

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: P626895 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2C-727-U-MR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P626895 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2C-727-U-MR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N39  
Light Source: (32) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10281 lumens  
Efficiency: N/A  
Efficacy: 84.5 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 32906.1 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 28.8°H x 29°V  
Beam Lumens: 4998.5 lumens  
Beam Efficiency: 48.6%

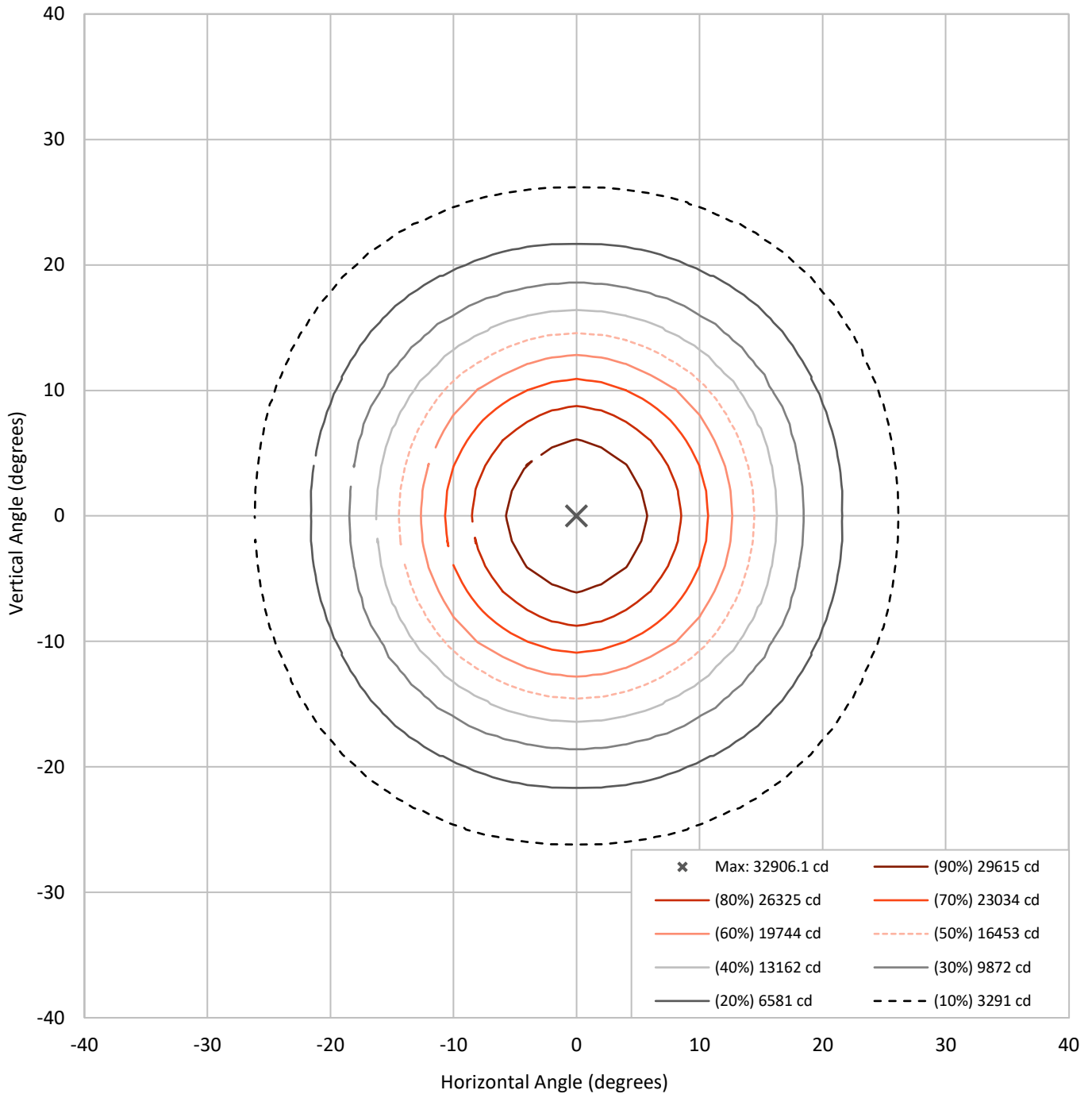
Field Angle (10%): 52.3°H x 52.3°V  
Field Lumens: 8435.4 lumens  
Field Efficiency: 82.0%

Input Watts (W): 121.7  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





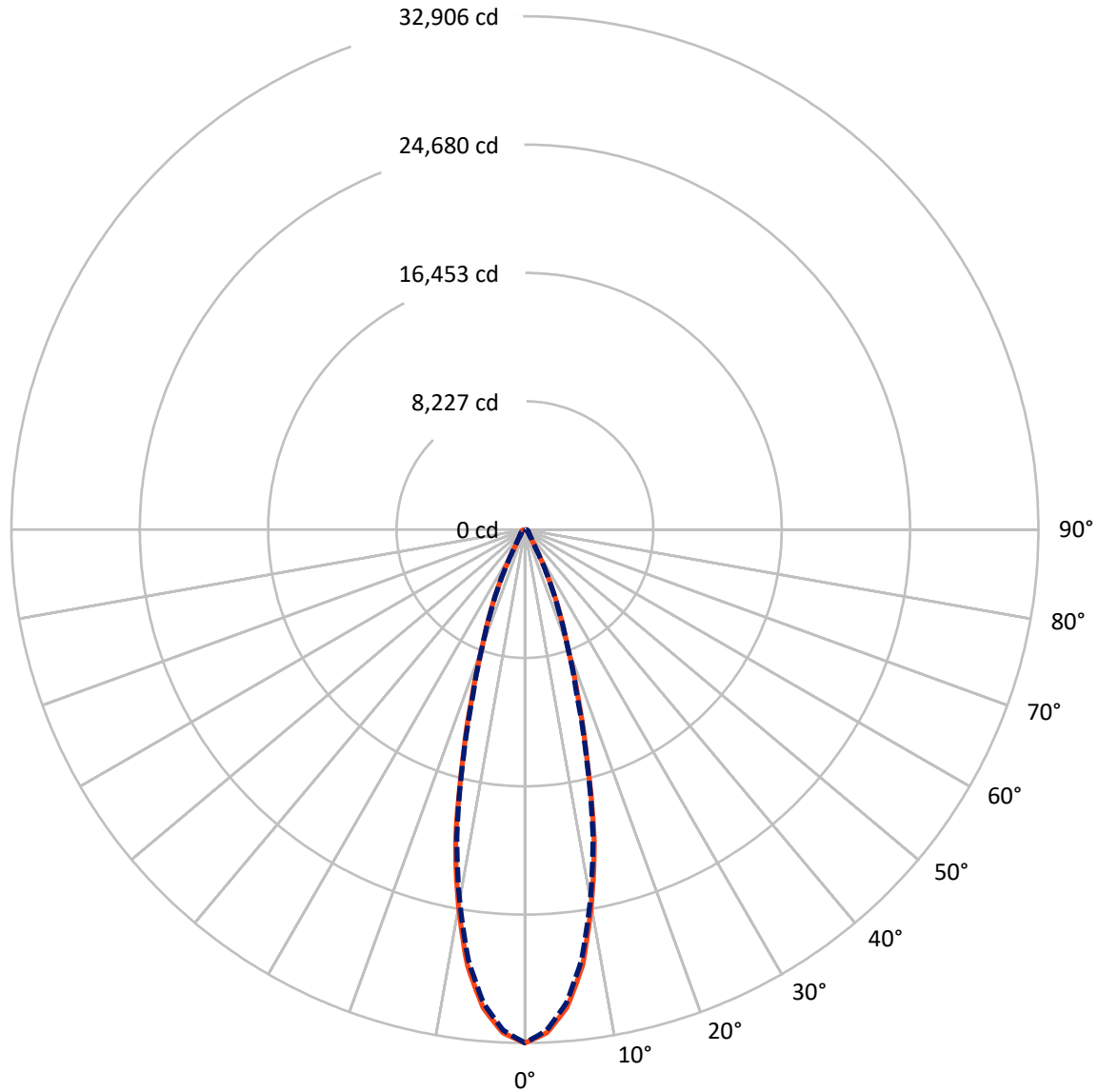
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### Lumen Table

90	0.2	1.7	4.5	7.1	7.8	7.1	4.5	1.7	0.2							
80	0.2	1.7	4.5	7.1	7.8	7.1	4.5	1.7	0.2							
70	0.8	0.9	1.8	2.9	4.1	5.0	5.6	5.8	5.8	5.6	5.0	4.1	2.9	1.8	0.9	0.8
60		1.3	2.7	4.3	5.7	7.1	7.9	8.2	8.2	7.9	7.1	5.7	4.3	2.7	1.3	
50	1.4	1.7	3.4	5.3	7.0	8.9	10.5	11.2	11.2	10.5	8.9	7.0	5.3	3.4	1.7	1.4
40		2.0	4.0	6.1	8.6	12.3	17.8	23.1	23.1	17.8	12.3	8.6	6.1	4.0	2.0	
30	1.7	2.2	4.4	6.9	11.1	24.0	67.7	120.0	120.0	67.7	24.0	11.1	6.9	4.4	2.2	1.7
20		2.4	4.6	7.5	15.1	63.1	224.9	430.9	430.9	224.9	63.1	15.1	7.5	4.6	2.4	
10	1.9	2.5	4.7	7.9	19.1	108.9	416.3	818.8	818.8	416.3	108.9	19.1	7.9	4.7	2.5	1.9
0		2.5	4.7	7.9	19.1	108.9	416.3	818.8	818.8	416.3	108.9	19.1	7.9	4.7	2.5	
-10	1.7	2.4	4.6	7.5	15.1	63.1	224.9	430.9	430.9	224.9	63.1	15.1	7.5	4.6	2.4	1.7
-20		2.2	4.4	6.9	11.1	24.0	67.7	120.0	120.0	67.7	24.0	11.1	6.9	4.4	2.2	
-30	1.4	2.0	4.0	6.1	8.6	12.3	17.8	23.1	23.1	17.8	12.3	8.6	6.1	4.0	2.0	1.4
-40		1.7	3.4	5.3	7.0	8.9	10.5	11.2	11.2	10.5	8.9	7.0	5.3	3.4	1.7	
-50	0.8	1.3	2.7	4.3	5.7	7.1	7.9	8.2	8.2	7.9	7.1	5.7	4.3	2.7	1.3	0.8
-60		0.9	1.8	2.9	4.1	5.0	5.6	5.8	5.8	5.6	5.0	4.1	2.9	1.8	0.9	
-70	0.2	1.7	4.5	7.1	7.8	7.1	4.5	1.7	0.2							
-80		0.2	1.7	4.5	7.1	7.8	7.1	4.5	1.7	0.2						
-90	0.2	1.7	4.5	7.1	7.8	7.1	4.5	1.7	0.2							

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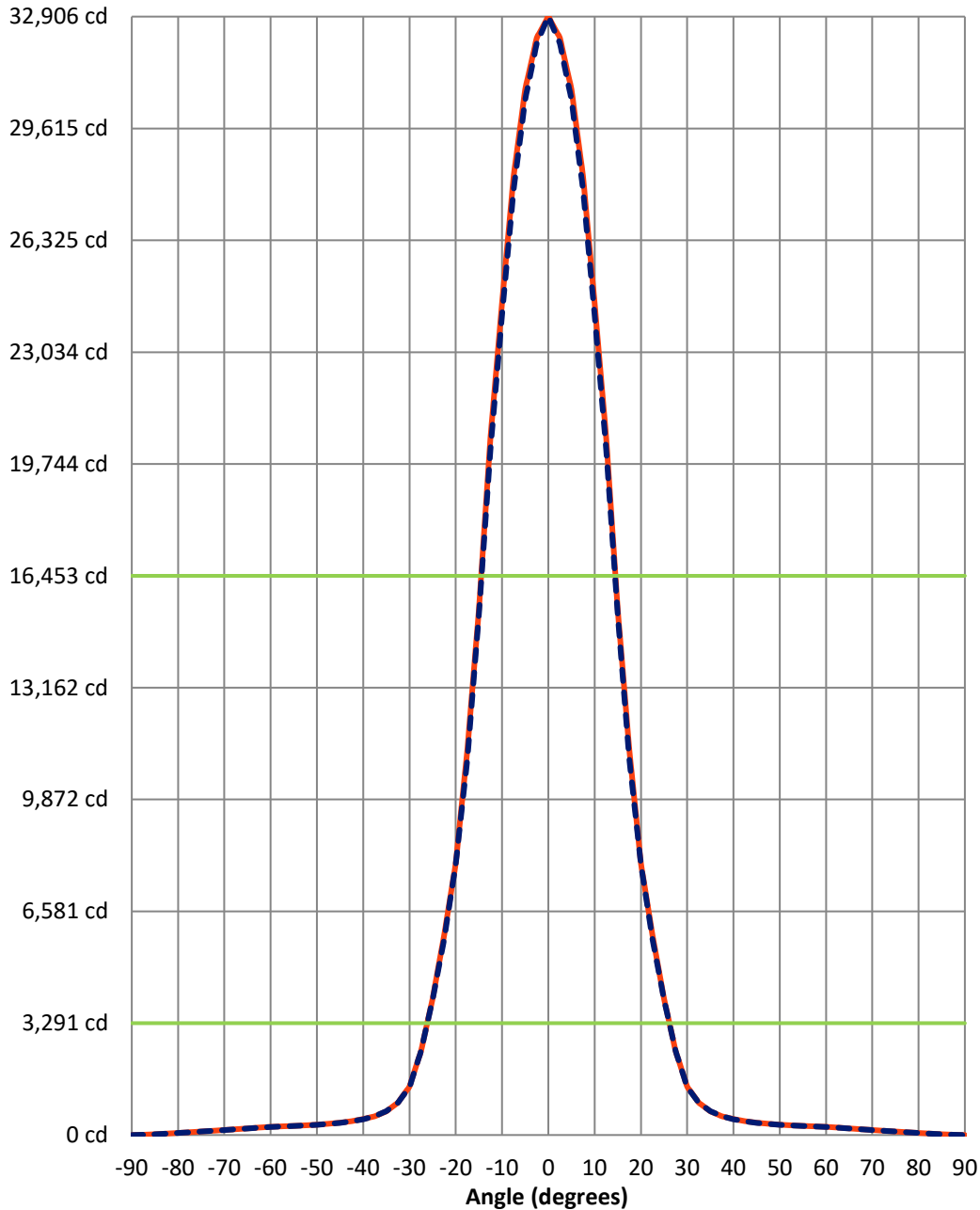
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 4998.5  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 8435.4  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 1845.6  
 Efficiency: 18.0%

— 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	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.9	3.2	3.5
85°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.0	5.7	6.4	7.1
82.5°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.6	8.8	10.8	12.9
80°	0.0	1.5	2.9	4.4	5.8	7.2	8.8	11.4	14.1	16.9	19.9
77.5°	0.0	1.8	3.6	5.4	7.2	9.5	12.6	15.9	19.4	23.1	27.1
75°	0.0	2.2	4.3	6.5	8.8	12.6	16.3	20.3	24.7	29.8	34.9
72.5°	0.0	2.5	5.0	7.6	11.3	15.7	20.0	25.0	30.9	36.8	42.7
70°	0.0	2.9	5.7	8.7	13.8	18.7	23.8	30.4	37.1	43.8	51.0
67.5°	0.0	3.2	6.4	10.5	16.2	21.7	28.4	35.7	43.2	51.3	59.3
65°	0.0	3.5	7.1	12.3	18.5	25.1	32.9	40.9	49.8	58.7	67.7
62.5°	0.0	3.9	7.7	14.1	20.8	28.8	37.4	46.4	56.3	66.1	76.3
60°	0.0	4.2	8.4	15.8	23.1	32.4	41.7	52.0	62.6	73.5	84.7
57.5°	0.0	4.5	9.5	17.4	25.9	36.0	46.3	57.4	68.9	80.7	93.0
55°	0.0	4.8	10.6	19.0	28.6	39.4	50.8	62.7	75.0	87.7	101.2
52.5°	0.0	5.1	11.6	20.6	31.3	42.8	55.1	67.8	80.8	94.9	109.1
50°	0.0	5.4	12.6	22.1	33.9	46.2	59.2	72.8	86.6	101.7	116.4
47.5°	0.0	5.7	13.6	23.6	36.4	49.5	63.2	77.5	92.5	108.4	123.3
45°	0.0	5.9	14.5	25.4	38.8	52.6	67.1	82.1	98.2	114.2	129.9
42.5°	0.0	6.2	15.4	27.2	41.1	55.5	70.9	86.7	103.6	119.8	135.9
40°	0.0	6.4	16.3	28.8	43.3	58.3	74.4	91.1	108.5	124.9	141.7
37.5°	0.0	6.7	17.1	30.3	45.4	61.0	77.8	95.3	112.9	129.9	147.1
35°	0.0	6.9	17.8	31.7	47.4	63.6	81.0	99.1	117.1	134.6	152.1
32.5°	0.0	7.1	18.6	33.0	49.3	66.0	84.0	102.7	120.9	139.0	157.0
30°	0.0	7.3	19.2	34.2	51.0	68.4	86.9	106.0	124.5	143.1	161.6
27.5°	0.0	7.5	19.8	35.3	52.5	70.5	89.5	108.8	127.9	146.9	165.8
25°	0.0	7.6	20.4	36.3	54.0	72.5	91.8	111.5	130.9	150.3	169.7
22.5°	0.0	7.8	20.9	37.2	55.3	74.2	93.9	113.8	133.6	153.4	173.5
20°	0.0	7.9	21.4	37.9	56.5	75.8	95.8	115.9	136.0	156.1	176.9
17.5°	0.0	8.0	21.8	38.6	57.6	77.1	97.5	117.7	138.1	158.5	179.9
15°	0.0	8.1	22.2	39.1	58.5	78.2	99.0	119.4	139.9	160.5	182.5
12.5°	0.0	8.2	22.5	39.5	59.4	79.0	100.3	121.0	141.5	162.2	184.6
10°	0.0	8.3	22.7	39.9	60.0	79.7	101.4	122.3	143.0	164.2	186.5
7.5°	0.0	8.3	22.9	40.1	60.6	80.1	102.3	123.3	144.2	165.9	188.6
5°	0.0	8.4	23.1	40.2	61.0	80.4	103.0	124.0	145.0	167.3	190.3
2.5°	0.0	8.4	23.2	40.2	61.2	80.4	103.4	124.5	145.5	168.4	191.5
0°	0.0	8.4	23.2	40.1	61.3	80.3	103.5	124.6	145.7	169.0	192.2
-2.5°	0.0	8.4	23.2	40.2	61.2	80.4	103.4	124.5	145.5	168.4	191.5
-5°	0.0	8.4	23.1	40.2	61.0	80.4	103.0	124.0	145.0	167.3	190.3
-7.5°	0.0	8.3	22.9	40.1	60.6	80.1	102.3	123.3	144.2	165.9	188.6
-10°	0.0	8.3	22.7	39.9	60.0	79.7	101.4	122.3	143.0	164.2	186.5
-12.5°	0.0	8.2	22.5	39.5	59.4	79.0	100.3	121.0	141.5	162.2	184.6
-15°	0.0	8.1	22.2	39.1	58.5	78.2	99.0	119.4	139.9	160.5	182.5
-17.5°	0.0	8.0	21.8	38.6	57.6	77.1	97.5	117.7	138.1	158.5	179.9
-20°	0.0	7.9	21.4	37.9	56.5	75.8	95.8	115.9	136.0	156.1	176.9

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Scaled Data Report



REPORT NUMBER: P626895 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.8	20.9	37.2	55.3	74.2	93.9	113.8	133.6	153.4	173.5
-25°	0.0	7.6	20.4	36.3	54.0	72.5	91.8	111.5	130.9	150.3	169.7
-27.5°	0.0	7.5	19.8	35.3	52.5	70.5	89.5	108.8	127.9	146.9	165.8
-30°	0.0	7.3	19.2	34.2	51.0	68.4	86.9	106.0	124.5	143.1	161.6
-32.5°	0.0	7.1	18.6	33.0	49.3	66.0	84.0	102.7	120.9	139.0	157.0
-35°	0.0	6.9	17.8	31.7	47.4	63.6	81.0	99.1	117.1	134.6	152.1
-37.5°	0.0	6.7	17.1	30.3	45.4	61.0	77.8	95.3	112.9	129.9	147.1
-40°	0.0	6.4	16.3	28.8	43.3	58.3	74.4	91.1	108.5	124.9	141.7
-42.5°	0.0	6.2	15.4	27.2	41.1	55.5	70.9	86.7	103.6	119.8	135.9
-45°	0.0	5.9	14.5	25.4	38.8	52.6	67.1	82.1	98.2	114.2	129.9
-47.5°	0.0	5.7	13.6	23.6	36.4	49.5	63.2	77.5	92.5	108.4	123.3
-50°	0.0	5.4	12.6	22.1	33.9	46.2	59.2	72.8	86.6	101.7	116.4
-52.5°	0.0	5.1	11.6	20.6	31.3	42.8	55.1	67.8	80.8	94.9	109.1
-55°	0.0	4.8	10.6	19.0	28.6	39.4	50.8	62.7	75.0	87.7	101.2
-57.5°	0.0	4.5	9.5	17.4	25.9	36.0	46.3	57.4	68.9	80.7	93.0
-60°	0.0	4.2	8.4	15.8	23.1	32.4	41.7	52.0	62.6	73.5	84.7
-62.5°	0.0	3.9	7.7	14.1	20.8	28.8	37.4	46.4	56.3	66.1	76.3
-65°	0.0	3.5	7.1	12.3	18.5	25.1	32.9	40.9	49.8	58.7	67.7
-67.5°	0.0	3.2	6.4	10.5	16.2	21.7	28.4	35.7	43.2	51.3	59.3
-70°	0.0	2.9	5.7	8.7	13.8	18.7	23.8	30.4	37.1	43.8	51.0
-72.5°	0.0	2.5	5.0	7.6	11.3	15.7	20.0	25.0	30.9	36.8	42.7
-75°	0.0	2.2	4.3	6.5	8.8	12.6	16.3	20.3	24.7	29.8	34.9
-77.5°	0.0	1.8	3.6	5.4	7.2	9.5	12.6	15.9	19.4	23.1	27.1
-80°	0.0	1.5	2.9	4.4	5.8	7.2	8.8	11.4	14.1	16.9	19.9
-82.5°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.6	8.8	10.8	12.9
-85°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.0	5.7	6.4	7.1
-87.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.9	3.2	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	3.9	4.2	4.5	4.8	5.1	5.4	5.7	5.9	6.2	6.4	6.7
85°	7.7	8.4	9.6	10.9	12.1	13.2	14.3	15.4	16.4	17.4	18.3
82.5°	14.9	16.8	18.7	20.5	22.3	24.0	25.7	27.3	28.8	30.3	31.7
80°	22.6	25.2	27.8	30.2	32.5	34.8	37.0	39.2	41.2	43.4	45.7
77.5°	30.8	34.1	37.1	39.8	42.8	46.4	49.9	53.3	56.5	59.5	62.4
75°	39.3	43.0	47.1	51.2	55.5	59.8	64.0	68.0	72.0	76.0	80.0
72.5°	48.2	53.3	58.2	63.1	68.4	73.7	78.5	82.9	87.8	93.3	98.3
70°	57.6	63.5	69.7	75.9	82.0	87.8	93.8	99.8	105.8	111.7	117.4
67.5°	67.0	74.4	81.7	88.7	95.6	102.6	109.6	116.9	123.9	130.6	137.1
65°	77.1	85.4	93.4	101.3	109.0	117.5	126.0	134.1	142.9	151.1	158.2
62.5°	86.9	96.1	105.1	114.0	123.3	132.8	142.5	152.7	163.3	170.9	177.4
60°	96.3	106.7	116.7	127.0	137.4	148.0	159.2	170.1	179.7	188.0	194.9
57.5°	105.5	117.2	128.3	139.4	150.8	162.9	175.2	186.3	195.2	203.2	210.8
55°	114.4	127.4	139.2	151.0	163.9	178.1	190.7	200.7	209.9	216.5	223.7
52.5°	122.9	136.8	149.1	162.4	177.1	191.9	204.4	214.1	221.8	228.7	235.7
50°	131.0	145.0	158.7	173.7	189.3	204.1	216.8	225.7	233.5	240.6	247.4
47.5°	138.4	152.9	168.3	184.4	200.8	215.4	227.5	236.6	244.6	252.0	259.4
45°	145.3	160.9	177.3	195.0	211.7	226.2	237.2	247.0	254.7	263.0	272.3
42.5°	151.9	168.6	186.4	205.3	222.3	235.5	246.2	255.6	264.5	274.5	284.9
40°	158.5	175.8	195.1	214.9	232.2	243.7	254.4	264.4	274.7	285.9	297.2
37.5°	164.5	183.2	203.2	223.8	239.5	251.5	262.6	273.6	285.2	297.2	311.4
35°	170.1	190.0	211.0	230.9	246.0	259.0	270.9	282.9	295.8	310.6	326.2
32.5°	175.5	196.1	218.2	236.8	251.8	265.7	278.9	292.5	307.2	323.5	341.3
30°	180.9	202.2	224.5	242.9	257.1	271.3	286.7	301.8	318.3	336.3	357.2
27.5°	186.1	207.8	229.8	247.7	261.7	276.2	292.7	311.1	329.0	348.8	373.0
25°	190.8	213.5	235.0	251.5	265.6	280.8	298.0	317.7	338.7	362.3	392.0
22.5°	195.3	218.7	239.9	254.7	269.0	284.9	303.4	324.1	347.1	374.3	410.6
20°	199.5	222.8	243.2	257.7	271.7	288.1	308.0	329.8	356.0	389.1	432.5
17.5°	203.2	226.2	245.5	260.1	274.5	291.5	312.0	334.7	364.1	402.1	453.5
15°	206.3	229.0	247.4	262.0	277.0	294.9	316.0	340.7	373.0	414.9	471.6
12.5°	208.9	231.2	249.1	263.3	278.8	297.4	319.5	346.6	381.9	428.8	496.0
10°	210.9	232.8	250.4	264.2	280.2	299.1	322.2	351.2	389.1	440.4	516.9
7.5°	212.9	234.2	251.3	264.5	280.9	299.9	324.1	354.4	394.3	449.2	533.6
5°	214.3	235.5	251.8	265.3	281.4	300.3	325.4	356.3	397.6	455.0	545.4
2.5°	215.1	236.3	251.9	265.9	281.4	300.4	326.9	357.4	401.2	459.8	552.1
0°	215.4	236.6	251.4	266.1	280.9	299.9	327.4	357.0	403.4	462.6	553.4
-2.5°	215.1	236.3	251.9	265.9	281.4	300.4	326.9	357.4	401.2	459.8	552.1
-5°	214.3	235.5	251.8	265.3	281.4	300.3	325.4	356.3	397.6	455.0	545.4
-7.5°	212.9	234.2	251.3	264.5	280.9	299.9	324.1	354.4	394.3	449.2	533.6
-10°	210.9	232.8	250.4	264.2	280.2	299.1	322.2	351.2	389.1	440.4	516.9
-12.5°	208.9	231.2	249.1	263.3	278.8	297.4	319.5	346.6	381.9	428.8	496.0
-15°	206.3	229.0	247.4	262.0	277.0	294.9	316.0	340.7	373.0	414.9	471.6
-17.5°	203.2	226.2	245.5	260.1	274.5	291.5	312.0	334.7	364.1	402.1	453.5
-20°	199.5	222.8	243.2	257.7	271.7	288.1	308.0	329.8	356.0	389.1	432.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626895 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	195.3	218.7	239.9	254.7	269.0	284.9	303.4	324.1	347.1	374.3	410.6
-25°	190.8	213.5	235.0	251.5	265.6	280.8	298.0	317.7	338.7	362.3	392.0
-27.5°	186.1	207.8	229.8	247.7	261.7	276.2	292.7	311.1	329.0	348.8	373.0
-30°	180.9	202.2	224.5	242.9	257.1	271.3	286.7	301.8	318.3	336.3	357.2
-32.5°	175.5	196.1	218.2	236.8	251.8	265.7	278.9	292.5	307.2	323.5	341.3
-35°	170.1	190.0	211.0	230.9	246.0	259.0	270.9	282.9	295.8	310.6	326.2
-37.5°	164.5	183.2	203.2	223.8	239.5	251.5	262.6	273.6	285.2	297.2	311.4
-40°	158.5	175.8	195.1	214.9	232.2	243.7	254.4	264.4	274.7	285.9	297.2
-42.5°	151.9	168.6	186.4	205.3	222.3	235.5	246.2	255.6	264.5	274.5	284.9
-45°	145.3	160.9	177.3	195.0	211.7	226.2	237.2	247.0	254.7	263.0	272.3
-47.5°	138.4	152.9	168.3	184.4	200.8	215.4	227.5	236.6	244.6	252.0	259.4
-50°	131.0	145.0	158.7	173.7	189.3	204.1	216.8	225.7	233.5	240.6	247.4
-52.5°	122.9	136.8	149.1	162.4	177.1	191.9	204.4	214.1	221.8	228.7	235.7
-55°	114.4	127.4	139.2	151.0	163.9	178.1	190.7	200.7	209.9	216.5	223.7
-57.5°	105.5	117.2	128.3	139.4	150.8	162.9	175.2	186.3	195.2	203.2	210.8
-60°	96.3	106.7	116.7	127.0	137.4	148.0	159.2	170.1	179.7	188.0	194.9
-62.5°	86.9	96.1	105.1	114.0	123.3	132.8	142.5	152.7	163.3	170.9	177.4
-65°	77.1	85.4	93.4	101.3	109.0	117.5	126.0	134.1	142.9	151.1	158.2
-67.5°	67.0	74.4	81.7	88.7	95.6	102.6	109.6	116.9	123.9	130.6	137.1
-70°	57.6	63.5	69.7	75.9	82.0	87.8	93.8	99.8	105.8	111.7	117.4
-72.5°	48.2	53.3	58.2	63.1	68.4	73.7	78.5	82.9	87.8	93.3	98.3
-75°	39.3	43.0	47.1	51.2	55.5	59.8	64.0	68.0	72.0	76.0	80.0
-77.5°	30.8	34.1	37.1	39.8	42.8	46.4	49.9	53.3	56.5	59.5	62.4
-80°	22.6	25.2	27.8	30.2	32.5	34.8	37.0	39.2	41.2	43.4	45.7
-82.5°	14.9	16.8	18.7	20.5	22.3	24.0	25.7	27.3	28.8	30.3	31.7
-85°	7.7	8.4	9.6	10.9	12.1	13.2	14.3	15.4	16.4	17.4	18.3
-87.5°	3.9	4.2	4.5	4.8	5.1	5.4	5.7	5.9	6.2	6.4	6.7
-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: P626895 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-727-U-MR-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°	6.9	7.1	7.3	7.5	7.6	7.8	7.9	8.0	8.1	8.2	8.3
85°	19.2	20.0	20.8	21.5	22.1	22.3	22.3	22.3	22.2	22.5	22.7
82.5°	33.0	34.5	36.0	37.5	39.0	39.5	39.9	40.1	40.3	40.8	41.3
80°	47.9	50.3	52.5	54.5	56.2	57.4	58.5	59.6	60.5	60.9	61.1
77.5°	65.4	68.2	70.9	73.3	75.6	77.4	78.8	80.0	80.9	81.5	81.9
75°	84.0	87.6	90.8	93.8	96.5	98.4	99.7	100.7	101.4	102.1	102.7
72.5°	102.9	106.9	110.7	114.3	117.5	119.7	121.2	122.5	123.4	124.1	124.5
70°	122.7	127.6	131.8	135.4	138.2	140.4	142.0	143.3	144.4	145.1	145.4
67.5°	143.3	148.5	152.4	155.5	158.1	160.3	162.4	163.9	165.0	166.0	167.0
65°	164.2	169.5	173.5	176.8	179.5	182.4	185.1	187.0	188.4	189.5	190.8
62.5°	183.9	189.9	194.5	198.9	203.3	207.5	209.9	211.7	213.0	214.2	215.6
60°	201.7	208.6	214.3	219.5	224.9	230.3	232.5	234.3	235.9	237.5	238.9
57.5°	217.6	224.9	231.8	237.0	242.1	247.2	250.7	252.6	253.9	254.6	255.2
55°	231.4	238.7	245.6	251.6	257.2	262.3	266.2	268.1	269.5	270.4	270.9
52.5°	243.8	251.5	258.9	265.6	271.6	277.2	282.1	284.6	286.7	288.2	288.7
50°	256.0	264.4	272.3	279.5	286.5	293.2	299.3	302.9	305.4	307.0	307.5
47.5°	268.7	277.8	286.4	294.7	302.6	310.6	317.9	322.8	326.4	329.0	331.0
45°	281.9	291.7	301.2	311.0	320.2	330.4	339.6	346.7	352.0	356.5	360.1
42.5°	295.2	306.2	317.2	329.8	342.3	353.9	364.9	374.3	382.9	391.3	397.8
40°	309.6	321.7	336.7	351.6	367.0	380.6	396.6	411.0	424.2	438.5	450.2
37.5°	325.4	340.9	358.7	376.6	396.6	416.1	438.5	460.6	479.9	504.8	524.8
35°	342.7	362.3	383.3	407.2	433.1	463.7	495.1	531.9	563.1	602.8	639.4
32.5°	361.9	384.9	412.2	445.1	480.1	529.1	575.0	637.4	690.8	759.6	834.8
30°	381.4	411.2	448.3	490.8	549.9	619.4	700.5	806.1	920.2	1038.3	1197.2
27.5°	404.5	443.2	489.6	555.2	643.6	739.9	905.1	1083.5	1332.1	1528.9	1879.4
25°	429.4	477.3	545.8	640.9	763.0	957.9	1236.9	1559.9	2057.3	2499.7	3008.2
22.5°	458.9	524.0	614.6	739.2	952.0	1287.4	1722.8	2386.2	3123.5	3851.3	4516.5
20°	490.2	568.8	695.5	898.4	1227.4	1712.2	2489.1	3437.0	4415.9	5413.3	6253.9
17.5°	526.6	633.4	800.3	1069.9	1539.1	2369.3	3406.9	4612.2	5891.1	7163.9	8269.5
15°	557.9	689.9	914.7	1318.4	2018.2	3056.6	4331.9	5854.1	7462.4	9114.2	10904.3
12.5°	597.9	758.0	1032.5	1523.9	2443.2	3792.9	5353.3	7120.7	9084.6	11277.8	14068.6
10°	634.6	829.4	1187.4	1853.2	2954.1	4480.7	6235.6	8240.7	10788.2	14083.9	17450.3
7.5°	664.0	886.0	1307.6	2110.0	3382.6	5068.2	7030.1	9434.1	12612.2	16536.7	20383.1
5°	684.5	925.3	1393.6	2304.1	3727.3	5517.3	7593.9	10313.8	14149.7	18544.4	22471.8
2.5°	697.3	946.8	1435.6	2419.4	3952.1	5787.5	7945.6	10872.8	15092.0	19822.4	23798.8
0°	703.4	950.5	1408.8	2475.5	3983.6	5768.4	7977.8	11059.5	15315.6	20169.5	24129.9
-2.5°	697.3	946.8	1435.6	2419.4	3952.1	5787.5	7945.6	10872.8	15092.0	19822.4	23798.8
-5°	684.5	925.3	1393.6	2304.1	3727.3	5517.3	7593.9	10313.8	14149.7	18544.4	22471.8
-7.5°	664.0	886.0	1307.6	2110.0	3382.6	5068.2	7030.1	9434.1	12612.2	16536.7	20383.1
-10°	634.6	829.4	1187.4	1853.2	2954.1	4480.7	6235.6	8240.7	10788.2	14083.9	17450.3
-12.5°	597.9	758.0	1032.5	1523.9	2443.2	3792.9	5353.3	7120.7	9084.6	11277.8	14068.6
-15°	557.9	689.9	914.7	1318.4	2018.2	3056.6	4331.9	5854.1	7462.4	9114.2	10904.3
-17.5°	526.6	633.4	800.3	1069.9	1539.1	2369.3	3406.9	4612.2	5891.1	7163.9	8269.5
-20°	490.2	568.8	695.5	898.4	1227.4	1712.2	2489.1	3437.0	4415.9	5413.3	6253.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626895 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	458.9	524.0	614.6	739.2	952.0	1287.4	1722.8	2386.2	3123.5	3851.3	4516.5
-25°	429.4	477.3	545.8	640.9	763.0	957.9	1236.9	1559.9	2057.3	2499.7	3008.2
-27.5°	404.5	443.2	489.6	555.2	643.6	739.9	905.1	1083.5	1332.1	1528.9	1879.4
-30°	381.4	411.2	448.3	490.8	549.9	619.4	700.5	806.1	920.2	1038.3	1197.2
-32.5°	361.9	384.9	412.2	445.1	480.1	529.1	575.0	637.4	690.8	759.6	834.8
-35°	342.7	362.3	383.3	407.2	433.1	463.7	495.1	531.9	563.1	602.8	639.4
-37.5°	325.4	340.9	358.7	376.6	396.6	416.1	438.5	460.6	479.9	504.8	524.8
-40°	309.6	321.7	336.7	351.6	367.0	380.6	396.6	411.0	424.2	438.5	450.2
-42.5°	295.2	306.2	317.2	329.8	342.3	353.9	364.9	374.3	382.9	391.3	397.8
-45°	281.9	291.7	301.2	311.0	320.2	330.4	339.6	346.7	352.0	356.5	360.1
-47.5°	268.7	277.8	286.4	294.7	302.6	310.6	317.9	322.8	326.4	329.0	331.0
-50°	256.0	264.4	272.3	279.5	286.5	293.2	299.3	302.9	305.4	307.0	307.5
-52.5°	243.8	251.5	258.9	265.6	271.6	277.2	282.1	284.6	286.7	288.2	288.7
-55°	231.4	238.7	245.6	251.6	257.2	262.3	266.2	268.1	269.5	270.4	270.9
-57.5°	217.6	224.9	231.8	237.0	242.1	247.2	250.7	252.6	253.9	254.6	255.2
-60°	201.7	208.6	214.3	219.5	224.9	230.3	232.5	234.3	235.9	237.5	238.9
-62.5°	183.9	189.9	194.5	198.9	203.3	207.5	209.9	211.7	213.0	214.2	215.6
-65°	164.2	169.5	173.5	176.8	179.5	182.4	185.1	187.0	188.4	189.5	190.8
-67.5°	143.3	148.5	152.4	155.5	158.1	160.3	162.4	163.9	165.0	166.0	167.0
-70°	122.7	127.6	131.8	135.4	138.2	140.4	142.0	143.3	144.4	145.1	145.4
-72.5°	102.9	106.9	110.7	114.3	117.5	119.7	121.2	122.5	123.4	124.1	124.5
-75°	84.0	87.6	90.8	93.8	96.5	98.4	99.7	100.7	101.4	102.1	102.7
-77.5°	65.4	68.2	70.9	73.3	75.6	77.4	78.8	80.0	80.9	81.5	81.9
-80°	47.9	50.3	52.5	54.5	56.2	57.4	58.5	59.6	60.5	60.9	61.1
-82.5°	33.0	34.5	36.0	37.5	39.0	39.5	39.9	40.1	40.3	40.8	41.3
-85°	19.2	20.0	20.8	21.5	22.1	22.3	22.3	22.3	22.2	22.5	22.7
-87.5°	6.9	7.1	7.3	7.5	7.6	7.8	7.9	8.0	8.1	8.2	8.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626895 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-727-U-MR-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°	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.3	8.2	8.1	8.0
85°	22.9	23.1	23.2	23.2	23.2	23.1	22.9	22.7	22.5	22.2	22.3
82.5°	41.7	42.0	42.1	42.2	42.1	42.0	41.7	41.3	40.8	40.3	40.1
80°	61.2	61.0	61.2	61.3	61.2	61.0	61.2	61.1	60.9	60.5	59.6
77.5°	82.0	82.0	82.3	82.4	82.3	82.0	82.0	81.9	81.5	80.9	80.0
75°	103.0	103.0	103.4	103.5	103.4	103.0	103.0	102.7	102.1	101.4	100.7
72.5°	124.5	124.1	124.5	124.6	124.5	124.1	124.5	124.5	124.1	123.4	122.5
70°	145.5	145.2	146.6	147.9	146.6	145.2	145.5	145.4	145.1	144.4	143.3
67.5°	167.8	168.2	169.8	171.1	169.8	168.2	167.8	167.0	166.0	165.0	163.9
65°	191.4	191.5	192.9	194.3	192.9	191.5	191.4	190.8	189.5	188.4	187.0
62.5°	216.5	216.7	218.2	219.7	218.2	216.7	216.5	215.6	214.2	213.0	211.7
60°	239.7	240.0	240.5	240.8	240.5	240.0	239.7	238.9	237.5	235.9	234.3
57.5°	255.4	255.2	255.4	255.6	255.4	255.2	255.4	255.2	254.6	253.9	252.6
55°	270.9	270.2	269.4	268.3	269.4	270.2	270.9	270.9	270.4	269.5	268.1
52.5°	288.3	287.2	286.2	285.1	286.2	287.2	288.3	288.7	288.2	286.7	284.6
50°	307.2	306.2	305.2	304.2	305.2	306.2	307.2	307.5	307.0	305.4	302.9
47.5°	332.3	332.7	332.5	331.6	332.5	332.7	332.3	331.0	329.0	326.4	322.8
45°	362.7	363.9	364.1	363.3	364.1	363.9	362.7	360.1	356.5	352.0	346.7
42.5°	402.5	405.2	406.7	407.7	406.7	405.2	402.5	397.8	391.3	382.9	374.3
40°	458.8	464.3	467.8	471.0	467.8	464.3	458.8	450.2	438.5	424.2	411.0
37.5°	539.7	549.6	554.0	551.3	554.0	549.6	539.7	524.8	504.8	479.9	460.6
35°	667.6	686.5	696.3	697.0	696.3	686.5	667.6	639.4	602.8	563.1	531.9
32.5°	890.4	928.9	949.6	952.6	949.6	928.9	890.4	834.8	759.6	690.8	637.4
30°	1318.9	1397.6	1434.5	1425.7	1434.5	1397.6	1318.9	1197.2	1038.3	920.2	806.1
27.5°	2151.9	2347.9	2464.2	2473.4	2464.2	2347.9	2151.9	1879.4	1528.9	1332.1	1083.5
25°	3458.6	3793.3	4007.6	4011.1	4007.6	3793.3	3458.6	3008.2	2499.7	2057.3	1559.9
22.5°	5131.6	5588.5	5838.8	5882.5	5838.8	5588.5	5131.6	4516.5	3851.3	3123.5	2386.2
20°	7069.9	7677.6	8002.8	8003.2	8002.8	7677.6	7069.9	6253.9	5413.3	4415.9	3437.0
17.5°	9456.9	10443.7	11063.2	11329.9	11063.2	10443.7	9456.9	8269.5	7163.9	5891.1	4612.2
15°	12628.1	14286.5	15280.2	15459.3	15280.2	14286.5	12628.1	10904.3	9114.2	7462.4	5854.1
12.5°	16489.5	18588.1	19998.9	20515.9	19998.9	18588.1	16489.5	14068.6	11277.8	9084.6	7120.7
10°	20521.0	22465.5	23976.9	24484.7	23976.9	22465.5	20521.0	17450.3	14083.9	10788.2	8240.7
7.5°	23433.5	25752.3	27454.6	28202.2	27454.6	25752.3	23433.5	20383.1	16536.7	12612.2	9434.1
5°	25732.6	28476.3	30061.0	30764.4	30061.0	28476.3	25732.6	22471.8	18544.4	14149.7	10313.8
2.5°	27241.1	29952.1	31630.3	32278.8	31630.3	29952.1	27241.1	23798.8	19822.4	15092.0	10872.8
0°	27805.1	30456.0	32114.1	32906.1	32114.1	30456.0	27805.1	24129.9	20169.5	15315.6	11059.5
-2.5°	27241.1	29952.1	31630.3	32278.8	31630.3	29952.1	27241.1	23798.8	19822.4	15092.0	10872.8
-5°	25732.6	28476.3	30061.0	30764.4	30061.0	28476.3	25732.6	22471.8	18544.4	14149.7	10313.8
-7.5°	23433.5	25752.3	27454.6	28202.2	27454.6	25752.3	23433.5	20383.1	16536.7	12612.2	9434.1
-10°	20521.0	22465.5	23976.9	24484.7	23976.9	22465.5	20521.0	17450.3	14083.9	10788.2	8240.7
-12.5°	16489.5	18588.1	19998.9	20515.9	19998.9	18588.1	16489.5	14068.6	11277.8	9084.6	7120.7
-15°	12628.1	14286.5	15280.2	15459.3	15280.2	14286.5	12628.1	10904.3	9114.2	7462.4	5854.1
-17.5°	9456.9	10443.7	11063.2	11329.9	11063.2	10443.7	9456.9	8269.5	7163.9	5891.1	4612.2
-20°	7069.9	7677.6	8002.8	8003.2	8002.8	7677.6	7069.9	6253.9	5413.3	4415.9	3437.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626895 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5131.6	5588.5	5838.8	5882.5	5838.8	5588.5	5131.6	4516.5	3851.3	3123.5	2386.2
-25°	3458.6	3793.3	4007.6	4011.1	4007.6	3793.3	3458.6	3008.2	2499.7	2057.3	1559.9
-27.5°	2151.9	2347.9	2464.2	2473.4	2464.2	2347.9	2151.9	1879.4	1528.9	1332.1	1083.5
-30°	1318.9	1397.6	1434.5	1425.7	1434.5	1397.6	1318.9	1197.2	1038.3	920.2	806.1
-32.5°	890.4	928.9	949.6	952.6	949.6	928.9	890.4	834.8	759.6	690.8	637.4
-35°	667.6	686.5	696.3	697.0	696.3	686.5	667.6	639.4	602.8	563.1	531.9
-37.5°	539.7	549.6	554.0	551.3	554.0	549.6	539.7	524.8	504.8	479.9	460.6
-40°	458.8	464.3	467.8	471.0	467.8	464.3	458.8	450.2	438.5	424.2	411.0
-42.5°	402.5	405.2	406.7	407.7	406.7	405.2	402.5	397.8	391.3	382.9	374.3
-45°	362.7	363.9	364.1	363.3	364.1	363.9	362.7	360.1	356.5	352.0	346.7
-47.5°	332.3	332.7	332.5	331.6	332.5	332.7	332.3	331.0	329.0	326.4	322.8
-50°	307.2	306.2	305.2	304.2	305.2	306.2	307.2	307.5	307.0	305.4	302.9
-52.5°	288.3	287.2	286.2	285.1	286.2	287.2	288.3	288.7	288.2	286.7	284.6
-55°	270.9	270.2	269.4	268.3	269.4	270.2	270.9	270.9	270.4	269.5	268.1
-57.5°	255.4	255.2	255.4	255.6	255.4	255.2	255.4	255.2	254.6	253.9	252.6
-60°	239.7	240.0	240.5	240.8	240.5	240.0	239.7	238.9	237.5	235.9	234.3
-62.5°	216.5	216.7	218.2	219.7	218.2	216.7	216.5	215.6	214.2	213.0	211.7
-65°	191.4	191.5	192.9	194.3	192.9	191.5	191.4	190.8	189.5	188.4	187.0
-67.5°	167.8	168.2	169.8	171.1	169.8	168.2	167.8	167.0	166.0	165.0	163.9
-70°	145.5	145.2	146.6	147.9	146.6	145.2	145.5	145.4	145.1	144.4	143.3
-72.5°	124.5	124.1	124.5	124.6	124.5	124.1	124.5	124.5	124.1	123.4	122.5
-75°	103.0	103.0	103.4	103.5	103.4	103.0	103.0	102.7	102.1	101.4	100.7
-77.5°	82.0	82.0	82.3	82.4	82.3	82.0	82.0	81.9	81.5	80.9	80.0
-80°	61.2	61.0	61.2	61.3	61.2	61.0	61.2	61.1	60.9	60.5	59.6
-82.5°	41.7	42.0	42.1	42.2	42.1	42.0	41.7	41.3	40.8	40.3	40.1
-85°	22.9	23.1	23.2	23.2	23.2	23.1	22.9	22.7	22.5	22.2	22.3
-87.5°	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.3	8.2	8.1	8.0
-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: P626895 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-727-U-MR-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°	7.9	7.8	7.6	7.5	7.3	7.1	6.9	6.7	6.4	6.2	5.9
85°	22.3	22.3	22.1	21.5	20.8	20.0	19.2	18.3	17.4	16.4	15.4
82.5°	39.9	39.5	39.0	37.5	36.0	34.5	33.0	31.7	30.3	28.8	27.3
80°	58.5	57.4	56.2	54.5	52.5	50.3	47.9	45.7	43.4	41.2	39.2
77.5°	78.8	77.4	75.6	73.3	70.9	68.2	65.4	62.4	59.5	56.5	53.3
75°	99.7	98.4	96.5	93.8	90.8	87.6	84.0	80.0	76.0	72.0	68.0
72.5°	121.2	119.7	117.5	114.3	110.7	106.9	102.9	98.3	93.3	87.8	82.9
70°	142.0	140.4	138.2	135.4	131.8	127.6	122.7	117.4	111.7	105.8	99.8
67.5°	162.4	160.3	158.1	155.5	152.4	148.5	143.3	137.1	130.6	123.9	116.9
65°	185.1	182.4	179.5	176.8	173.5	169.5	164.2	158.2	151.1	142.9	134.1
62.5°	209.9	207.5	203.3	198.9	194.5	189.9	183.9	177.4	170.9	163.3	152.7
60°	232.5	230.3	224.9	219.5	214.3	208.6	201.7	194.9	188.0	179.7	170.1
57.5°	250.7	247.2	242.1	237.0	231.8	224.9	217.6	210.8	203.2	195.2	186.3
55°	266.2	262.3	257.2	251.6	245.6	238.7	231.4	223.7	216.5	209.9	200.7
52.5°	282.1	277.2	271.6	265.6	258.9	251.5	243.8	235.7	228.7	221.8	214.1
50°	299.3	293.2	286.5	279.5	272.3	264.4	256.0	247.4	240.6	233.5	225.7
47.5°	317.9	310.6	302.6	294.7	286.4	277.8	268.7	259.4	252.0	244.6	236.6
45°	339.6	330.4	320.2	311.0	301.2	291.7	281.9	272.3	263.0	254.7	247.0
42.5°	364.9	353.9	342.3	329.8	317.2	306.2	295.2	284.9	274.5	264.5	255.6
40°	396.6	380.6	367.0	351.6	336.7	321.7	309.6	297.2	285.9	274.7	264.4
37.5°	438.5	416.1	396.6	376.6	358.7	340.9	325.4	311.4	297.2	285.2	273.6
35°	495.1	463.7	433.1	407.2	383.3	362.3	342.7	326.2	310.6	295.8	282.9
32.5°	575.0	529.1	480.1	445.1	412.2	384.9	361.9	341.3	323.5	307.2	292.5
30°	700.5	619.4	549.9	490.8	448.3	411.2	381.4	357.2	336.3	318.3	301.8
27.5°	905.1	739.9	643.6	555.2	489.6	443.2	404.5	373.0	348.8	329.0	311.1
25°	1236.9	957.9	763.0	640.9	545.8	477.3	429.4	392.0	362.3	338.7	317.7
22.5°	1722.8	1287.4	952.0	739.2	614.6	524.0	458.9	410.6	374.3	347.1	324.1
20°	2489.1	1712.2	1227.4	898.4	695.5	568.8	490.2	432.5	389.1	356.0	329.8
17.5°	3406.9	2369.3	1539.1	1069.9	800.3	633.4	526.6	453.5	402.1	364.1	334.7
15°	4331.9	3056.6	2018.2	1318.4	914.7	689.9	557.9	471.6	414.9	373.0	340.7
12.5°	5353.3	3792.9	2443.2	1523.9	1032.5	758.0	597.9	496.0	428.8	381.9	346.6
10°	6235.6	4480.7	2954.1	1853.2	1187.4	829.4	634.6	516.9	440.4	389.1	351.2
7.5°	7030.1	5068.2	3382.6	2110.0	1307.6	886.0	664.0	533.6	449.2	394.3	354.4
5°	7593.9	5517.3	3727.3	2304.1	1393.6	925.3	684.5	545.4	455.0	397.6	356.3
2.5°	7945.6	5787.5	3952.1	2419.4	1435.6	946.8	697.3	552.1	459.8	401.2	357.4
0°	7977.8	5768.4	3983.6	2475.5	1408.8	950.5	703.4	553.4	462.6	403.4	357.0
-2.5°	7945.6	5787.5	3952.1	2419.4	1435.6	946.8	697.3	552.1	459.8	401.2	357.4
-5°	7593.9	5517.3	3727.3	2304.1	1393.6	925.3	684.5	545.4	455.0	397.6	356.3
-7.5°	7030.1	5068.2	3382.6	2110.0	1307.6	886.0	664.0	533.6	449.2	394.3	354.4
-10°	6235.6	4480.7	2954.1	1853.2	1187.4	829.4	634.6	516.9	440.4	389.1	351.2
-12.5°	5353.3	3792.9	2443.2	1523.9	1032.5	758.0	597.9	496.0	428.8	381.9	346.6
-15°	4331.9	3056.6	2018.2	1318.4	914.7	689.9	557.9	471.6	414.9	373.0	340.7
-17.5°	3406.9	2369.3	1539.1	1069.9	800.3	633.4	526.6	453.5	402.1	364.1	334.7
-20°	2489.1	1712.2	1227.4	898.4	695.5	568.8	490.2	432.5	389.1	356.0	329.8



Classified

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

Scaled Data Report



REPORT NUMBER: P626895 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1722.8	1287.4	952.0	739.2	614.6	524.0	458.9	410.6	374.3	347.1	324.1
-25°	1236.9	957.9	763.0	640.9	545.8	477.3	429.4	392.0	362.3	338.7	317.7
-27.5°	905.1	739.9	643.6	555.2	489.6	443.2	404.5	373.0	348.8	329.0	311.1
-30°	700.5	619.4	549.9	490.8	448.3	411.2	381.4	357.2	336.3	318.3	301.8
-32.5°	575.0	529.1	480.1	445.1	412.2	384.9	361.9	341.3	323.5	307.2	292.5
-35°	495.1	463.7	433.1	407.2	383.3	362.3	342.7	326.2	310.6	295.8	282.9
-37.5°	438.5	416.1	396.6	376.6	358.7	340.9	325.4	311.4	297.2	285.2	273.6
-40°	396.6	380.6	367.0	351.6	336.7	321.7	309.6	297.2	285.9	274.7	264.4
-42.5°	364.9	353.9	342.3	329.8	317.2	306.2	295.2	284.9	274.5	264.5	255.6
-45°	339.6	330.4	320.2	311.0	301.2	291.7	281.9	272.3	263.0	254.7	247.0
-47.5°	317.9	310.6	302.6	294.7	286.4	277.8	268.7	259.4	252.0	244.6	236.6
-50°	299.3	293.2	286.5	279.5	272.3	264.4	256.0	247.4	240.6	233.5	225.7
-52.5°	282.1	277.2	271.6	265.6	258.9	251.5	243.8	235.7	228.7	221.8	214.1
-55°	266.2	262.3	257.2	251.6	245.6	238.7	231.4	223.7	216.5	209.9	200.7
-57.5°	250.7	247.2	242.1	237.0	231.8	224.9	217.6	210.8	203.2	195.2	186.3
-60°	232.5	230.3	224.9	219.5	214.3	208.6	201.7	194.9	188.0	179.7	170.1
-62.5°	209.9	207.5	203.3	198.9	194.5	189.9	183.9	177.4	170.9	163.3	152.7
-65°	185.1	182.4	179.5	176.8	173.5	169.5	164.2	158.2	151.1	142.9	134.1
-67.5°	162.4	160.3	158.1	155.5	152.4	148.5	143.3	137.1	130.6	123.9	116.9
-70°	142.0	140.4	138.2	135.4	131.8	127.6	122.7	117.4	111.7	105.8	99.8
-72.5°	121.2	119.7	117.5	114.3	110.7	106.9	102.9	98.3	93.3	87.8	82.9
-75°	99.7	98.4	96.5	93.8	90.8	87.6	84.0	80.0	76.0	72.0	68.0
-77.5°	78.8	77.4	75.6	73.3	70.9	68.2	65.4	62.4	59.5	56.5	53.3
-80°	58.5	57.4	56.2	54.5	52.5	50.3	47.9	45.7	43.4	41.2	39.2
-82.5°	39.9	39.5	39.0	37.5	36.0	34.5	33.0	31.7	30.3	28.8	27.3
-85°	22.3	22.3	22.1	21.5	20.8	20.0	19.2	18.3	17.4	16.4	15.4
-87.5°	7.9	7.8	7.6	7.5	7.3	7.1	6.9	6.7	6.4	6.2	5.9
-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: P626895 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-727-U-MR-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°	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.5	3.2	2.9	2.5
85°	14.3	13.2	12.1	10.9	9.6	8.4	7.7	7.1	6.4	5.7	5.0
82.5°	25.7	24.0	22.3	20.5	18.7	16.8	14.9	12.9	10.8	8.8	7.6
80°	37.0	34.8	32.5	30.2	27.8	25.2	22.6	19.9	16.9	14.1	11.4
77.5°	49.9	46.4	42.8	39.8	37.1	34.1	30.8	27.1	23.1	19.4	15.9
75°	64.0	59.8	55.5	51.2	47.1	43.0	39.3	34.9	29.8	24.7	20.3
72.5°	78.5	73.7	68.4	63.1	58.2	53.3	48.2	42.7	36.8	30.9	25.0
70°	93.8	87.8	82.0	75.9	69.7	63.5	57.6	51.0	43.8	37.1	30.4
67.5°	109.6	102.6	95.6	88.7	81.7	74.4	67.0	59.3	51.3	43.2	35.7
65°	126.0	117.5	109.0	101.3	93.4	85.4	77.1	67.7	58.7	49.8	40.9
62.5°	142.5	132.8	123.3	114.0	105.1	96.1	86.9	76.3	66.1	56.3	46.4
60°	159.2	148.0	137.4	127.0	116.7	106.7	96.3	84.7	73.5	62.6	52.0
57.5°	175.2	162.9	150.8	139.4	128.3	117.2	105.5	93.0	80.7	68.9	57.4
55°	190.7	178.1	163.9	151.0	139.2	127.4	114.4	101.2	87.7	75.0	62.7
52.5°	204.4	191.9	177.1	162.4	149.1	136.8	122.9	109.1	94.9	80.8	67.8
50°	216.8	204.1	189.3	173.7	158.7	145.0	131.0	116.4	101.7	86.6	72.8
47.5°	227.5	215.4	200.8	184.4	168.3	152.9	138.4	123.3	108.4	92.5	77.5
45°	237.2	226.2	211.7	195.0	177.3	160.9	145.3	129.9	114.2	98.2	82.1
42.5°	246.2	235.5	222.3	205.3	186.4	168.6	151.9	135.9	119.8	103.6	86.7
40°	254.4	243.7	232.2	214.9	195.1	175.8	158.5	141.7	124.9	108.5	91.1
37.5°	262.6	251.5	239.5	223.8	203.2	183.2	164.5	147.1	129.9	112.9	95.3
35°	270.9	259.0	246.0	230.9	211.0	190.0	170.1	152.1	134.6	117.1	99.1
32.5°	278.9	265.7	251.8	236.8	218.2	196.1	175.5	157.0	139.0	120.9	102.7
30°	286.7	271.3	257.1	242.9	224.5	202.2	180.9	161.6	143.1	124.5	106.0
27.5°	292.7	276.2	261.7	247.7	229.8	207.8	186.1	165.8	146.9	127.9	108.8
25°	298.0	280.8	265.6	251.5	235.0	213.5	190.8	169.7	150.3	130.9	111.5
22.5°	303.4	284.9	269.0	254.7	239.9	218.7	195.3	173.5	153.4	133.6	113.8
20°	308.0	288.1	271.7	257.7	243.2	222.8	199.5	176.9	156.1	136.0	115.9
17.5°	312.0	291.5	274.5	260.1	245.5	226.2	203.2	179.9	158.5	138.1	117.7
15°	316.0	294.9	277.0	262.0	247.4	229.0	206.3	182.5	160.5	139.9	119.4
12.5°	319.5	297.4	278.8	263.3	249.1	231.2	208.9	184.6	162.2	141.5	121.0
10°	322.2	299.1	280.2	264.2	250.4	232.8	210.9	186.5	164.2	143.0	122.3
7.5°	324.1	299.9	280.9	264.5	251.3	234.2	212.9	188.6	165.9	144.2	123.3
5°	325.4	300.3	281.4	265.3	251.8	235.5	214.3	190.3	167.3	145.0	124.0
2.5°	326.9	300.4	281.4	265.9	251.9	236.3	215.1	191.5	168.4	145.5	124.5
0°	327.4	299.9	280.9	266.1	251.4	236.6	215.4	192.2	169.0	145.7	124.6
-2.5°	326.9	300.4	281.4	265.9	251.9	236.3	215.1	191.5	168.4	145.5	124.5
-5°	325.4	300.3	281.4	265.3	251.8	235.5	214.3	190.3	167.3	145.0	124.0
-7.5°	324.1	299.9	280.9	264.5	251.3	234.2	212.9	188.6	165.9	144.2	123.3
-10°	322.2	299.1	280.2	264.2	250.4	232.8	210.9	186.5	164.2	143.0	122.3
-12.5°	319.5	297.4	278.8	263.3	249.1	231.2	208.9	184.6	162.2	141.5	121.0
-15°	316.0	294.9	277.0	262.0	247.4	229.0	206.3	182.5	160.5	139.9	119.4
-17.5°	312.0	291.5	274.5	260.1	245.5	226.2	203.2	179.9	158.5	138.1	117.7
-20°	308.0	288.1	271.7	257.7	243.2	222.8	199.5	176.9	156.1	136.0	115.9

Classified

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1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626895 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	303.4	284.9	269.0	254.7	239.9	218.7	195.3	173.5	153.4	133.6	113.8
-25°	298.0	280.8	265.6	251.5	235.0	213.5	190.8	169.7	150.3	130.9	111.5
-27.5°	292.7	276.2	261.7	247.7	229.8	207.8	186.1	165.8	146.9	127.9	108.8
-30°	286.7	271.3	257.1	242.9	224.5	202.2	180.9	161.6	143.1	124.5	106.0
-32.5°	278.9	265.7	251.8	236.8	218.2	196.1	175.5	157.0	139.0	120.9	102.7
-35°	270.9	259.0	246.0	230.9	211.0	190.0	170.1	152.1	134.6	117.1	99.1
-37.5°	262.6	251.5	239.5	223.8	203.2	183.2	164.5	147.1	129.9	112.9	95.3
-40°	254.4	243.7	232.2	214.9	195.1	175.8	158.5	141.7	124.9	108.5	91.1
-42.5°	246.2	235.5	222.3	205.3	186.4	168.6	151.9	135.9	119.8	103.6	86.7
-45°	237.2	226.2	211.7	195.0	177.3	160.9	145.3	129.9	114.2	98.2	82.1
-47.5°	227.5	215.4	200.8	184.4	168.3	152.9	138.4	123.3	108.4	92.5	77.5
-50°	216.8	204.1	189.3	173.7	158.7	145.0	131.0	116.4	101.7	86.6	72.8
-52.5°	204.4	191.9	177.1	162.4	149.1	136.8	122.9	109.1	94.9	80.8	67.8
-55°	190.7	178.1	163.9	151.0	139.2	127.4	114.4	101.2	87.7	75.0	62.7
-57.5°	175.2	162.9	150.8	139.4	128.3	117.2	105.5	93.0	80.7	68.9	57.4
-60°	159.2	148.0	137.4	127.0	116.7	106.7	96.3	84.7	73.5	62.6	52.0
-62.5°	142.5	132.8	123.3	114.0	105.1	96.1	86.9	76.3	66.1	56.3	46.4
-65°	126.0	117.5	109.0	101.3	93.4	85.4	77.1	67.7	58.7	49.8	40.9
-67.5°	109.6	102.6	95.6	88.7	81.7	74.4	67.0	59.3	51.3	43.2	35.7
-70°	93.8	87.8	82.0	75.9	69.7	63.5	57.6	51.0	43.8	37.1	30.4
-72.5°	78.5	73.7	68.4	63.1	58.2	53.3	48.2	42.7	36.8	30.9	25.0
-75°	64.0	59.8	55.5	51.2	47.1	43.0	39.3	34.9	29.8	24.7	20.3
-77.5°	49.9	46.4	42.8	39.8	37.1	34.1	30.8	27.1	23.1	19.4	15.9
-80°	37.0	34.8	32.5	30.2	27.8	25.2	22.6	19.9	16.9	14.1	11.4
-82.5°	25.7	24.0	22.3	20.5	18.7	16.8	14.9	12.9	10.8	8.8	7.6
-85°	14.3	13.2	12.1	10.9	9.6	8.4	7.7	7.1	6.4	5.7	5.0
-87.5°	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.5	3.2	2.9	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Peachtree City, GA 30269

Scaled Data Report



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CATALOG NUMBER: GFLD-SA2C-727-U-MR-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°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
85°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
82.5°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
80°	8.8	7.2	5.8	4.4	2.9	1.5	0.0
77.5°	12.6	9.5	7.2	5.4	3.6	1.8	0.0
75°	16.3	12.6	8.8	6.5	4.3	2.2	0.0
72.5°	20.0	15.7	11.3	7.6	5.0	2.5	0.0
70°	23.8	18.7	13.8	8.7	5.7	2.9	0.0
67.5°	28.4	21.7	16.2	10.5	6.4	3.2	0.0
65°	32.9	25.1	18.5	12.3	7.1	3.5	0.0
62.5°	37.4	28.8	20.8	14.1	7.7	3.9	0.0
60°	41.7	32.4	23.1	15.8	8.4	4.2	0.0
57.5°	46.3	36.0	25.9	17.4	9.5	4.5	0.0
55°	50.8	39.4	28.6	19.0	10.6	4.8	0.0
52.5°	55.1	42.8	31.3	20.6	11.6	5.1	0.0
50°	59.2	46.2	33.9	22.1	12.6	5.4	0.0
47.5°	63.2	49.5	36.4	23.6	13.6	5.7	0.0
45°	67.1	52.6	38.8	25.4	14.5	5.9	0.0
42.5°	70.9	55.5	41.1	27.2	15.4	6.2	0.0
40°	74.4	58.3	43.3	28.8	16.3	6.4	0.0
37.5°	77.8	61.0	45.4	30.3	17.1	6.7	0.0
35°	81.0	63.6	47.4	31.7	17.8	6.9	0.0
32.5°	84.0	66.0	49.3	33.0	18.6	7.1	0.0
30°	86.9	68.4	51.0	34.2	19.2	7.3	0.0
27.5°	89.5	70.5	52.5	35.3	19.8	7.5	0.0
25°	91.8	72.5	54.0	36.3	20.4	7.6	0.0
22.5°	93.9	74.2	55.3	37.2	20.9	7.8	0.0
20°	95.8	75.8	56.5	37.9	21.4	7.9	0.0
17.5°	97.5	77.1	57.6	38.6	21.8	8.0	0.0
15°	99.0	78.2	58.5	39.1	22.2	8.1	0.0
12.5°	100.3	79.0	59.4	39.5	22.5	8.2	0.0
10°	101.4	79.7	60.0	39.9	22.7	8.3	0.0
7.5°	102.3	80.1	60.6	40.1	22.9	8.3	0.0
5°	103.0	80.4	61.0	40.2	23.1	8.4	0.0
2.5°	103.4	80.4	61.2	40.2	23.2	8.4	0.0
0°	103.5	80.3	61.3	40.1	23.2	8.4	0.0
-2.5°	103.4	80.4	61.2	40.2	23.2	8.4	0.0
-5°	103.0	80.4	61.0	40.2	23.1	8.4	0.0
-7.5°	102.3	80.1	60.6	40.1	22.9	8.3	0.0
-10°	101.4	79.7	60.0	39.9	22.7	8.3	0.0
-12.5°	100.3	79.0	59.4	39.5	22.5	8.2	0.0
-15°	99.0	78.2	58.5	39.1	22.2	8.1	0.0
-17.5°	97.5	77.1	57.6	38.6	21.8	8.0	0.0
-20°	95.8	75.8	56.5	37.9	21.4	7.9	0.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2C-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	93.9	74.2	55.3	37.2	20.9	7.8	0.0
-25°	91.8	72.5	54.0	36.3	20.4	7.6	0.0
-27.5°	89.5	70.5	52.5	35.3	19.8	7.5	0.0
-30°	86.9	68.4	51.0	34.2	19.2	7.3	0.0
-32.5°	84.0	66.0	49.3	33.0	18.6	7.1	0.0
-35°	81.0	63.6	47.4	31.7	17.8	6.9	0.0
-37.5°	77.8	61.0	45.4	30.3	17.1	6.7	0.0
-40°	74.4	58.3	43.3	28.8	16.3	6.4	0.0
-42.5°	70.9	55.5	41.1	27.2	15.4	6.2	0.0
-45°	67.1	52.6	38.8	25.4	14.5	5.9	0.0
-47.5°	63.2	49.5	36.4	23.6	13.6	5.7	0.0
-50°	59.2	46.2	33.9	22.1	12.6	5.4	0.0
-52.5°	55.1	42.8	31.3	20.6	11.6	5.1	0.0
-55°	50.8	39.4	28.6	19.0	10.6	4.8	0.0
-57.5°	46.3	36.0	25.9	17.4	9.5	4.5	0.0
-60°	41.7	32.4	23.1	15.8	8.4	4.2	0.0
-62.5°	37.4	28.8	20.8	14.1	7.7	3.9	0.0
-65°	32.9	25.1	18.5	12.3	7.1	3.5	0.0
-67.5°	28.4	21.7	16.2	10.5	6.4	3.2	0.0
-70°	23.8	18.7	13.8	8.7	5.7	2.9	0.0
-72.5°	20.0	15.7	11.3	7.6	5.0	2.5	0.0
-75°	16.3	12.6	8.8	6.5	4.3	2.2	0.0
-77.5°	12.6	9.5	7.2	5.4	3.6	1.8	0.0
-80°	8.8	7.2	5.8	4.4	2.9	1.5	0.0
-82.5°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
-85°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
-87.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)