

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: P627598 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-750-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627598 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5B-750-U-NR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (80) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 24594.9 lumens  
Efficiency: N/A  
Efficacy: 155.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 249309.6 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 7851.8 lumens  
Beam Efficiency: 31.9%

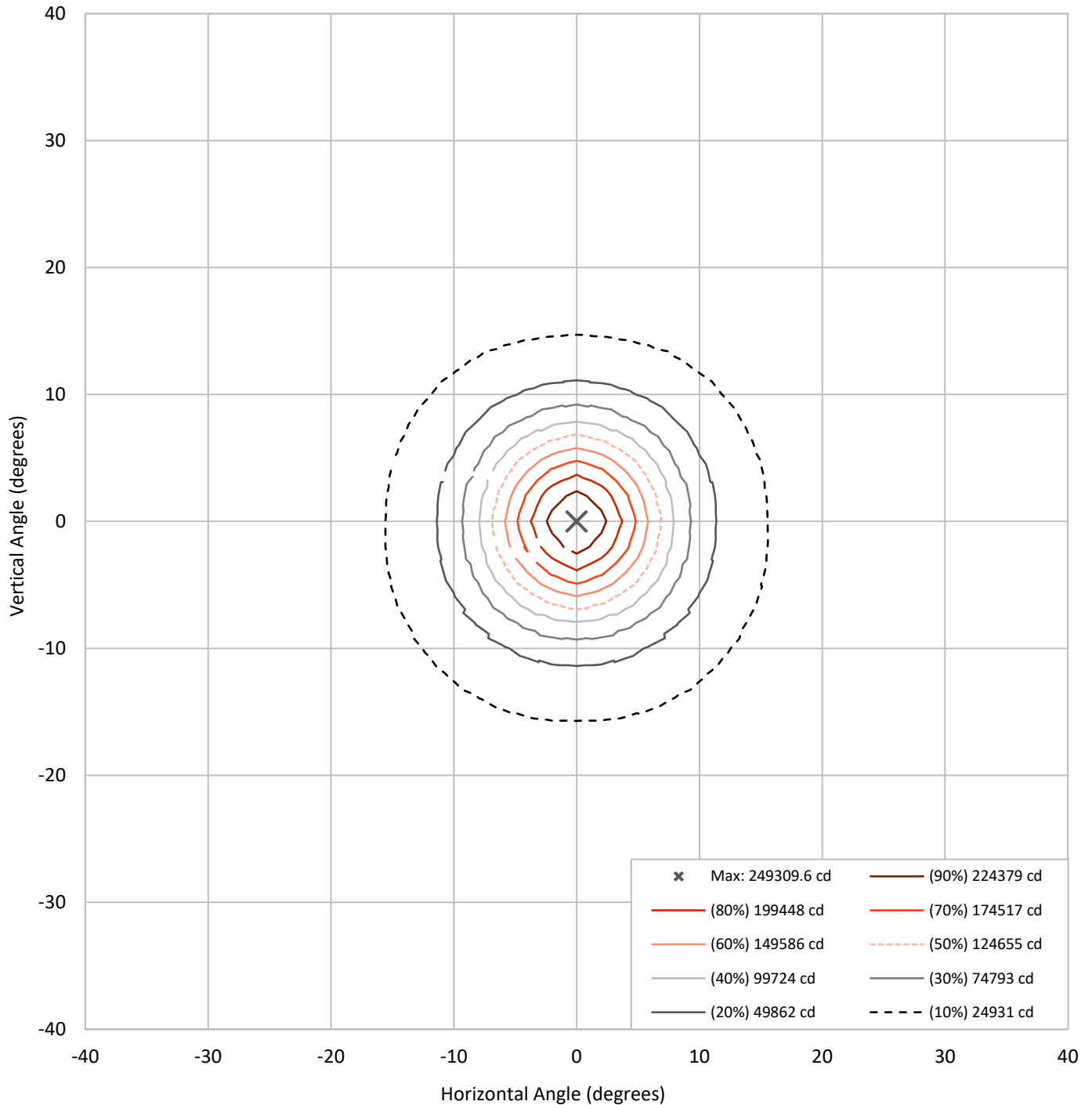
Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 17488.5 lumens  
Field Efficiency: 71.1%

Input Watts (W): 158.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA5B-750-U-NR-VSR-XX

### Iso-Candela Plot





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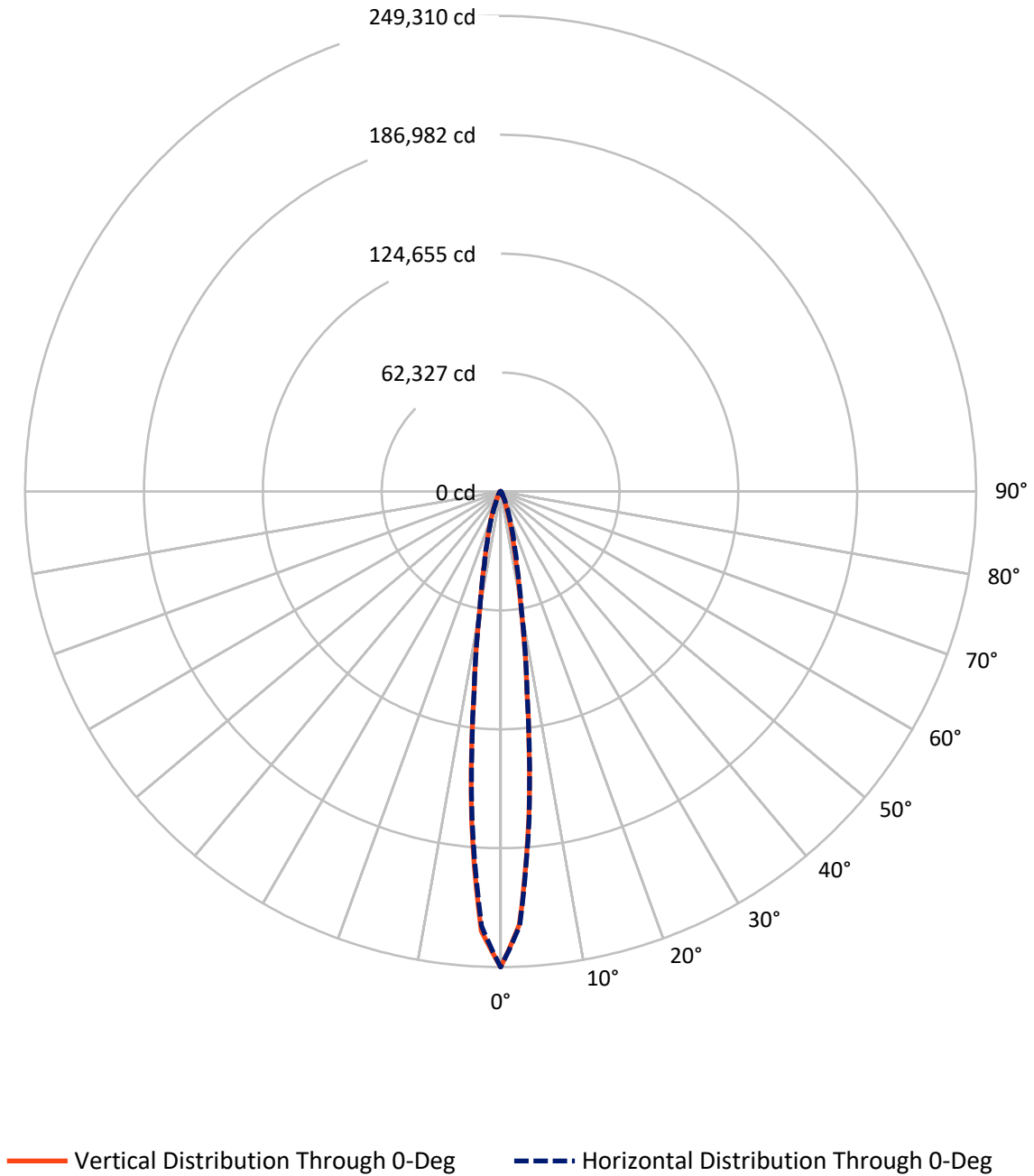
CATALOG NUMBER: GFLD-SA5B-750-U-NR-VSR-XX

### Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1		
60		0.1	0.2	0.6	1.4	2.2	2.9	3.5	3.5	2.9	2.2	1.4	0.6	0.2		0.1	
50	0.1	0.1	0.7	2.1	4.0	5.9	8.3	9.8	9.8	8.3	5.9	4.0	2.1	0.7	0.1		
40		0.4	1.7	4.2	7.4	11.8	20.0	25.5	25.5	20.0	11.8	7.4	4.2	1.7	0.4		
30	0.2	0.7	2.7	6.3	11.5	25.0	66.8	110.6	110.6	66.8	25.0	11.5	6.3	2.7	0.7		
20		1.0	3.8	8.8	19.0	74.8	315.3	693.0	693.0	315.3	74.8	19.0	8.8	3.8	1.0		
10	0.4	1.3	4.6	10.3	25.8	140.4	755.5	3388.1	3388.1	755.5	140.4	25.8	10.3	4.6	1.3		
0		1.5	5.0	10.8	27.8	149.6	782.0	3445.6	3445.6	782.0	149.6	27.8	10.8	5.0	1.5		
-10	0.5	1.6	5.1	10.6	24.4	95.2	379.6	811.9	811.9	379.6	95.2	24.4	10.6	5.1	1.6		
-20		1.5	4.9	9.8	18.8	44.5	117.0	194.9	194.9	117.0	44.5	18.8	9.8	4.9	1.5		
-30	0.4	1.3	4.3	8.6	14.7	24.4	39.8	50.5	50.5	39.8	24.4	14.7	8.6	4.3	1.3		
-40		1.1	3.6	7.2	11.9	17.1	22.9	25.6	25.6	22.9	17.1	11.9	7.2	3.6	1.1		
-50	0.3	0.8	2.7	5.6	9.4	13.1	16.6	18.1	18.1	16.6	13.1	9.4	5.6	2.7	0.8		
-60		0.5	1.7	3.6	6.3	9.1	11.5	12.7	12.7	11.5	9.1	6.3	3.6	1.7	0.5		
-70	0.1	0.5	1.7	3.6	6.3	9.1	11.5	12.7	12.7	11.5	9.1	6.3	3.6	1.7	0.5		
-80		0.1	1.5	6.2	13.6	17.2	13.6	6.2	1.5	0.1							
-90	0.1	1.5	6.2	13.6	17.2	13.6	6.2	1.5	0.1								

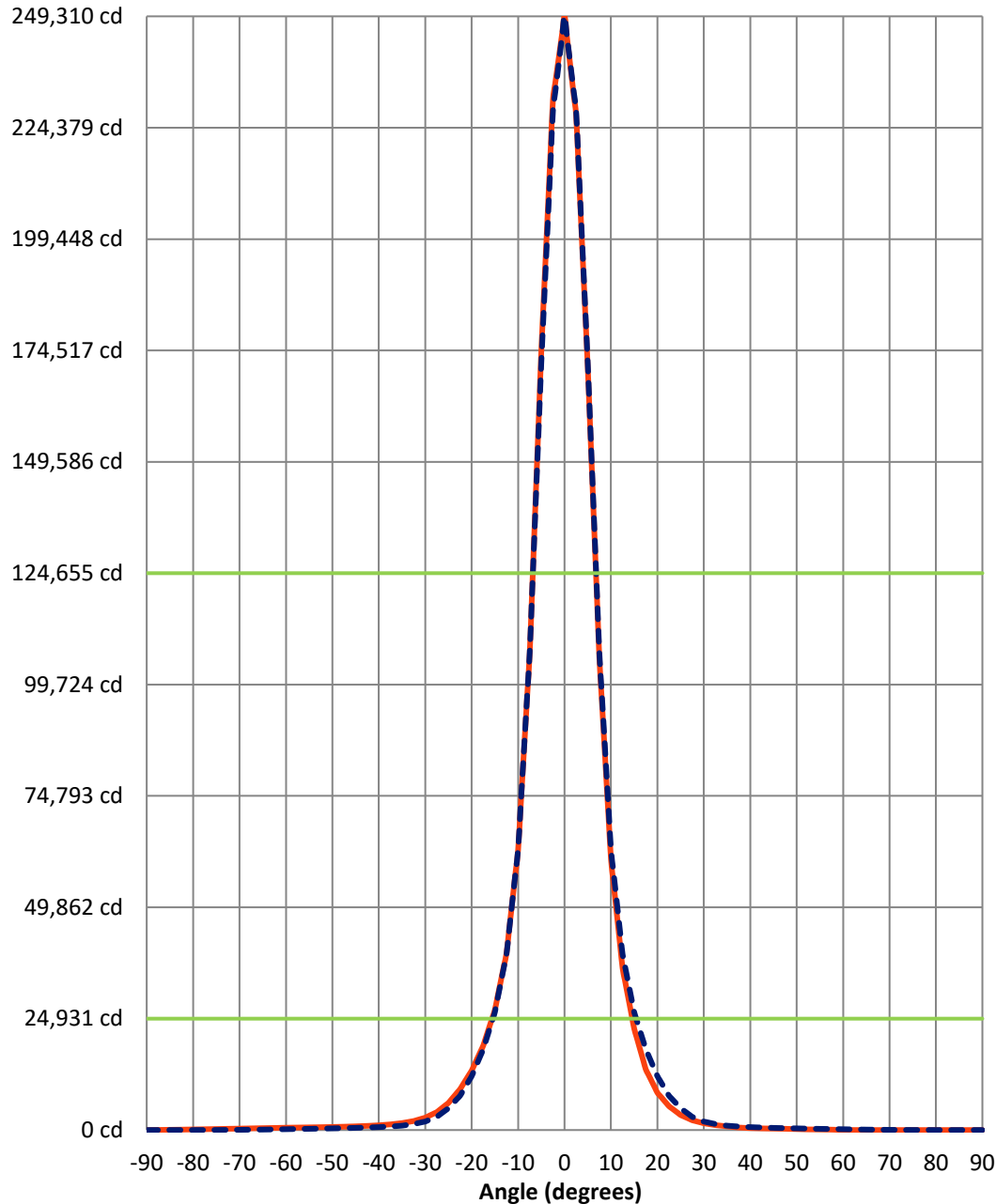
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 7851.8  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 17488.5  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 7106.4  
 Efficiency: 28.9%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.6	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.7	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.5	0.2
72.5°	0.0	0.8	0.1	0.0	0.6	0.8	0.3	0.3	1.1	1.2	0.5
70°	0.0	1.0	0.2	0.1	1.1	1.2	0.6	1.6	2.2	2.0	0.7
67.5°	0.0	1.1	0.3	0.6	1.6	1.6	1.9	3.0	3.4	2.2	0.9
65°	0.0	1.2	0.4	1.2	2.1	2.3	3.1	4.4	3.6	2.3	1.6
62.5°	0.0	1.4	0.6	1.7	2.7	3.0	4.2	5.0	3.8	2.8	3.3
60°	0.0	1.5	0.7	2.2	3.3	3.7	5.2	5.2	4.0	3.8	4.9
57.5°	0.0	1.6	1.2	2.8	3.7	4.3	5.3	5.3	4.5	4.7	5.3
55°	0.0	1.8	1.6	3.4	4.1	4.9	5.3	5.3	4.9	5.3	5.3
52.5°	0.0	1.9	2.0	3.9	4.4	5.3	5.3	5.3	5.2	5.3	5.3
50°	0.0	2.1	2.4	4.5	4.7	5.3	5.3	5.3	5.3	5.3	6.2
47.5°	0.0	2.3	2.8	5.0	4.9	5.3	5.3	5.3	5.3	5.3	7.3
45°	0.0	2.4	3.1	5.2	5.1	5.3	5.3	5.3	5.5	6.6	8.7
42.5°	0.0	2.6	3.4	5.3	5.2	5.3	5.3	5.5	5.8	8.1	11.7
40°	0.0	2.8	3.7	5.3	5.3	5.3	5.3	5.9	6.7	9.7	15.1
37.5°	0.0	2.9	4.0	5.3	5.3	5.3	5.3	6.4	8.6	12.2	18.6
35°	0.0	3.1	4.2	5.3	5.3	5.3	5.3	7.1	10.5	15.6	22.7
32.5°	0.0	3.3	4.4	5.3	5.3	5.3	5.5	7.8	12.6	18.8	28.2
30°	0.0	3.4	4.6	5.3	5.3	5.3	6.0	8.8	14.7	21.9	34.1
27.5°	0.0	3.6	4.7	5.3	5.3	5.3	6.6	10.5	17.0	24.9	40.5
25°	0.0	3.8	4.9	5.3	5.3	5.3	7.2	12.2	19.5	29.3	47.3
22.5°	0.0	4.0	5.0	5.3	5.3	5.4	7.9	13.9	21.9	34.6	55.4
20°	0.0	4.1	5.1	5.3	5.3	5.8	8.6	15.6	24.2	40.0	62.8
17.5°	0.0	4.3	5.2	5.3	5.3	6.3	9.5	17.2	26.3	45.4	69.6
15°	0.0	4.5	5.2	5.3	5.3	6.8	10.6	18.9	28.3	50.7	75.8
12.5°	0.0	4.6	5.2	5.3	5.3	7.4	11.6	20.5	31.0	55.9	81.3
10°	0.0	4.8	5.3	5.3	5.3	8.0	12.5	21.9	34.4	60.8	86.2
7.5°	0.0	4.9	5.3	5.3	5.3	8.7	13.4	23.2	37.8	64.9	90.5
5°	0.0	5.0	5.3	5.3	5.3	9.3	14.3	24.4	41.2	68.5	94.3
2.5°	0.0	5.2	5.3	5.3	5.3	10.0	15.1	25.5	44.5	71.5	97.6
0°	0.0	5.3	5.3	5.3	5.3	10.6	15.8	26.4	47.5	73.9	100.3
-2.5°	0.0	5.3	5.3	5.3	5.8	11.2	17.2	28.0	50.2	75.8	103.7
-5°	0.0	5.3	5.3	5.3	6.2	11.6	18.5	29.4	52.5	77.4	106.5
-7.5°	0.0	5.3	5.3	5.3	6.6	12.1	19.7	30.7	54.4	78.5	108.6
-10°	0.0	5.2	5.3	5.3	7.0	12.5	20.7	31.8	55.8	79.4	109.9
-12.5°	0.0	5.2	5.3	5.3	7.4	12.8	21.6	32.8	56.6	80.1	111.9
-15°	0.0	5.1	5.3	5.3	7.7	13.1	22.2	33.6	56.8	81.7	113.8
-17.5°	0.0	5.1	5.3	5.3	7.9	13.3	22.7	34.4	56.4	82.6	114.7
-20°	0.0	5.0	5.3	5.3	8.1	13.5	23.0	35.1	55.6	82.6	114.5

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CATALOG NUMBER: GFLD-SA5B-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.9	5.3	5.3	8.1	13.6	23.3	35.6	54.4	81.6	113.2
-25°	0.0	4.8	5.3	5.3	8.1	14.0	23.4	35.7	52.7	79.7	110.7
-27.5°	0.0	4.7	5.3	5.3	8.0	14.3	23.4	35.6	50.6	77.0	108.3
-30°	0.0	4.6	5.3	5.3	7.8	14.6	23.3	35.2	49.5	74.2	104.7
-32.5°	0.0	4.5	5.3	5.3	7.8	14.7	23.0	34.8	48.9	70.9	99.7
-35°	0.0	4.3	5.3	5.3	7.7	14.7	22.9	34.3	47.9	67.1	93.4
-37.5°	0.0	4.2	5.3	5.3	7.5	14.5	22.9	33.7	46.5	62.9	89.8
-40°	0.0	4.1	5.3	5.3	7.2	14.2	22.6	32.9	44.8	60.2	86.5
-42.5°	0.0	3.9	5.3	5.4	7.1	13.8	22.1	31.9	43.3	59.0	82.4
-45°	0.0	3.7	5.3	5.5	7.3	13.2	21.4	30.9	42.0	57.2	77.9
-47.5°	0.0	3.6	5.3	5.6	7.4	12.5	20.6	29.9	40.6	54.7	74.9
-50°	0.0	3.4	5.3	5.7	7.5	11.7	19.5	28.6	39.0	52.6	71.0
-52.5°	0.0	3.2	5.3	5.7	7.5	10.8	18.3	27.1	37.1	49.7	66.4
-55°	0.0	3.0	5.3	5.7	7.5	10.5	16.9	25.3	34.9	46.0	61.5
-57.5°	0.0	2.8	5.3	5.7	7.4	10.2	15.3	23.3	32.4	42.6	55.8
-60°	0.0	2.6	5.3	5.7	7.2	9.9	13.7	21.0	29.6	39.2	49.9
-62.5°	0.0	2.4	4.9	5.6	7.0	9.5	13.0	18.6	26.5	35.5	45.5
-65°	0.0	2.2	4.5	5.6	6.8	9.0	12.2	16.4	23.2	31.5	40.6
-67.5°	0.0	2.0	4.1	5.4	6.5	8.4	11.3	15.0	19.7	27.1	35.4
-70°	0.0	1.8	3.6	5.3	6.1	7.8	10.3	13.6	17.6	22.6	29.9
-72.5°	0.0	1.6	3.2	4.8	5.8	7.1	9.2	12.0	15.4	19.6	24.5
-75°	0.0	1.4	2.7	4.1	5.4	6.4	8.0	10.5	13.1	16.6	20.6
-77.5°	0.0	1.1	2.3	3.4	4.6	5.6	6.8	9.0	11.4	13.7	16.6
-80°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	7.5	9.7	11.9	14.0
-82.5°	0.0	0.7	1.4	2.1	2.8	3.4	4.1	5.9	8.0	9.9	11.9
-85°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	4.0	5.4	7.1	8.9
-87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	2.0	2.7	3.5	4.5
-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.5	1.8	1.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.6	3.4	2.6	1.4	0.1	1.3	1.8	1.4	0.2	0.0	0.0
62.5°	4.9	4.2	2.9	2.2	3.0	4.0	3.1	1.8	0.5	2.5	3.7
60°	5.3	4.5	3.7	4.2	5.4	4.8	3.5	5.2	7.8	9.8	11.8
57.5°	5.3	4.9	4.8	5.7	6.0	6.0	9.3	12.4	17.5	21.8	24.7
55°	5.4	5.2	6.0	7.2	8.9	12.6	17.2	24.3	30.0	38.7	46.1
52.5°	6.0	6.0	8.1	10.8	16.0	21.8	30.0	39.9	51.2	59.7	68.7
50°	6.9	8.8	11.3	18.1	25.1	34.3	47.7	62.3	71.8	81.4	94.2
47.5°	9.4	12.0	18.6	26.5	36.7	51.3	69.8	80.3	89.7	104.7	120.7
45°	12.7	18.0	26.1	37.0	51.1	71.5	86.2	94.7	111.0	128.3	146.6
42.5°	16.2	24.8	35.9	47.4	69.6	89.0	102.2	115.8	132.2	152.5	172.3
40°	21.9	31.5	46.6	64.7	87.2	106.2	122.7	138.3	154.5	181.0	202.1
37.5°	27.8	41.7	58.7	81.2	104.7	125.4	143.9	163.5	186.6	216.4	235.4
35°	33.5	52.3	73.2	97.1	122.1	145.4	167.6	190.5	220.4	248.7	271.4
32.5°	41.4	63.2	86.6	112.5	138.2	164.7	191.6	219.0	248.5	277.4	307.1
30°	51.5	74.8	99.5	127.2	153.0	183.7	214.9	243.9	273.6	304.1	337.6
27.5°	61.6	85.6	112.3	140.3	167.4	202.4	236.0	266.3	296.7	329.6	367.8
25°	70.9	96.5	124.4	152.0	183.9	221.3	258.2	293.3	319.0	356.3	401.0
22.5°	79.9	107.2	137.1	162.6	199.7	240.4	283.3	321.1	351.5	384.9	435.6
20°	88.8	118.1	149.0	177.5	215.6	259.4	310.3	349.2	387.0	430.0	481.8
17.5°	97.2	128.3	160.8	194.6	234.8	280.1	338.0	377.6	422.7	474.3	539.5
15°	105.2	137.8	172.6	210.6	252.1	301.0	356.7	406.1	460.2	519.6	596.7
12.5°	112.7	146.4	184.3	225.4	267.4	318.9	372.5	425.0	487.2	565.0	661.9
10°	119.5	154.3	195.5	238.9	280.6	334.0	386.3	441.0	506.6	592.0	703.0
7.5°	125.2	162.2	206.2	251.2	292.1	346.4	398.3	454.2	522.9	614.4	730.7
5°	130.0	170.5	216.2	259.1	301.6	357.2	408.3	464.7	535.8	631.9	750.5
2.5°	134.0	178.1	224.8	264.8	309.8	367.0	416.4	476.3	549.0	645.5	769.0
0°	137.2	184.7	232.2	269.1	316.6	374.7	422.2	485.5	559.4	654.4	786.3
-2.5°	143.6	190.2	236.6	274.1	323.9	375.9	426.0	486.8	563.3	661.3	789.5
-5°	149.0	194.6	239.8	277.9	329.3	375.8	427.6	485.7	564.6	665.1	795.2
-7.5°	153.1	198.0	241.9	281.0	332.2	377.5	430.0	489.5	568.8	668.7	802.7
-10°	155.8	200.5	243.7	284.7	333.0	379.3	430.9	490.3	568.1	666.4	798.6
-12.5°	157.2	201.9	244.5	286.8	332.8	379.1	429.7	488.0	562.3	658.1	782.3
-15°	157.6	202.5	244.4	287.0	332.0	376.9	426.3	482.5	551.8	644.0	756.7
-17.5°	157.2	202.2	243.4	285.2	330.8	372.6	421.0	475.0	541.2	627.4	735.9
-20°	155.8	201.1	241.6	281.4	329.1	368.6	415.8	467.9	530.2	608.3	705.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627598 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	153.6	199.2	238.9	277.6	323.2	364.8	408.9	458.6	514.5	585.1	671.3
-25°	151.1	195.5	235.6	274.6	316.6	359.1	400.3	447.5	498.8	566.7	644.3
-27.5°	147.7	190.9	231.0	270.5	309.5	351.4	391.6	436.2	487.0	546.9	616.3
-30°	142.8	184.5	224.6	264.8	303.3	342.7	381.6	424.1	471.9	528.3	592.4
-32.5°	136.6	177.4	216.6	256.4	296.4	334.0	370.5	411.4	456.3	505.8	566.7
-35°	130.4	169.6	207.9	245.8	288.0	324.2	359.5	396.9	438.7	484.7	534.4
-37.5°	124.5	161.3	198.6	234.4	274.3	312.1	346.4	382.0	420.6	462.8	507.9
-40°	118.2	152.4	188.9	223.7	258.8	297.3	331.5	365.9	401.6	443.9	484.0
-42.5°	111.7	144.9	178.7	212.9	246.3	280.7	314.9	347.9	385.5	425.6	464.9
-45°	106.2	137.1	168.4	201.6	234.6	265.7	297.7	328.6	366.8	406.8	445.3
-47.5°	99.8	129.1	159.4	189.5	221.9	253.0	281.7	312.9	345.5	383.2	423.6
-50°	93.2	120.9	148.9	177.2	207.9	239.0	268.3	297.0	327.7	358.8	393.6
-52.5°	87.5	111.7	137.7	163.7	192.7	223.1	252.7	281.5	309.7	338.9	368.6
-55°	80.9	103.0	126.0	150.3	175.7	204.8	234.2	262.3	291.1	318.4	347.5
-57.5°	73.4	93.3	114.2	137.1	160.2	184.1	212.5	240.5	267.6	295.2	325.2
-60°	65.0	82.8	101.8	122.8	145.4	167.3	190.3	216.2	242.4	268.6	296.3
-62.5°	56.4	71.8	88.9	107.3	128.0	149.5	170.5	192.6	216.1	238.9	262.9
-65°	50.6	61.5	75.9	92.2	109.2	128.4	148.3	168.7	189.4	208.7	227.2
-67.5°	44.4	54.3	64.9	76.9	92.4	108.5	124.4	142.7	161.3	179.0	196.3
-70°	37.9	46.6	56.0	66.1	77.0	90.3	105.2	119.8	134.0	148.9	165.0
-72.5°	31.1	38.6	46.8	55.4	64.8	75.3	86.8	99.2	111.9	124.2	136.8
-75°	25.5	30.5	37.1	44.5	52.6	60.8	69.1	79.0	89.7	100.5	111.1
-77.5°	21.0	25.6	30.2	34.7	40.4	48.0	55.4	62.7	70.2	78.3	87.0
-80°	17.1	20.6	24.8	29.0	32.9	37.5	42.6	48.4	53.7	59.1	65.0
-82.5°	14.3	17.0	19.9	23.2	25.5	27.9	30.7	34.0	37.5	41.2	44.9
-85°	10.9	13.1	15.1	17.3	18.4	19.6	20.9	22.3	24.6	26.8	29.0
-87.5°	5.5	6.6	7.8	9.1	9.6	10.2	10.7	11.2	12.6	14.1	15.7
-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: P627598 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.0	0.0	0.0	0.1	1.0	1.3	1.1	0.5	0.0	0.0
62.5°	3.1	2.6	4.1	5.5	6.0	5.9	5.4	4.8	4.1	3.8	4.3
60°	12.7	12.5	17.3	19.7	17.9	12.7	19.9	23.5	22.6	19.3	19.2
57.5°	31.0	37.6	42.4	44.6	51.6	62.9	65.0	61.3	60.0	61.2	70.7
55°	53.7	59.0	61.8	71.4	79.9	86.1	89.7	93.4	98.8	105.4	112.2
52.5°	75.9	83.3	88.9	97.5	107.7	111.2	110.2	123.3	133.5	140.0	142.7
50°	104.2	113.5	126.6	140.0	145.9	151.5	157.5	168.2	183.8	203.3	214.4
47.5°	134.8	149.3	163.1	178.4	186.2	192.2	201.2	219.8	242.1	263.0	273.9
45°	162.3	175.2	191.0	204.2	213.8	225.5	238.4	255.3	280.2	302.1	317.2
42.5°	184.4	198.9	215.1	231.2	240.9	256.6	276.3	299.3	325.4	348.1	364.9
40°	215.3	227.6	253.5	268.7	272.6	287.2	326.7	358.1	387.5	415.5	429.5
37.5°	252.7	276.8	303.6	317.4	331.0	357.0	409.8	460.5	498.0	535.9	556.6
35°	295.2	326.8	363.3	379.7	408.9	465.4	527.5	597.9	685.6	722.4	755.9
32.5°	336.5	371.9	405.6	442.3	493.3	560.8	630.7	745.0	851.7	934.4	994.8
30°	373.2	410.6	452.5	499.7	571.5	664.6	781.4	929.2	1079.7	1211.0	1322.0
27.5°	409.3	452.0	501.8	572.1	673.2	799.6	986.0	1197.0	1448.2	1633.2	1854.1
25°	449.1	497.8	561.7	663.6	800.1	989.0	1287.1	1629.7	2041.5	2375.3	2724.8
22.5°	496.0	568.1	648.9	762.7	1001.0	1312.4	1719.5	2305.0	2938.5	3524.2	4088.2
20°	552.8	651.3	781.2	990.5	1296.4	1756.7	2464.1	3398.6	4330.3	5322.4	6277.5
17.5°	633.7	775.8	977.5	1275.5	1678.7	2589.2	3737.0	5182.3	7039.2	8722.0	10191.2
15°	709.7	879.4	1198.0	1643.4	2346.7	3553.4	5296.8	7682.3	10576.3	13213.7	15999.4
12.5°	789.4	989.8	1355.7	1922.8	2900.1	4471.0	6921.0	10189.7	13813.4	17788.4	22316.0
10°	852.6	1095.8	1533.9	2252.9	3457.6	5413.9	8332.3	12296.5	17111.9	22994.5	30232.2
7.5°	895.2	1180.8	1681.2	2494.6	3971.0	6378.2	9891.4	14656.2	20676.2	28469.5	38597.0
5°	928.5	1245.7	1791.9	2715.1	4405.2	7114.4	11046.5	16722.6	23844.0	34285.6	51448.8
2.5°	955.3	1295.5	1860.4	2866.8	4677.7	7626.9	11821.5	17891.7	25729.6	38585.5	60852.5
0°	976.3	1340.4	1905.0	2960.4	4886.6	7678.1	12063.4	18105.6	26406.4	39361.6	62876.2
-2.5°	985.2	1364.5	1920.3	2980.9	4865.7	7766.2	12137.2	18276.5	26381.0	38936.4	60616.0
-5°	1000.0	1364.1	1908.8	2960.0	4756.6	7538.6	11655.2	17320.2	24789.5	35587.6	53349.3
-7.5°	1010.7	1342.3	1853.5	2825.9	4471.1	7046.8	10808.2	15735.8	21892.8	30091.6	41092.0
-10°	1000.9	1300.5	1761.4	2600.9	4027.1	6257.8	9520.2	13644.2	18761.2	24837.2	32311.2
-12.5°	963.2	1223.5	1611.1	2285.8	3452.1	5374.0	8224.5	11735.7	15523.1	19790.3	24954.9
-15°	915.6	1140.4	1475.6	2069.6	3025.8	4497.9	6579.1	9427.5	12465.6	15705.5	19160.5
-17.5°	878.5	1067.4	1345.0	1775.0	2478.3	3648.8	5284.2	7307.8	9540.4	12007.1	14054.5
-20°	828.3	977.6	1210.6	1561.8	2098.4	2873.9	4065.0	5535.0	7008.3	8742.7	10157.0

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627598 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	778.0	908.1	1085.4	1342.4	1741.7	2327.5	3063.4	4045.0	5122.4	6117.9	7097.8
-25°	731.4	831.5	975.0	1185.8	1456.6	1856.5	2380.3	2943.3	3653.5	4259.5	4932.0
-27.5°	693.6	779.6	885.4	1040.0	1250.1	1507.4	1882.4	2259.7	2633.2	2939.0	3402.0
-30°	657.1	726.3	814.8	925.0	1082.6	1280.8	1524.3	1769.1	1984.6	2181.2	2422.3
-32.5°	621.3	677.6	745.5	837.0	950.0	1099.1	1248.7	1424.1	1573.9	1712.2	1840.1
-35°	585.4	635.5	687.2	764.3	854.5	960.4	1069.2	1188.0	1291.7	1384.8	1467.2
-37.5°	553.0	597.0	645.6	703.0	775.7	855.4	944.2	1030.5	1099.0	1159.5	1209.5
-40°	525.6	565.7	607.3	653.3	708.5	771.4	846.9	918.8	966.8	1003.7	1034.1
-42.5°	501.2	536.5	571.9	610.9	653.4	707.8	767.4	826.8	859.3	887.9	909.8
-45°	481.6	508.6	538.5	571.8	609.4	655.0	701.8	742.9	771.8	796.4	814.6
-47.5°	455.6	481.7	507.5	535.1	570.1	608.1	646.8	678.4	703.6	725.0	739.0
-50°	427.1	454.5	478.2	502.4	534.6	566.8	598.0	624.1	648.2	669.2	680.2
-52.5°	397.5	427.0	451.8	475.4	502.5	530.6	558.7	581.0	602.1	621.9	630.2
-55°	376.2	403.4	429.0	451.2	473.5	496.0	519.0	542.1	563.0	581.8	587.3
-57.5°	353.3	380.9	406.3	426.2	446.3	466.6	487.6	508.5	528.6	546.7	551.2
-60°	325.2	355.1	377.7	396.5	416.1	436.1	454.4	473.0	491.7	507.5	512.5
-62.5°	289.5	316.8	339.0	358.9	377.8	395.2	413.0	430.4	447.3	459.7	463.8
-65°	246.8	270.0	292.9	313.6	332.3	349.1	365.5	381.4	396.7	407.7	413.1
-67.5°	213.1	229.8	248.2	266.1	284.8	302.1	316.9	330.9	344.0	353.2	359.0
-70°	180.6	196.5	213.7	230.7	247.0	261.1	272.9	284.4	295.6	303.8	309.9
-72.5°	149.5	162.9	177.4	192.4	207.2	219.9	230.8	241.1	250.8	257.8	263.4
-75°	121.3	132.4	144.6	156.8	168.8	178.9	188.0	196.9	205.5	211.7	216.9
-77.5°	96.3	105.7	115.2	124.7	134.2	141.5	148.2	154.7	161.1	166.0	170.4
-80°	71.3	78.7	86.3	93.9	101.5	107.1	112.1	116.8	121.3	124.2	126.7
-82.5°	48.7	53.9	59.2	64.6	70.0	74.1	78.1	82.0	85.8	87.2	88.1
-85°	31.1	33.7	36.5	39.4	42.5	44.8	46.9	49.0	51.0	52.8	54.5
-87.5°	17.3	17.8	18.3	18.7	19.1	20.7	22.3	23.9	25.5	25.8	26.0
-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: P627598 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1
62.5°	4.8	5.1	5.2	5.3	5.2	5.1	4.8	4.3	3.8	4.1	4.8
60°	18.0	16.0	15.7	15.8	15.7	16.0	18.0	19.2	19.3	22.6	23.5
57.5°	80.3	89.3	91.8	89.7	91.8	89.3	80.3	70.7	61.2	60.0	61.3
55°	116.9	119.7	121.0	121.4	121.0	119.7	116.9	112.2	105.4	98.8	93.4
52.5°	143.3	142.4	142.1	142.5	142.1	142.4	143.3	142.7	140.0	133.5	123.3
50°	215.3	211.4	209.8	211.1	209.8	211.4	215.3	214.4	203.3	183.8	168.2
47.5°	275.2	276.5	278.3	279.7	278.3	276.5	275.2	273.9	263.0	242.1	219.8
45°	321.4	324.2	326.2	327.2	326.2	324.2	321.4	317.2	302.1	280.2	255.3
42.5°	368.6	368.9	368.4	369.4	368.4	368.9	368.6	364.9	348.1	325.4	299.3
40°	435.1	436.5	435.1	432.7	435.1	436.5	435.1	429.5	415.5	387.5	358.1
37.5°	568.7	570.6	564.3	559.4	564.3	570.6	568.7	556.6	535.9	498.0	460.5
35°	786.5	809.0	819.7	823.2	819.7	809.0	786.5	755.9	722.4	685.6	597.9
32.5°	1036.5	1067.9	1083.7	1097.6	1083.7	1067.9	1036.5	994.8	934.4	851.7	745.0
30°	1394.9	1452.8	1478.3	1514.5	1478.3	1452.8	1394.9	1322.0	1211.0	1079.7	929.2
27.5°	1979.5	2081.3	2137.7	2190.0	2137.7	2081.3	1979.5	1854.1	1633.2	1448.2	1197.0
25°	2978.7	3174.7	3301.6	3361.5	3301.6	3174.7	2978.7	2724.8	2375.3	2041.5	1629.7
22.5°	4633.9	4995.3	5274.0	5329.8	5274.0	4995.3	4633.9	4088.2	3524.2	2938.5	2305.0
20°	7204.1	7721.2	8141.8	8353.6	8141.8	7721.2	7204.1	6277.5	5322.4	4330.3	3398.6
17.5°	11941.1	13016.5	13507.8	13588.4	13507.8	13016.5	11941.1	10191.2	8722.0	7039.2	5182.3
15°	18988.3	20808.1	21963.3	22707.2	21963.3	20808.1	18988.3	15999.4	13213.7	10576.3	7682.3
12.5°	27029.0	32199.9	35142.2	36264.0	35142.2	32199.9	27029.0	22316.0	17788.4	13813.4	10189.7
10°	37942.0	50115.0	57136.9	60670.4	57136.9	50115.0	37942.0	30232.2	22994.5	17111.9	12296.5
7.5°	56463.9	75265.3	96096.5	105733.9	96096.5	75265.3	56463.9	38597.0	28469.5	20676.2	14656.2
5°	75934.9	117215.1	153447.1	170797.4	153447.1	117215.1	75934.9	51448.8	34285.6	23844.0	16722.6
2.5°	98313.7	153984.0	205455.7	227098.4	205455.7	153984.0	98313.7	60852.5	38585.5	25729.6	17891.7
0°	106926.5	171773.7	228066.7	249309.6	228066.7	171773.7	106926.5	62876.2	39361.6	26406.4	18105.6
-2.5°	99645.2	156681.1	206340.0	230612.9	206340.0	156681.1	99645.2	60616.0	38936.4	26381.0	18276.5
-5°	79173.2	117861.2	154638.5	174417.5	154638.5	117861.2	79173.2	53349.3	35587.6	24789.5	17320.2
-7.5°	58108.2	79169.5	99594.3	106736.5	99594.3	79169.5	58108.2	41092.0	30091.6	21892.8	15735.8
-10°	40456.1	52516.5	60477.7	62749.6	60477.7	52516.5	40456.1	32311.2	24837.2	18761.2	13644.2
-12.5°	29994.1	35269.4	38939.8	39578.0	38939.8	35269.4	29994.1	24954.9	19790.3	15523.1	11735.7
-15°	22209.9	24892.5	26785.6	26913.0	26785.6	24892.5	22209.9	19160.5	15705.5	12465.6	9427.5
-17.5°	16235.6	18036.3	18991.6	18923.5	18991.6	18036.3	16235.6	14054.5	12007.1	9540.4	7307.8
-20°	11609.4	12694.7	13464.5	13314.0	13464.5	12694.7	11609.4	10157.0	8742.7	7008.3	5535.0



REPORT NUMBER: P627598 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-750-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°	8094.9	8815.4	9266.4	9150.4	9266.4	8815.4	8094.9	7097.8	6117.9	5122.4	4045.0
-25°	5500.3	5892.9	6116.3	6079.2	6116.3	5892.9	5500.3	4932.0	4259.5	3653.5	2943.3
-27.5°	3748.1	3955.5	4024.7	4021.1	4024.7	3955.5	3748.1	3402.0	2939.0	2633.2	2259.7
-30°	2601.5	2740.9	2820.6	2770.5	2820.6	2740.9	2601.5	2422.3	2181.2	1984.6	1769.1
-32.5°	1939.0	2017.6	2063.0	2015.8	2063.0	2017.6	1939.0	1840.1	1712.2	1573.9	1424.1
-35°	1528.1	1567.9	1583.9	1556.7	1583.9	1567.9	1528.1	1467.2	1384.8	1291.7	1188.0
-37.5°	1245.8	1269.1	1277.0	1261.2	1277.0	1269.1	1245.8	1209.5	1159.5	1099.0	1030.5
-40°	1055.7	1069.9	1073.5	1060.7	1073.5	1069.9	1055.7	1034.1	1003.7	966.8	918.8
-42.5°	923.7	932.2	934.2	928.8	934.2	932.2	923.7	909.8	887.9	859.3	826.8
-45°	825.5	832.8	834.2	828.5	834.2	832.8	825.5	814.6	796.4	771.8	742.9
-47.5°	746.0	750.5	751.6	749.3	751.6	750.5	746.0	739.0	725.0	703.6	678.4
-50°	685.2	688.2	688.5	686.0	688.5	688.2	685.2	680.2	669.2	648.2	624.1
-52.5°	634.2	636.3	637.8	638.5	637.8	636.3	634.2	630.2	621.9	602.1	581.0
-55°	591.2	594.0	595.7	596.3	595.7	594.0	591.2	587.3	581.8	563.0	542.1
-57.5°	554.8	557.3	558.9	559.4	558.9	557.3	554.8	551.2	546.7	528.6	508.5
-60°	516.7	519.8	521.7	522.4	521.7	519.8	516.7	512.5	507.5	491.7	473.0
-62.5°	466.5	467.9	469.2	469.7	469.2	467.9	466.5	463.8	459.7	447.3	430.4
-65°	417.2	420.0	421.7	422.2	421.7	420.0	417.2	413.1	407.7	396.7	381.4
-67.5°	363.8	367.5	371.4	374.7	371.4	367.5	363.8	359.0	353.2	344.0	330.9
-70°	315.4	320.1	321.5	321.9	321.5	320.1	315.4	309.9	303.8	295.6	284.4
-72.5°	268.5	272.8	276.6	279.7	276.6	272.8	268.5	263.4	257.8	250.8	241.1
-75°	221.5	225.6	226.6	226.9	226.6	225.6	221.5	216.9	211.7	205.5	196.9
-77.5°	174.6	178.4	179.2	179.4	179.2	178.4	174.6	170.4	166.0	161.1	154.7
-80°	129.1	131.2	134.3	137.2	134.3	131.2	129.1	126.7	124.2	121.3	116.8
-82.5°	88.8	89.3	89.6	89.7	89.6	89.3	88.8	88.1	87.2	85.8	82.0
-85°	56.2	57.7	57.9	58.0	57.9	57.7	56.2	54.5	52.8	51.0	49.0
-87.5°	26.2	26.3	26.4	26.4	26.4	26.3	26.2	26.0	25.8	25.5	23.9
-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: P627598 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
65°	1.3	1.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.4
62.5°	5.4	5.9	6.0	5.5	4.1	2.6	3.1	3.7	2.5	0.5	1.8
60°	19.9	12.7	17.9	19.7	17.3	12.5	12.7	11.8	9.8	7.8	5.2
57.5°	65.0	62.9	51.6	44.6	42.4	37.6	31.0	24.7	21.8	17.5	12.4
55°	89.7	86.1	79.9	71.4	61.8	59.0	53.7	46.1	38.7	30.0	24.3
52.5°	110.2	111.2	107.7	97.5	88.9	83.3	75.9	68.7	59.7	51.2	39.9
50°	157.5	151.5	145.9	140.0	126.6	113.5	104.2	94.2	81.4	71.8	62.3
47.5°	201.2	192.2	186.2	178.4	163.1	149.3	134.8	120.7	104.7	89.7	80.3
45°	238.4	225.5	213.8	204.2	191.0	175.2	162.3	146.6	128.3	111.0	94.7
42.5°	276.3	256.6	240.9	231.2	215.1	198.9	184.4	172.3	152.5	132.2	115.8
40°	326.7	287.2	272.6	268.7	253.5	227.6	215.3	202.1	181.0	154.5	138.3
37.5°	409.8	357.0	331.0	317.4	303.6	276.8	252.7	235.4	216.4	186.6	163.5
35°	527.5	465.4	408.9	379.7	363.3	326.8	295.2	271.4	248.7	220.4	190.5
32.5°	630.7	560.8	493.3	442.3	405.6	371.9	336.5	307.1	277.4	248.5	219.0
30°	781.4	664.6	571.5	499.7	452.5	410.6	373.2	337.6	304.1	273.6	243.9
27.5°	986.0	799.6	673.2	572.1	501.8	452.0	409.3	367.8	329.6	296.7	266.3
25°	1287.1	989.0	800.1	663.6	561.7	497.8	449.1	401.0	356.3	319.0	293.3
22.5°	1719.5	1312.4	1001.0	762.7	648.9	568.1	496.0	435.6	384.9	351.5	321.1
20°	2464.1	1756.7	1296.4	990.5	781.2	651.3	552.8	481.8	430.0	387.0	349.2
17.5°	3737.0	2589.2	1678.7	1275.5	977.5	775.8	633.7	539.5	474.3	422.7	377.6
15°	5296.8	3553.4	2346.7	1643.4	1198.0	879.4	709.7	596.7	519.6	460.2	406.1
12.5°	6921.0	4471.0	2900.1	1922.8	1355.7	989.8	789.4	661.9	565.0	487.2	425.0
10°	8332.3	5413.9	3457.6	2252.9	1533.9	1095.8	852.6	703.0	592.0	506.6	441.0
7.5°	9891.4	6378.2	3971.0	2494.6	1681.2	1180.8	895.2	730.7	614.4	522.9	454.2
5°	11046.5	7114.4	4405.2	2715.1	1791.9	1245.7	928.5	750.5	631.9	535.8	464.7
2.5°	11821.5	7626.9	4677.7	2866.8	1860.4	1295.5	955.3	769.0	645.5	549.0	476.3
0°	12063.4	7678.1	4886.6	2960.4	1905.0	1340.4	976.3	786.3	654.4	559.4	485.5
-2.5°	12137.2	7766.2	4865.7	2980.9	1920.3	1364.5	985.2	789.5	661.3	563.3	486.8
-5°	11655.2	7538.6	4756.6	2960.0	1908.8	1364.1	1000.0	795.2	665.1	564.6	485.7
-7.5°	10808.2	7046.8	4471.1	2825.9	1853.5	1342.3	1010.7	802.7	668.7	568.8	489.5
-10°	9520.2	6257.8	4027.1	2600.9	1761.4	1300.5	1000.9	798.6	666.4	568.1	490.3
-12.5°	8224.5	5374.0	3452.1	2285.8	1611.1	1223.5	963.2	782.3	658.1	562.3	488.0
-15°	6579.1	4497.9	3025.8	2069.6	1475.6	1140.4	915.6	756.7	644.0	551.8	482.5
-17.5°	5284.2	3648.8	2478.3	1775.0	1345.0	1067.4	878.5	735.9	627.4	541.2	475.0
-20°	4065.0	2873.9	2098.4	1561.8	1210.6	977.6	828.3	705.4	608.3	530.2	467.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627598 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	3063.4	2327.5	1741.7	1342.4	1085.4	908.1	778.0	671.3	585.1	514.5	458.6
-25°	2380.3	1856.5	1456.6	1185.8	975.0	831.5	731.4	644.3	566.7	498.8	447.5
-27.5°	1882.4	1507.4	1250.1	1040.0	885.4	779.6	693.6	616.3	546.9	487.0	436.2
-30°	1524.3	1280.8	1082.6	925.0	814.8	726.3	657.1	592.4	528.3	471.9	424.1
-32.5°	1248.7	1099.1	950.0	837.0	745.5	677.6	621.3	566.7	505.8	456.3	411.4
-35°	1069.2	960.4	854.5	764.3	687.2	635.5	585.4	534.4	484.7	438.7	396.9
-37.5°	944.2	855.4	775.7	703.0	645.6	597.0	553.0	507.9	462.8	420.6	382.0
-40°	846.9	771.4	708.5	653.3	607.3	565.7	525.6	484.0	443.9	401.6	365.9
-42.5°	767.4	707.8	653.4	610.9	571.9	536.5	501.2	464.9	425.6	385.5	347.9
-45°	701.8	655.0	609.4	571.8	538.5	508.6	481.6	445.3	406.8	366.8	328.6
-47.5°	646.8	608.1	570.1	535.1	507.5	481.7	455.6	423.6	383.2	345.5	312.9
-50°	598.0	566.8	534.6	502.4	478.2	454.5	427.1	393.6	358.8	327.7	297.0
-52.5°	558.7	530.6	502.5	475.4	451.8	427.0	397.5	368.6	338.9	309.7	281.5
-55°	519.0	496.0	473.5	451.2	429.0	403.4	376.2	347.5	318.4	291.1	262.3
-57.5°	487.6	466.6	446.3	426.2	406.3	380.9	353.3	325.2	295.2	267.6	240.5
-60°	454.4	436.1	416.1	396.5	377.7	355.1	325.2	296.3	268.6	242.4	216.2
-62.5°	413.0	395.2	377.8	358.9	339.0	316.8	289.5	262.9	238.9	216.1	192.6
-65°	365.5	349.1	332.3	313.6	292.9	270.0	246.8	227.2	208.7	189.4	168.7
-67.5°	316.9	302.1	284.8	266.1	248.2	229.8	213.1	196.3	179.0	161.3	142.7
-70°	272.9	261.1	247.0	230.7	213.7	196.5	180.6	165.0	148.9	134.0	119.8
-72.5°	230.8	219.9	207.2	192.4	177.4	162.9	149.5	136.8	124.2	111.9	99.2
-75°	188.0	178.9	168.8	156.8	144.6	132.4	121.3	111.1	100.5	89.7	79.0
-77.5°	148.2	141.5	134.2	124.7	115.2	105.7	96.3	87.0	78.3	70.2	62.7
-80°	112.1	107.1	101.5	93.9	86.3	78.7	71.3	65.0	59.1	53.7	48.4
-82.5°	78.1	74.1	70.0	64.6	59.2	53.9	48.7	44.9	41.2	37.5	34.0
-85°	46.9	44.8	42.5	39.4	36.5	33.7	31.1	29.0	26.8	24.6	22.3
-87.5°	22.3	20.7	19.1	18.7	18.3	17.8	17.3	15.7	14.1	12.6	11.2
-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: P627598 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	1.1	0.3
70°	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.7	2.0	2.2	1.6
67.5°	0.0	0.0	0.0	1.1	1.8	1.5	0.4	0.9	2.2	3.4	3.0
65°	1.8	1.3	0.1	1.4	2.6	3.4	2.6	1.6	2.3	3.6	4.4
62.5°	3.1	4.0	3.0	2.2	2.9	4.2	4.9	3.3	2.8	3.8	5.0
60°	3.5	4.8	5.4	4.2	3.7	4.5	5.3	4.9	3.8	4.0	5.2
57.5°	9.3	6.0	6.0	5.7	4.8	4.9	5.3	5.3	4.7	4.5	5.3
55°	17.2	12.6	8.9	7.2	6.0	5.2	5.4	5.3	5.3	4.9	5.3
52.5°	30.0	21.8	16.0	10.8	8.1	6.0	6.0	5.3	5.3	5.2	5.3
50°	47.7	34.3	25.1	18.1	11.3	8.8	6.9	6.2	5.3	5.3	5.3
47.5°	69.8	51.3	36.7	26.5	18.6	12.0	9.4	7.3	5.3	5.3	5.3
45°	86.2	71.5	51.1	37.0	26.1	18.0	12.7	8.7	6.6	5.5	5.3
42.5°	102.2	89.0	69.6	47.4	35.9	24.8	16.2	11.7	8.1	5.8	5.5
40°	122.7	106.2	87.2	64.7	46.6	31.5	21.9	15.1	9.7	6.7	5.9
37.5°	143.9	125.4	104.7	81.2	58.7	41.7	27.8	18.6	12.2	8.6	6.4
35°	167.6	145.4	122.1	97.1	73.2	52.3	33.5	22.7	15.6	10.5	7.1
32.5°	191.6	164.7	138.2	112.5	86.6	63.2	41.4	28.2	18.8	12.6	7.8
30°	214.9	183.7	153.0	127.2	99.5	74.8	51.5	34.1	21.9	14.7	8.8
27.5°	236.0	202.4	167.4	140.3	112.3	85.6	61.6	40.5	24.9	17.0	10.5
25°	258.2	221.3	183.9	152.0	124.4	96.5	70.9	47.3	29.3	19.5	12.2
22.5°	283.3	240.4	199.7	162.6	137.1	107.2	79.9	55.4	34.6	21.9	13.9
20°	310.3	259.4	215.6	177.5	149.0	118.1	88.8	62.8	40.0	24.2	15.6
17.5°	338.0	280.1	234.8	194.6	160.8	128.3	97.2	69.6	45.4	26.3	17.2
15°	356.7	301.0	252.1	210.6	172.6	137.8	105.2	75.8	50.7	28.3	18.9
12.5°	372.5	318.9	267.4	225.4	184.3	146.4	112.7	81.3	55.9	31.0	20.5
10°	386.3	334.0	280.6	238.9	195.5	154.3	119.5	86.2	60.8	34.4	21.9
7.5°	398.3	346.4	292.1	251.2	206.2	162.2	125.2	90.5	64.9	37.8	23.2
5°	408.3	357.2	301.6	259.1	216.2	170.5	130.0	94.3	68.5	41.2	24.4
2.5°	416.4	367.0	309.8	264.8	224.8	178.1	134.0	97.6	71.5	44.5	25.5
0°	422.2	374.7	316.6	269.1	232.2	184.7	137.2	100.3	73.9	47.5	26.4
-2.5°	426.0	375.9	323.9	274.1	236.6	190.2	143.6	103.7	75.8	50.2	28.0
-5°	427.6	375.8	329.3	277.9	239.8	194.6	149.0	106.5	77.4	52.5	29.4
-7.5°	430.0	377.5	332.2	281.0	241.9	198.0	153.1	108.6	78.5	54.4	30.7
-10°	430.9	379.3	333.0	284.7	243.7	200.5	155.8	109.9	79.4	55.8	31.8
-12.5°	429.7	379.1	332.8	286.8	244.5	201.9	157.2	111.9	80.1	56.6	32.8
-15°	426.3	376.9	332.0	287.0	244.4	202.5	157.6	113.8	81.7	56.8	33.6
-17.5°	421.0	372.6	330.8	285.2	243.4	202.2	157.2	114.7	82.6	56.4	34.4
-20°	415.8	368.6	329.1	281.4	241.6	201.1	155.8	114.5	82.6	55.6	35.1

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Scaled Data Report



REPORT NUMBER: P627598 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	408.9	364.8	323.2	277.6	238.9	199.2	153.6	113.2	81.6	54.4	35.6
-25°	400.3	359.1	316.6	274.6	235.6	195.5	151.1	110.7	79.7	52.7	35.7
-27.5°	391.6	351.4	309.5	270.5	231.0	190.9	147.7	108.3	77.0	50.6	35.6
-30°	381.6	342.7	303.3	264.8	224.6	184.5	142.8	104.7	74.2	49.5	35.2
-32.5°	370.5	334.0	296.4	256.4	216.6	177.4	136.6	99.7	70.9	48.9	34.8
-35°	359.5	324.2	288.0	245.8	207.9	169.6	130.4	93.4	67.1	47.9	34.3
-37.5°	346.4	312.1	274.3	234.4	198.6	161.3	124.5	89.8	62.9	46.5	33.7
-40°	331.5	297.3	258.8	223.7	188.9	152.4	118.2	86.5	60.2	44.8	32.9
-42.5°	314.9	280.7	246.3	212.9	178.7	144.9	111.7	82.4	59.0	43.3	31.9
-45°	297.7	265.7	234.6	201.6	168.4	137.1	106.2	77.9	57.2	42.0	30.9
-47.5°	281.7	253.0	221.9	189.5	159.4	129.1	99.8	74.9	54.7	40.6	29.9
-50°	268.3	239.0	207.9	177.2	148.9	120.9	93.2	71.0	52.6	39.0	28.6
-52.5°	252.7	223.1	192.7	163.7	137.7	111.7	87.5	66.4	49.7	37.1	27.1
-55°	234.2	204.8	175.7	150.3	126.0	103.0	80.9	61.5	46.0	34.9	25.3
-57.5°	212.5	184.1	160.2	137.1	114.2	93.3	73.4	55.8	42.6	32.4	23.3
-60°	190.3	167.3	145.4	122.8	101.8	82.8	65.0	49.9	39.2	29.6	21.0
-62.5°	170.5	149.5	128.0	107.3	88.9	71.8	56.4	45.5	35.5	26.5	18.6
-65°	148.3	128.4	109.2	92.2	75.9	61.5	50.6	40.6	31.5	23.2	16.4
-67.5°	124.4	108.5	92.4	76.9	64.9	54.3	44.4	35.4	27.1	19.7	15.0
-70°	105.2	90.3	77.0	66.1	56.0	46.6	37.9	29.9	22.6	17.6	13.6
-72.5°	86.8	75.3	64.8	55.4	46.8	38.6	31.1	24.5	19.6	15.4	12.0
-75°	69.1	60.8	52.6	44.5	37.1	30.5	25.5	20.6	16.6	13.1	10.5
-77.5°	55.4	48.0	40.4	34.7	30.2	25.6	21.0	16.6	13.7	11.4	9.0
-80°	42.6	37.5	32.9	29.0	24.8	20.6	17.1	14.0	11.9	9.7	7.5
-82.5°	30.7	27.9	25.5	23.2	19.9	17.0	14.3	11.9	9.9	8.0	5.9
-85°	20.9	19.6	18.4	17.3	15.1	13.1	10.9	8.9	7.1	5.4	4.0
-87.5°	10.7	10.2	9.6	9.1	7.8	6.6	5.5	4.5	3.5	2.7	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

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CATALOG NUMBER: GFLD-SA5B-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.6	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.7	0.0
72.5°	0.3	0.8	0.6	0.0	0.1	0.8	0.0
70°	0.6	1.2	1.1	0.1	0.2	1.0	0.0
67.5°	1.9	1.6	1.6	0.6	0.3	1.1	0.0
65°	3.1	2.3	2.1	1.2	0.4	1.2	0.0
62.5°	4.2	3.0	2.7	1.7	0.6	1.4	0.0
60°	5.2	3.7	3.3	2.2	0.7	1.5	0.0
57.5°	5.3	4.3	3.7	2.8	1.2	1.6	0.0
55°	5.3	4.9	4.1	3.4	1.6	1.8	0.0
52.5°	5.3	5.3	4.4	3.9	2.0	1.9	0.0
50°	5.3	5.3	4.7	4.5	2.4	2.1	0.0
47.5°	5.3	5.3	4.9	5.0	2.8	2.3	0.0
45°	5.3	5.3	5.1	5.2	3.1	2.4	0.0
42.5°	5.3	5.3	5.2	5.3	3.4	2.6	0.0
40°	5.3	5.3	5.3	5.3	3.7	2.8	0.0
37.5°	5.3	5.3	5.3	5.3	4.0	2.9	0.0
35°	5.3	5.3	5.3	5.3	4.2	3.1	0.0
32.5°	5.5	5.3	5.3	5.3	4.4	3.3	0.0
30°	6.0	5.3	5.3	5.3	4.6	3.4	0.0
27.5°	6.6	5.3	5.3	5.3	4.7	3.6	0.0
25°	7.2	5.3	5.3	5.3	4.9	3.8	0.0
22.5°	7.9	5.4	5.3	5.3	5.0	4.0	0.0
20°	8.6	5.8	5.3	5.3	5.1	4.1	0.0
17.5°	9.5	6.3	5.3	5.3	5.2	4.3	0.0
15°	10.6	6.8	5.3	5.3	5.2	4.5	0.0
12.5°	11.6	7.4	5.3	5.3	5.2	4.6	0.0
10°	12.5	8.0	5.3	5.3	5.3	4.8	0.0
7.5°	13.4	8.7	5.3	5.3	5.3	4.9	0.0
5°	14.3	9.3	5.3	5.3	5.3	5.0	0.0
2.5°	15.1	10.0	5.3	5.3	5.3	5.2	0.0
0°	15.8	10.6	5.3	5.3	5.3	5.3	0.0
-2.5°	17.2	11.2	5.8	5.3	5.3	5.3	0.0
-5°	18.5	11.6	6.2	5.3	5.3	5.3	0.0
-7.5°	19.7	12.1	6.6	5.3	5.3	5.3	0.0
-10°	20.7	12.5	7.0	5.3	5.3	5.2	0.0
-12.5°	21.6	12.8	7.4	5.3	5.3	5.2	0.0
-15°	22.2	13.1	7.7	5.3	5.3	5.1	0.0
-17.5°	22.7	13.3	7.9	5.3	5.3	5.1	0.0
-20°	23.0	13.5	8.1	5.3	5.3	5.0	0.0

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CATALOG NUMBER: GFLD-SA5B-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.3	13.6	8.1	5.3	5.3	4.9	0.0
-25°	23.4	14.0	8.1	5.3	5.3	4.8	0.0
-27.5°	23.4	14.3	8.0	5.3	5.3	4.7	0.0
-30°	23.3	14.6	7.8	5.3	5.3	4.6	0.0
-32.5°	23.0	14.7	7.8	5.3	5.3	4.5	0.0
-35°	22.9	14.7	7.7	5.3	5.3	4.3	0.0
-37.5°	22.9	14.5	7.5	5.3	5.3	4.2	0.0
-40°	22.6	14.2	7.2	5.3	5.3	4.1	0.0
-42.5°	22.1	13.8	7.1	5.4	5.3	3.9	0.0
-45°	21.4	13.2	7.3	5.5	5.3	3.7	0.0
-47.5°	20.6	12.5	7.4	5.6	5.3	3.6	0.0
-50°	19.5	11.7	7.5	5.7	5.3	3.4	0.0
-52.5°	18.3	10.8	7.5	5.7	5.3	3.2	0.0
-55°	16.9	10.5	7.5	5.7	5.3	3.0	0.0
-57.5°	15.3	10.2	7.4	5.7	5.3	2.8	0.0
-60°	13.7	9.9	7.2	5.7	5.3	2.6	0.0
-62.5°	13.0	9.5	7.0	5.6	4.9	2.4	0.0
-65°	12.2	9.0	6.8	5.6	4.5	2.2	0.0
-67.5°	11.3	8.4	6.5	5.4	4.1	2.0	0.0
-70°	10.3	7.8	6.1	5.3	3.6	1.8	0.0
-72.5°	9.2	7.1	5.8	4.8	3.2	1.6	0.0
-75°	8.0	6.4	5.4	4.1	2.7	1.4	0.0
-77.5°	6.8	5.6	4.6	3.4	2.3	1.1	0.0
-80°	5.5	4.6	3.7	2.8	1.8	0.9	0.0
-82.5°	4.1	3.4	2.8	2.1	1.4	0.7	0.0
-85°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
-87.5°	1.4	1.1	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)