.3	1.1	0.4	0.1	0.0
-70°	5.8	3.6	2.0	0.9	0.4	0.1	0.0
-72.5°	4.9	3.1	1.7	0.8	0.3	0.1	0.0
-75°	4.0	2.5	1.3	0.7	0.3	0.1	0.0
-77.5°	3.1	1.8	1.1	0.6	0.3	0.1	0.0
-80°	2.1	1.4	0.9	0.5	0.2	0.1	0.0
-82.5°	1.5	1.1	0.7	0.4	0.2	0.1	0.0
-85°	1.0	0.7	0.4	0.2	0.1	0.0	0.0
-87.5°	0.5	0.4	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)