

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: P627659 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-750-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627659 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5C-750-U-NR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N126  
Light Source: (80) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

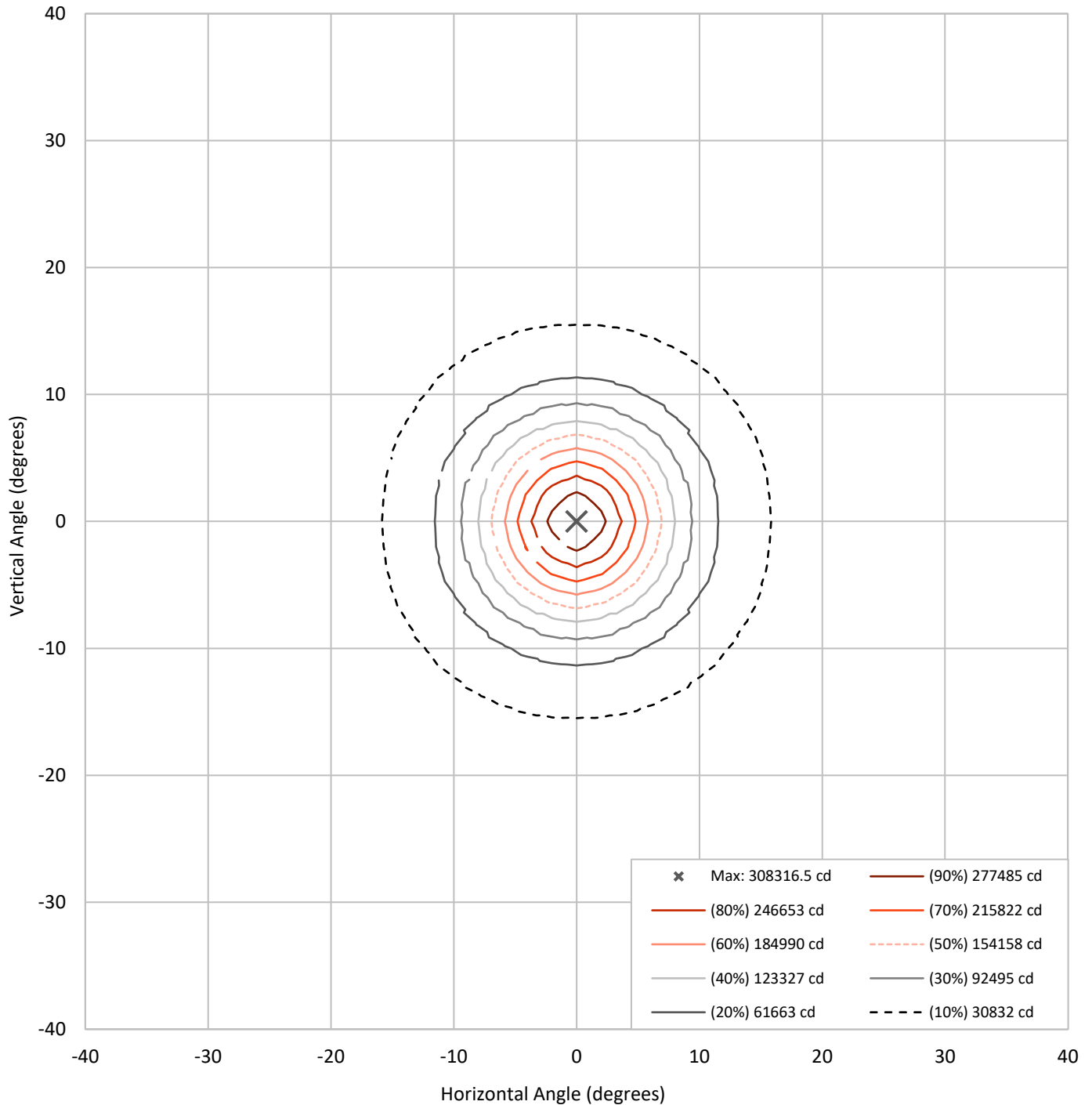
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	32738.7 lumens	Max Intensity:	308316.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	158.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	9679.4 lumens	Field Lumens:	21782.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	206.1		
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





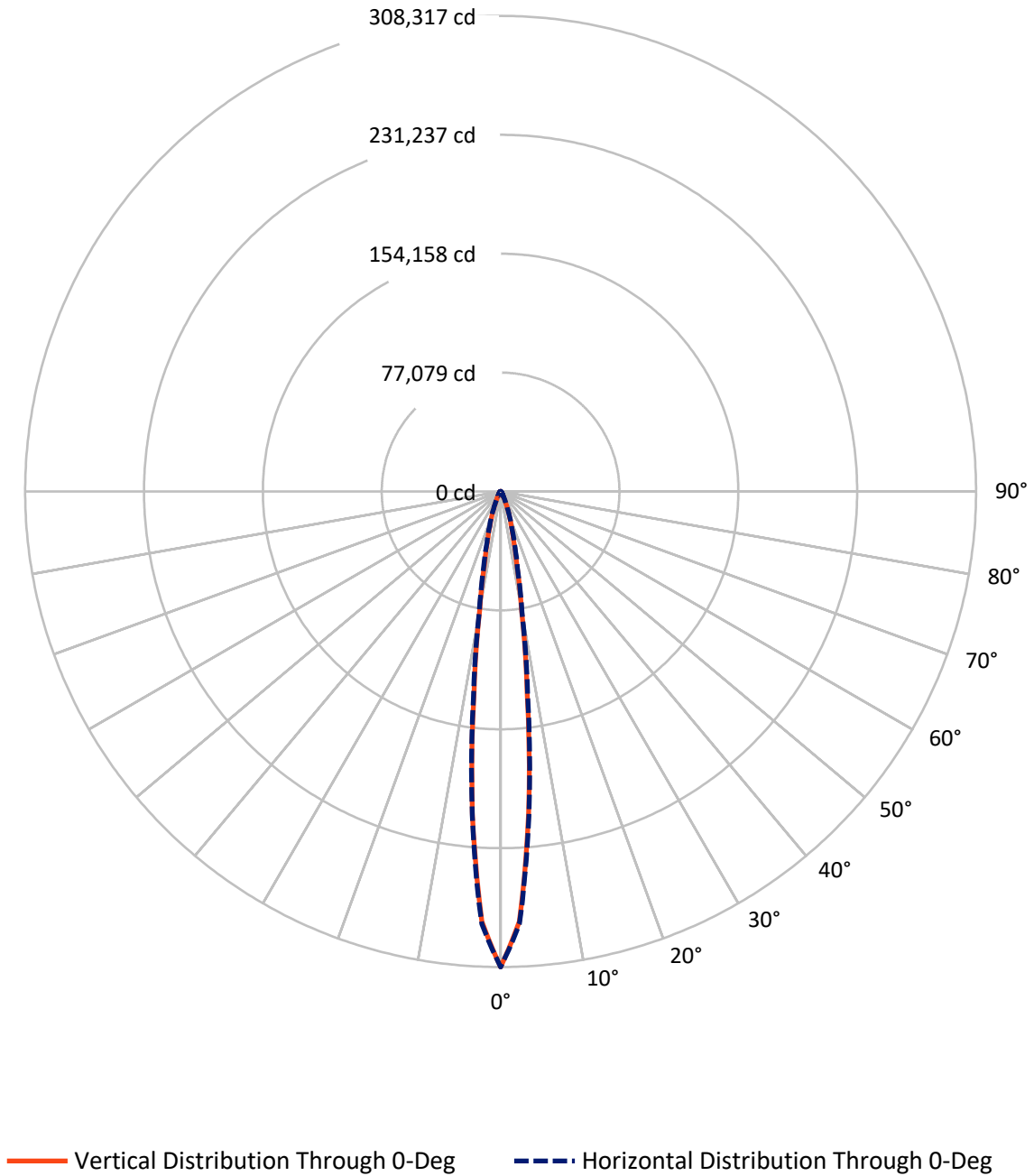
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### Lumen Table

90	0.6		4.5		11.8		19.1		20.8		19.1		11.8		4.5		0.6		
80	0.6		4.5		11.8		19.1		20.8		19.1		11.8		4.5		0.6		
70	2.0	2.3	4.7	7.8	11.0	13.5	15.1	15.8	15.8	15.1	13.5	11.0	7.8	4.7	2.3	2.0			
60		3.5	7.1	11.5	15.5	18.9	21.1	22.0	22.0	21.1	18.9	15.5	11.5	7.1	3.5				
50	3.6	4.5	9.2	14.2	18.9	23.8	28.0	30.2	30.2	28.0	23.8	18.9	14.2	9.2	4.5	3.6			
40		5.5	10.8	16.4	23.3	33.5	47.2	58.4	58.4	47.2	33.5	23.3	16.4	10.8	5.5				
30	4.6	6.2	11.8	18.5	30.1	59.8	136.2	225.5	225.5	136.2	59.8	30.1	18.5	11.8	6.2	4.6			
20		6.6	12.4	20.4	40.0	127.0	451.0	971.4	971.4	451.0	127.0	40.0	20.4	12.4	6.6				
10	5.0	6.9	12.7	21.7	48.3	209.3	980.5	4235.5	4235.5	980.5	209.3	48.3	21.7	12.7	6.9	5.0			
0		6.9	12.7	21.7	48.3	209.3	980.5	4235.5	4235.5	980.5	209.3	48.3	21.7	12.7	6.9				
-10	4.6	6.6	12.4	20.4	40.0	127.0	451.0	971.4	971.4	451.0	127.0	40.0	20.4	12.4	6.6	4.6			
-20		6.2	11.8	18.5	30.1	59.8	136.2	225.5	225.5	136.2	59.8	30.1	18.5	11.8	6.2				
-30	3.6	5.5	10.8	16.4	23.3	33.5	47.2	58.4	58.4	47.2	33.5	23.3	16.4	10.8	5.5	3.6			
-40		4.5	9.2	14.2	18.9	23.8	28.0	30.2	30.2	28.0	23.8	18.9	14.2	9.2	4.5				
-50	2.0	3.5	7.1	11.5	15.5	18.9	21.1	22.0	22.0	21.1	18.9	15.5	11.5	7.1	3.5	2.0			
-60		2.3	4.7	7.8	11.0	13.5	15.1	15.8	15.8	15.1	13.5	11.0	7.8	4.7	2.3				
-70	0.6		4.5		11.8		19.1		20.8		19.1		11.8		4.5		0.6		
-80	0.6		4.5		11.8		19.1		20.8		19.1		11.8		4.5		0.6		
-90	0.6		4.5		11.8		19.1		20.8		19.1		11.8		4.5		0.6		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

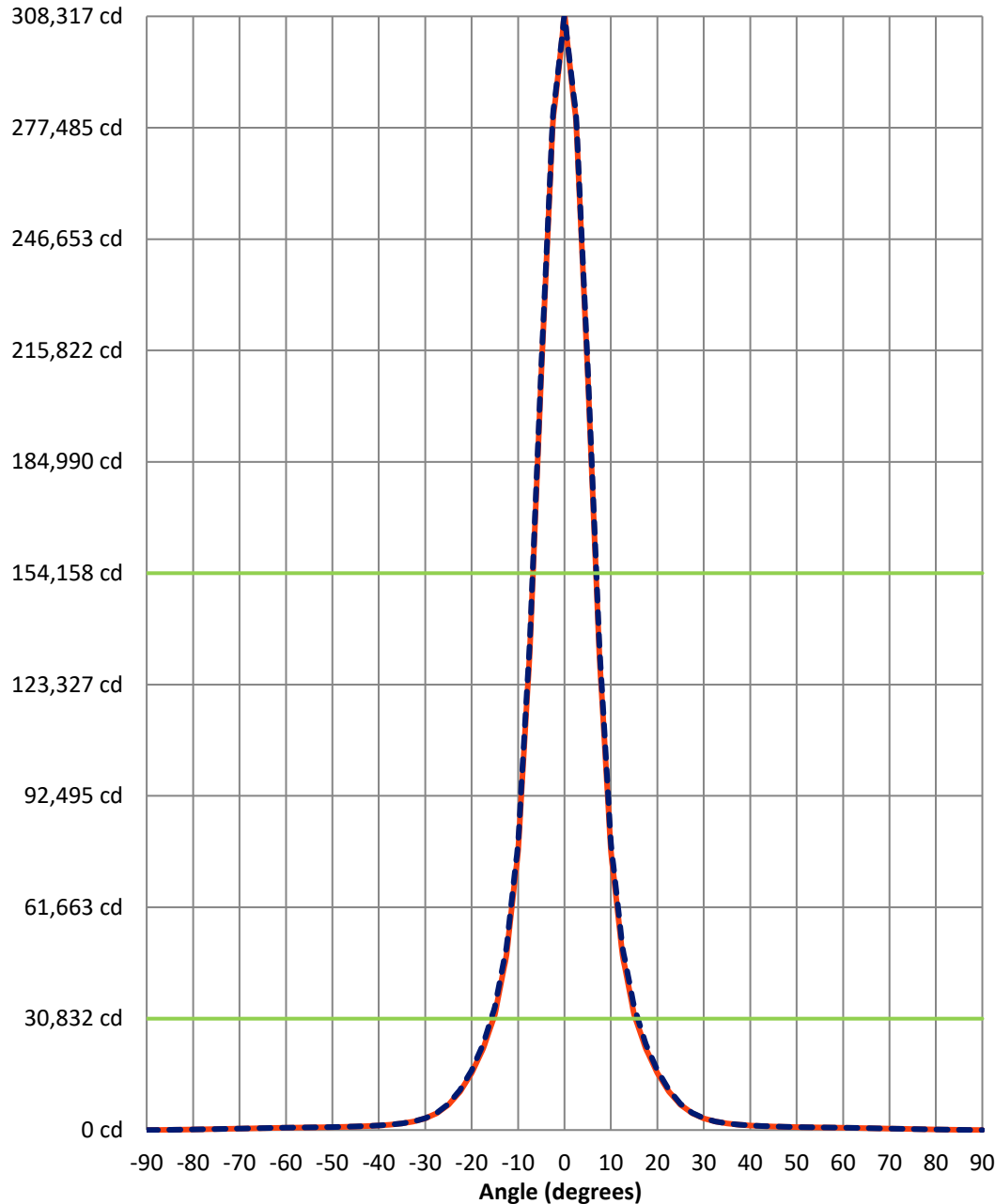
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 9679.4  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 21782.6  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 10956.1  
 Efficiency: 33.5%

- 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	1.0	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.2
85°	0.0	2.0	4.6	6.9	9.2	11.4	13.6	15.9	18.0	20.2	22.3
82.5°	0.0	3.0	6.9	10.3	13.7	17.1	20.4	23.8	27.3	32.2	36.9
80°	0.0	4.0	9.1	13.7	18.2	22.7	27.6	34.2	40.8	47.2	53.5
77.5°	0.0	5.0	11.3	17.1	22.7	29.2	37.6	46.0	54.1	62.1	70.7
75°	0.0	5.9	13.5	20.4	27.5	37.1	47.5	57.6	67.6	78.7	89.7
72.5°	0.0	6.9	15.7	23.8	33.5	45.0	57.2	69.6	82.8	95.8	108.6
70°	0.0	7.8	17.8	27.2	39.4	52.6	67.0	82.8	97.8	112.7	129.4
67.5°	0.0	8.7	19.8	31.4	45.2	60.1	78.0	95.8	112.7	131.8	150.5
65°	0.0	9.6	21.8	35.5	50.9	68.3	88.9	108.6	129.4	150.5	172.6
62.5°	0.0	10.5	23.7	39.5	56.3	77.1	99.5	122.5	145.8	169.6	197.4
60°	0.0	11.3	25.5	43.3	61.7	85.8	109.8	136.5	161.9	190.9	221.5
57.5°	0.0	12.1	27.9	47.1	68.3	94.2	121.2	150.2	179.4	211.6	244.8
55°	0.0	12.9	30.2	50.7	74.9	102.4	132.5	163.3	196.9	231.5	267.2
52.5°	0.0	13.6	32.5	54.2	81.2	110.5	143.4	177.5	213.7	250.6	288.7
50°	0.0	14.3	34.7	57.5	87.3	119.3	153.9	191.4	229.8	268.9	309.4
47.5°	0.0	15.0	36.9	61.0	93.2	127.7	164.2	204.8	245.0	286.2	329.6
45°	0.0	15.6	39.0	65.2	98.8	135.8	175.3	217.7	259.8	304.0	349.4
42.5°	0.0	16.2	41.0	69.2	104.2	143.6	185.8	230.0	273.8	321.3	368.6
40°	0.0	16.8	42.9	73.1	109.7	150.9	195.8	241.7	287.7	338.0	387.3
37.5°	0.0	17.3	44.7	76.9	115.3	157.9	205.3	252.8	301.5	353.6	405.4
35°	0.0	17.8	46.5	80.5	120.5	165.0	214.3	263.3	314.4	368.3	422.9
32.5°	0.0	18.2	48.2	83.9	125.4	172.0	222.7	273.1	326.3	382.0	438.0
30°	0.0	18.6	49.7	87.0	130.0	178.5	230.5	282.4	337.1	394.8	451.8
27.5°	0.0	18.9	51.2	90.0	134.4	184.5	237.7	291.2	347.1	406.5	464.1
25°	0.0	19.2	52.6	92.6	138.5	190.0	244.3	299.1	356.6	416.9	475.1
22.5°	0.0	19.5	53.8	95.1	142.3	194.9	250.3	306.1	365.1	425.8	484.6
20°	0.0	19.7	55.0	97.3	145.6	199.2	255.6	312.2	372.6	433.5	493.2
17.5°	0.0	19.8	56.0	99.3	148.6	202.8	260.0	317.5	379.2	440.0	500.9
15°	0.0	20.0	56.9	101.0	151.2	205.8	263.6	322.2	384.8	445.2	507.5
12.5°	0.0	20.0	57.7	102.4	153.4	208.2	266.5	326.5	389.4	449.3	512.9
10°	0.0	20.1	58.3	103.6	155.3	210.0	268.8	330.1	393.0	453.7	518.2
7.5°	0.0	20.1	58.8	104.5	156.7	211.2	270.3	333.0	395.4	457.4	524.3
5°	0.0	20.0	59.2	105.2	157.7	211.8	271.2	335.1	396.8	460.1	529.2
2.5°	0.0	19.9	59.4	105.6	158.3	211.9	271.3	336.5	397.0	461.8	532.8
0°	0.0	19.8	59.5	105.7	158.5	211.4	270.8	336.9	396.3	462.4	535.1
-2.5°	0.0	19.9	59.4	105.6	158.3	211.9	271.3	336.5	397.0	461.8	532.8
-5°	0.0	20.0	59.2	105.2	157.7	211.8	271.2	335.1	396.8	460.1	529.2
-7.5°	0.0	20.1	58.8	104.5	156.7	211.2	270.3	333.0	395.4	457.4	524.3
-10°	0.0	20.1	58.3	103.6	155.3	210.0	268.8	330.1	393.0	453.7	518.2
-12.5°	0.0	20.0	57.7	102.4	153.4	208.2	266.5	326.5	389.4	449.3	512.9
-15°	0.0	20.0	56.9	101.0	151.2	205.8	263.6	322.2	384.8	445.2	507.5
-17.5°	0.0	19.8	56.0	99.3	148.6	202.8	260.0	317.5	379.2	440.0	500.9
-20°	0.0	19.7	55.0	97.3	145.6	199.2	255.6	312.2	372.6	433.5	493.2

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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	19.5	53.8	95.1	142.3	194.9	250.3	306.1	365.1	425.8	484.6
-25°	0.0	19.2	52.6	92.6	138.5	190.0	244.3	299.1	356.6	416.9	475.1
-27.5°	0.0	18.9	51.2	90.0	134.4	184.5	237.7	291.2	347.1	406.5	464.1
-30°	0.0	18.6	49.7	87.0	130.0	178.5	230.5	282.4	337.1	394.8	451.8
-32.5°	0.0	18.2	48.2	83.9	125.4	172.0	222.7	273.1	326.3	382.0	438.0
-35°	0.0	17.8	46.5	80.5	120.5	165.0	214.3	263.3	314.4	368.3	422.9
-37.5°	0.0	17.3	44.7	76.9	115.3	157.9	205.3	252.8	301.5	353.6	405.4
-40°	0.0	16.8	42.9	73.1	109.7	150.9	195.8	241.7	287.7	338.0	387.3
-42.5°	0.0	16.2	41.0	69.2	104.2	143.6	185.8	230.0	273.8	321.3	368.6
-45°	0.0	15.6	39.0	65.2	98.8	135.8	175.3	217.7	259.8	304.0	349.4
-47.5°	0.0	15.0	36.9	61.0	93.2	127.7	164.2	204.8	245.0	286.2	329.6
-50°	0.0	14.3	34.7	57.5	87.3	119.3	153.9	191.4	229.8	268.9	309.4
-52.5°	0.0	13.6	32.5	54.2	81.2	110.5	143.4	177.5	213.7	250.6	288.7
-55°	0.0	12.9	30.2	50.7	74.9	102.4	132.5	163.3	196.9	231.5	267.2
-57.5°	0.0	12.1	27.9	47.1	68.3	94.2	121.2	150.2	179.4	211.6	244.8
-60°	0.0	11.3	25.5	43.3	61.7	85.8	109.8	136.5	161.9	190.9	221.5
-62.5°	0.0	10.5	23.7	39.5	56.3	77.1	99.5	122.5	145.8	169.6	197.4
-65°	0.0	9.6	21.8	35.5	50.9	68.3	88.9	108.6	129.4	150.5	172.6
-67.5°	0.0	8.7	19.8	31.4	45.2	60.1	78.0	95.8	112.7	131.8	150.5
-70°	0.0	7.8	17.8	27.2	39.4	52.6	67.0	82.8	97.8	112.7	129.4
-72.5°	0.0	6.9	15.7	23.8	33.5	45.0	57.2	69.6	82.8	95.8	108.6
-75°	0.0	5.9	13.5	20.4	27.5	37.1	47.5	57.6	67.6	78.7	89.7
-77.5°	0.0	5.0	11.3	17.1	22.7	29.2	37.6	46.0	54.1	62.1	70.7
-80°	0.0	4.0	9.1	13.7	18.2	22.7	27.6	34.2	40.8	47.2	53.5
-82.5°	0.0	3.0	6.9	10.3	13.7	17.1	20.4	23.8	27.3	32.2	36.9
-85°	0.0	2.0	4.6	6.9	9.2	11.4	13.6	15.9	18.0	20.2	22.3
-87.5°	0.0	1.0	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	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





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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°	12.2	13.2	14.2	15.1	16.1	17.0	17.8	18.7	19.5	20.2	20.9
85°	24.4	26.4	29.3	32.2	34.7	36.8	38.6	40.1	42.8	45.7	48.7
82.5°	41.6	46.1	50.6	54.9	57.8	60.2	62.5	65.9	71.7	77.3	82.4
80°	59.7	65.8	72.6	79.3	85.1	90.8	96.8	102.9	109.3	115.3	121.1
77.5°	79.7	88.5	97.1	105.5	113.8	122.8	131.5	139.8	147.8	155.5	162.7
75°	100.5	111.1	122.7	134.2	145.4	156.2	166.8	178.1	188.9	199.3	209.1
72.5°	122.5	136.5	150.3	163.7	178.1	192.3	206.1	219.3	232.1	245.6	259.8
70°	145.8	161.9	179.8	196.9	213.1	230.1	247.0	261.5	275.4	294.0	313.0
67.5°	169.8	191.5	211.7	231.1	252.7	272.6	289.9	308.4	328.2	349.6	368.4
65°	198.1	221.7	245.2	269.7	294.6	315.4	337.0	359.9	382.3	403.7	424.1
62.5°	226.1	252.7	279.8	306.5	332.0	356.9	383.0	408.6	433.2	458.1	479.9
60°	253.0	283.3	311.8	339.6	368.6	399.6	428.5	456.8	486.3	514.4	529.1
57.5°	279.0	311.3	341.1	372.4	406.5	441.4	471.7	503.8	529.1	548.6	567.7
55°	303.5	337.0	369.7	404.9	441.9	478.2	512.0	540.6	563.9	581.8	602.0
52.5°	326.3	361.7	397.3	435.8	475.0	513.7	549.1	575.9	596.9	615.2	634.2
50°	348.8	386.0	423.6	465.7	507.8	549.0	583.6	608.1	628.0	646.8	666.2
47.5°	370.9	409.9	450.4	495.3	540.9	580.7	613.5	635.9	656.0	678.0	699.3
45°	392.6	434.8	477.7	525.9	571.7	610.0	637.9	660.4	685.1	708.9	731.8
42.5°	413.8	459.3	505.8	555.8	600.0	634.6	660.6	687.1	713.8	739.2	764.9
40°	435.1	482.8	532.1	581.8	626.3	656.2	683.7	712.3	741.7	769.3	797.8
37.5°	455.5	504.9	555.7	605.9	646.4	676.7	705.3	736.9	767.8	797.9	835.1
35°	474.9	525.1	576.3	624.9	663.9	695.1	727.2	760.4	792.9	831.8	874.2
32.5°	492.3	543.2	595.1	640.4	678.5	712.3	748.2	782.9	821.8	865.9	916.8
30°	507.0	559.0	611.1	655.3	692.6	728.3	767.3	805.5	851.1	904.1	964.6
27.5°	519.9	573.2	623.9	668.2	706.0	741.6	782.6	830.8	883.2	942.6	1013.7
25°	531.9	587.6	635.9	679.9	716.7	753.9	797.8	851.1	914.2	985.8	1072.8
22.5°	543.3	601.4	648.2	691.0	725.1	765.3	814.7	872.8	941.3	1025.2	1131.1
20°	554.1	611.7	658.0	699.7	731.4	775.2	829.6	891.7	969.5	1069.5	1192.0
17.5°	564.1	620.5	665.6	704.9	739.7	785.7	842.8	907.1	994.0	1109.8	1248.0
15°	573.1	627.9	671.8	709.1	747.1	796.8	856.5	926.1	1021.1	1148.2	1297.6
12.5°	581.2	633.9	676.5	712.3	753.0	805.8	868.7	946.0	1050.3	1186.0	1360.6
10°	588.0	638.5	679.8	714.5	757.4	812.8	878.9	962.1	1073.5	1215.2	1408.9
7.5°	593.8	642.2	682.1	715.8	760.3	817.6	886.8	974.4	1089.8	1236.0	1443.9
5°	597.9	645.1	684.8	719.9	764.8	821.4	892.6	982.9	1099.3	1248.3	1465.6
2.5°	600.3	646.8	686.4	723.7	769.6	824.7	896.9	992.1	1107.0	1260.4	1482.2
0°	601.1	647.4	687.0	726.6	772.9	825.7	898.4	997.5	1109.8	1268.3	1492.9
-2.5°	600.3	646.8	686.4	723.7	769.6	824.7	896.9	992.1	1107.0	1260.4	1482.2
-5°	597.9	645.1	684.8	719.9	764.8	821.4	892.6	982.9	1099.3	1248.3	1465.6
-7.5°	593.8	642.2	682.1	715.8	760.3	817.6	886.8	974.4	1089.8	1236.0	1443.9
-10°	588.0	638.5	679.8	714.5	757.4	812.8	878.9	962.1	1073.5	1215.2	1408.9
-12.5°	581.2	633.9	676.5	712.3	753.0	805.8	868.7	946.0	1050.3	1186.0	1360.6
-15°	573.1	627.9	671.8	709.1	747.1	796.8	856.5	926.1	1021.1	1148.2	1297.6
-17.5°	564.1	620.5	665.6	704.9	739.7	785.7	842.8	907.1	994.0	1109.8	1248.0
-20°	554.1	611.7	658.0	699.7	731.4	775.2	829.6	891.7	969.5	1069.5	1192.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627659 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	543.3	601.4	648.2	691.0	725.1	765.3	814.7	872.8	941.3	1025.2	1131.1
-25°	531.9	587.6	635.9	679.9	716.7	753.9	797.8	851.1	914.2	985.8	1072.8
-27.5°	519.9	573.2	623.9	668.2	706.0	741.6	782.6	830.8	883.2	942.6	1013.7
-30°	507.0	559.0	611.1	655.3	692.6	728.3	767.3	805.5	851.1	904.1	964.6
-32.5°	492.3	543.2	595.1	640.4	678.5	712.3	748.2	782.9	821.8	865.9	916.8
-35°	474.9	525.1	576.3	624.9	663.9	695.1	727.2	760.4	792.9	831.8	874.2
-37.5°	455.5	504.9	555.7	605.9	646.4	676.7	705.3	736.9	767.8	797.9	835.1
-40°	435.1	482.8	532.1	581.8	626.3	656.2	683.7	712.3	741.7	769.3	797.8
-42.5°	413.8	459.3	505.8	555.8	600.0	634.6	660.6	687.1	713.8	739.2	764.9
-45°	392.6	434.8	477.7	525.9	571.7	610.0	637.9	660.4	685.1	708.9	731.8
-47.5°	370.9	409.9	450.4	495.3	540.9	580.7	613.5	635.9	656.0	678.0	699.3
-50°	348.8	386.0	423.6	465.7	507.8	549.0	583.6	608.1	628.0	646.8	666.2
-52.5°	326.3	361.7	397.3	435.8	475.0	513.7	549.1	575.9	596.9	615.2	634.2
-55°	303.5	337.0	369.7	404.9	441.9	478.2	512.0	540.6	563.9	581.8	602.0
-57.5°	279.0	311.3	341.1	372.4	406.5	441.4	471.7	503.8	529.1	548.6	567.7
-60°	253.0	283.3	311.8	339.6	368.6	399.6	428.5	456.8	486.3	514.4	529.1
-62.5°	226.1	252.7	279.8	306.5	332.0	356.9	383.0	408.6	433.2	458.1	479.9
-65°	198.1	221.7	245.2	269.7	294.6	315.4	337.0	359.9	382.3	403.7	424.1
-67.5°	169.8	191.5	211.7	231.1	252.7	272.6	289.9	308.4	328.2	349.6	368.4
-70°	145.8	161.9	179.8	196.9	213.1	230.1	247.0	261.5	275.4	294.0	313.0
-72.5°	122.5	136.5	150.3	163.7	178.1	192.3	206.1	219.3	232.1	245.6	259.8
-75°	100.5	111.1	122.7	134.2	145.4	156.2	166.8	178.1	188.9	199.3	209.1
-77.5°	79.7	88.5	97.1	105.5	113.8	122.8	131.5	139.8	147.8	155.5	162.7
-80°	59.7	65.8	72.6	79.3	85.1	90.8	96.8	102.9	109.3	115.3	121.1
-82.5°	41.6	46.1	50.6	54.9	57.8	60.2	62.5	65.9	71.7	77.3	82.4
-85°	24.4	26.4	29.3	32.2	34.7	36.8	38.6	40.1	42.8	45.7	48.7
-87.5°	12.2	13.2	14.2	15.1	16.1	17.0	17.8	18.7	19.5	20.2	20.9
-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: P627659 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-NR-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°	21.6	22.3	22.9	23.4	23.9	24.4	24.8	25.2	25.5	24.2	22.8
85°	51.7	53.6	55.4	57.1	58.6	60.0	61.3	62.4	63.4	62.6	61.6
82.5°	87.0	90.5	93.6	96.6	99.2	101.7	103.9	105.9	107.6	107.4	106.9
80°	126.6	132.3	138.0	143.6	149.1	152.4	154.9	156.7	158.0	158.5	158.7
77.5°	170.2	178.9	188.1	197.1	205.9	211.0	214.6	217.6	220.0	220.5	220.1
75°	218.4	229.8	242.2	253.1	262.6	268.4	272.4	275.8	278.6	279.3	279.0
72.5°	274.6	288.5	299.7	308.9	316.9	323.1	328.2	332.5	336.0	337.4	337.6
70°	329.7	343.5	354.1	363.5	371.3	377.8	383.9	389.0	393.3	396.5	398.8
67.5°	385.7	401.4	412.3	420.8	427.5	434.2	442.3	449.3	455.1	459.0	461.0
65°	443.1	459.3	469.8	479.1	487.2	495.8	504.8	511.4	515.7	518.4	520.2
62.5°	498.6	513.8	527.0	539.3	551.1	560.9	567.1	572.6	577.3	581.2	584.2
60°	546.3	565.7	580.5	592.3	603.8	614.9	622.5	628.5	633.2	636.6	638.8
57.5°	587.1	606.8	624.2	635.7	648.2	661.5	670.3	675.3	680.0	683.9	685.8
55°	622.7	640.9	657.0	672.7	686.7	698.6	707.9	714.7	720.4	724.9	726.4
52.5°	654.8	674.6	693.5	710.1	723.8	735.3	744.5	752.9	759.3	763.7	765.7
50°	688.4	709.7	730.0	748.2	762.3	775.2	786.7	796.6	806.1	813.5	818.9
47.5°	721.5	744.3	766.7	786.6	803.6	822.2	838.9	853.0	866.9	878.1	885.8
45°	754.9	781.2	805.5	831.2	854.2	878.6	901.3	920.8	940.9	956.0	966.3
42.5°	792.0	821.8	851.1	883.2	914.5	946.3	980.6	1011.3	1034.9	1057.1	1075.1
40°	831.8	865.9	904.1	943.4	989.6	1031.6	1077.7	1117.3	1153.1	1190.9	1221.0
37.5°	874.2	916.8	967.0	1019.6	1079.4	1136.8	1197.0	1256.1	1307.8	1368.7	1415.2
35°	921.1	978.0	1039.7	1110.9	1185.3	1267.5	1349.9	1445.0	1526.9	1617.0	1695.5
32.5°	976.5	1044.4	1125.5	1219.4	1315.0	1439.7	1556.3	1707.7	1838.7	1981.7	2125.7
30°	1033.6	1122.3	1227.0	1345.3	1497.3	1668.8	1859.9	2085.2	2317.6	2542.4	2813.6
27.5°	1104.3	1211.4	1338.1	1511.0	1734.6	1966.4	2295.1	2633.4	3060.5	3413.7	3911.7
25°	1177.8	1303.8	1483.9	1718.9	2010.9	2413.1	2911.9	3452.6	4203.9	4864.1	5638.3
22.5°	1257.7	1427.9	1652.0	1942.0	2384.7	3002.2	3757.4	4775.2	5883.5	7060.1	8230.6
20°	1341.0	1546.9	1840.6	2261.0	2868.4	3704.7	5001.3	6572.5	8155.8	10097.3	11816.5
17.5°	1437.5	1699.5	2061.4	2587.2	3397.8	4678.8	6477.5	8671.0	11127.3	13918.9	16397.4
15°	1517.8	1830.3	2287.1	3022.7	4137.6	5782.7	8050.9	11068.4	14759.7	18508.8	22312.5
12.5°	1611.2	1972.6	2509.0	3386.2	4786.4	6972.7	10060.2	13879.6	18489.5	23689.7	29820.0
10°	1694.0	2112.3	2779.2	3864.9	5576.1	8213.9	11961.0	16555.9	22505.1	29986.9	39480.2
7.5°	1755.4	2223.5	2987.7	4229.3	6258.7	9407.2	13756.9	19486.6	27046.0	36925.8	49954.6
5°	1795.3	2304.0	3135.2	4510.4	6793.1	10295.3	15073.0	21565.2	30685.1	44658.5	66721.1
2.5°	1819.2	2351.6	3219.4	4675.2	7118.1	10883.6	16074.3	23137.0	33043.6	49437.3	77505.0
0°	1829.8	2364.9	3269.8	4762.7	7226.7	11110.9	16534.2	23853.3	34098.9	50553.8	79401.0
-2.5°	1819.2	2351.6	3219.4	4675.2	7118.1	10883.6	16074.3	23137.0	33043.6	49437.3	77505.0
-5°	1795.3	2304.0	3135.2	4510.4	6793.1	10295.3	15073.0	21565.2	30685.1	44658.5	66721.1
-7.5°	1755.4	2223.5	2987.7	4229.3	6258.7	9407.2	13756.9	19486.6	27046.0	36925.8	49954.6
-10°	1694.0	2112.3	2779.2	3864.9	5576.1	8213.9	11961.0	16555.9	22505.1	29986.9	39480.2
-12.5°	1611.2	1972.6	2509.0	3386.2	4786.4	6972.7	10060.2	13879.6	18489.5	23689.7	29820.0
-15°	1517.8	1830.3	2287.1	3022.7	4137.6	5782.7	8050.9	11068.4	14759.7	18508.8	22312.5
-17.5°	1437.5	1699.5	2061.4	2587.2	3397.8	4678.8	6477.5	8671.0	11127.3	13918.9	16397.4
-20°	1341.0	1546.9	1840.6	2261.0	2868.4	3704.7	5001.3	6572.5	8155.8	10097.3	11816.5

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627659 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1257.7	1427.9	1652.0	1942.0	2384.7	3002.2	3757.4	4775.2	5883.5	7060.1	8230.6
-25°	1177.8	1303.8	1483.9	1718.9	2010.9	2413.1	2911.9	3452.6	4203.9	4864.1	5638.3
-27.5°	1104.3	1211.4	1338.1	1511.0	1734.6	1966.4	2295.1	2633.4	3060.5	3413.7	3911.7
-30°	1033.6	1122.3	1227.0	1345.3	1497.3	1668.8	1859.9	2085.2	2317.6	2542.4	2813.6
-32.5°	976.5	1044.4	1125.5	1219.4	1315.0	1439.7	1556.3	1707.7	1838.7	1981.7	2125.7
-35°	921.1	978.0	1039.7	1110.9	1185.3	1267.5	1349.9	1445.0	1526.9	1617.0	1695.5
-37.5°	874.2	916.8	967.0	1019.6	1079.4	1136.8	1197.0	1256.1	1307.8	1368.7	1415.2
-40°	831.8	865.9	904.1	943.4	989.6	1031.6	1077.7	1117.3	1153.1	1190.9	1221.0
-42.5°	792.0	821.8	851.1	883.2	914.5	946.3	980.6	1011.3	1034.9	1057.1	1075.1
-45°	754.9	781.2	805.5	831.2	854.2	878.6	901.3	920.8	940.9	956.0	966.3
-47.5°	721.5	744.3	766.7	786.6	803.6	822.2	838.9	853.0	866.9	878.1	885.8
-50°	688.4	709.7	730.0	748.2	762.3	775.2	786.7	796.6	806.1	813.5	818.9
-52.5°	654.8	674.6	693.5	710.1	723.8	735.3	744.5	752.9	759.3	763.7	765.7
-55°	622.7	640.9	657.0	672.7	686.7	698.6	707.9	714.7	720.4	724.9	726.4
-57.5°	587.1	606.8	624.2	635.7	648.2	661.5	670.3	675.3	680.0	683.9	685.8
-60°	546.3	565.7	580.5	592.3	603.8	614.9	622.5	628.5	633.2	636.6	638.8
-62.5°	498.6	513.8	527.0	539.3	551.1	560.9	567.1	572.6	577.3	581.2	584.2
-65°	443.1	459.3	469.8	479.1	487.2	495.8	504.8	511.4	515.7	518.4	520.2
-67.5°	385.7	401.4	412.3	420.8	427.5	434.2	442.3	449.3	455.1	459.0	461.0
-70°	329.7	343.5	354.1	363.5	371.3	377.8	383.9	389.0	393.3	396.5	398.8
-72.5°	274.6	288.5	299.7	308.9	316.9	323.1	328.2	332.5	336.0	337.4	337.6
-75°	218.4	229.8	242.2	253.1	262.6	268.4	272.4	275.8	278.6	279.3	279.0
-77.5°	170.2	178.9	188.1	197.1	205.9	211.0	214.6	217.6	220.0	220.5	220.1
-80°	126.6	132.3	138.0	143.6	149.1	152.4	154.9	156.7	158.0	158.5	158.7
-82.5°	87.0	90.5	93.6	96.6	99.2	101.7	103.9	105.9	107.6	107.4	106.9
-85°	51.7	53.6	55.4	57.1	58.6	60.0	61.3	62.4	63.4	62.6	61.6
-87.5°	21.6	22.3	22.9	23.4	23.9	24.4	24.8	25.2	25.5	24.2	22.8
-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: P627659 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-NR-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°	21.3	19.7	19.8	19.8	19.8	19.7	21.3	22.8	24.2	25.5	25.2
85°	60.5	59.2	59.4	59.5	59.4	59.2	60.5	61.6	62.6	63.4	62.4
82.5°	106.2	105.2	105.6	105.7	105.6	105.2	106.2	106.9	107.4	107.6	105.9
80°	158.4	157.7	155.1	151.9	155.1	157.7	158.4	158.7	158.5	158.0	156.7
77.5°	218.9	217.0	214.5	211.4	214.5	217.0	218.9	220.1	220.5	220.0	217.6
75°	278.0	276.2	277.0	277.4	277.0	276.2	278.0	279.0	279.3	278.6	275.8
72.5°	337.0	335.6	336.5	336.9	336.5	335.6	337.0	337.6	337.4	336.0	332.5
70°	400.4	401.1	399.4	396.3	399.4	401.1	400.4	398.8	396.5	393.3	389.0
67.5°	461.5	460.8	458.8	455.8	458.8	460.8	461.5	461.0	459.0	455.1	449.3
65°	520.8	520.2	521.3	521.9	521.3	520.2	520.8	520.2	518.4	515.7	511.4
62.5°	585.7	585.7	584.3	581.3	584.3	585.7	585.7	584.2	581.2	577.3	572.6
60°	639.6	639.2	637.3	634.2	637.3	639.2	639.6	638.8	636.6	633.2	628.5
57.5°	686.4	685.7	683.7	680.4	683.7	685.7	686.4	685.8	683.9	680.0	675.3
55°	726.6	725.6	723.4	720.0	723.4	725.6	726.6	726.4	724.9	720.4	714.7
52.5°	766.2	765.4	765.6	766.3	765.6	765.4	766.2	765.7	763.7	759.3	752.9
50°	822.2	823.4	822.4	819.1	822.4	823.4	822.2	818.9	813.5	806.1	796.6
47.5°	889.5	889.9	888.4	885.2	888.4	889.9	889.5	885.8	878.1	866.9	853.0
45°	974.3	979.1	980.3	977.7	980.3	979.1	974.3	966.3	956.0	940.9	920.8
42.5°	1089.0	1096.5	1098.7	1096.6	1098.7	1096.5	1089.0	1075.1	1057.1	1034.9	1011.3
40°	1239.5	1248.1	1249.7	1248.5	1249.7	1248.1	1239.5	1221.0	1190.9	1153.1	1117.3
37.5°	1447.9	1468.7	1478.5	1479.7	1478.5	1468.7	1447.9	1415.2	1368.7	1307.8	1256.1
35°	1755.4	1796.9	1819.1	1829.8	1819.1	1796.9	1755.4	1695.5	1617.0	1526.9	1445.0
32.5°	2234.8	2317.9	2363.9	2358.3	2363.9	2317.9	2234.8	2125.7	1981.7	1838.7	1707.7
30°	3018.0	3163.2	3236.3	3217.0	3236.3	3163.2	3018.0	2813.6	2542.4	2317.6	2085.2
27.5°	4269.3	4531.9	4683.7	4663.7	4683.7	4531.9	4269.3	3911.7	3413.7	3060.5	2633.4
25°	6285.6	6764.7	7071.4	6995.5	7071.4	6764.7	6285.6	5638.3	4864.1	4203.9	3452.6
22.5°	9352.7	10164.3	10701.5	10635.2	10701.5	10164.3	9352.7	8230.6	7060.1	5883.5	4775.2
20°	13559.8	14795.3	15677.5	15794.3	15677.5	14795.3	13559.8	11816.5	10097.3	8155.8	6572.5
17.5°	19074.6	21033.6	22397.1	22624.7	22397.1	21033.6	19074.6	16397.4	13918.9	11127.3	8671.0
15°	26241.9	29443.6	31760.8	31952.0	31760.8	29443.6	26241.9	22312.5	18508.8	14759.7	11068.4
12.5°	35974.0	42413.5	46616.1	48466.3	46616.1	42413.5	35974.0	29820.0	23689.7	18489.5	13879.6
10°	49442.7	64233.8	73706.4	77267.4	73706.4	64233.8	49442.7	39480.2	29986.9	22505.1	16555.9
7.5°	71939.4	95162.0	120979.3	131982.8	120979.3	95162.0	71939.4	49954.6	36925.8	27046.0	19486.6
5°	97415.3	145611.3	191454.3	209355.9	191454.3	145611.3	97415.3	66721.1	44658.5	30685.1	21565.2
2.5°	124222.4	191400.6	254351.8	278970.5	254351.8	191400.6	124222.4	77505.0	49437.3	33043.6	23137.0
0°	134691.2	211449.9	280711.1	308316.5	280711.1	211449.9	134691.2	79401.0	50553.8	34098.9	23853.3
-2.5°	124222.4	191400.6	254351.8	278970.5	254351.8	191400.6	124222.4	77505.0	49437.3	33043.6	23137.0
-5°	97415.3	145611.3	191454.3	209355.9	191454.3	145611.3	97415.3	66721.1	44658.5	30685.1	21565.2
-7.5°	71939.4	95162.0	120979.3	131982.8	120979.3	95162.0	71939.4	49954.6	36925.8	27046.0	19486.6
-10°	49442.7	64233.8	73706.4	77267.4	73706.4	64233.8	49442.7	39480.2	29986.9	22505.1	16555.9
-12.5°	35974.0	42413.5	46616.1	48466.3	46616.1	42413.5	35974.0	29820.0	23689.7	18489.5	13879.6
-15°	26241.9	29443.6	31760.8	31952.0	31760.8	29443.6	26241.9	22312.5	18508.8	14759.7	11068.4
-17.5°	19074.6	21033.6	22397.1	22624.7	22397.1	21033.6	19074.6	16397.4	13918.9	11127.3	8671.0
-20°	13559.8	14795.3	15677.5	15794.3	15677.5	14795.3	13559.8	11816.5	10097.3	8155.8	6572.5

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627659 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9352.7	10164.3	10701.5	10635.2	10701.5	10164.3	9352.7	8230.6	7060.1	5883.5	4775.2
-25°	6285.6	6764.7	7071.4	6995.5	7071.4	6764.7	6285.6	5638.3	4864.1	4203.9	3452.6
-27.5°	4269.3	4531.9	4683.7	4663.7	4683.7	4531.9	4269.3	3911.7	3413.7	3060.5	2633.4
-30°	3018.0	3163.2	3236.3	3217.0	3236.3	3163.2	3018.0	2813.6	2542.4	2317.6	2085.2
-32.5°	2234.8	2317.9	2363.9	2358.3	2363.9	2317.9	2234.8	2125.7	1981.7	1838.7	1707.7
-35°	1755.4	1796.9	1819.1	1829.8	1819.1	1796.9	1755.4	1695.5	1617.0	1526.9	1445.0
-37.5°	1447.9	1468.7	1478.5	1479.7	1478.5	1468.7	1447.9	1415.2	1368.7	1307.8	1256.1
-40°	1239.5	1248.1	1249.7	1248.5	1249.7	1248.1	1239.5	1221.0	1190.9	1153.1	1117.3
-42.5°	1089.0	1096.5	1098.7	1096.6	1098.7	1096.5	1089.0	1075.1	1057.1	1034.9	1011.3
-45°	974.3	979.1	980.3	977.7	980.3	979.1	974.3	966.3	956.0	940.9	920.8
-47.5°	889.5	889.9	888.4	885.2	888.4	889.9	889.5	885.8	878.1	866.9	853.0
-50°	822.2	823.4	822.4	819.1	822.4	823.4	822.2	818.9	813.5	806.1	796.6
-52.5°	766.2	765.4	765.6	766.3	765.6	765.4	766.2	765.7	763.7	759.3	752.9
-55°	726.6	725.6	723.4	720.0	723.4	725.6	726.6	726.4	724.9	720.4	714.7
-57.5°	686.4	685.7	683.7	680.4	683.7	685.7	686.4	685.8	683.9	680.0	675.3
-60°	639.6	639.2	637.3	634.2	637.3	639.2	639.6	638.8	636.6	633.2	628.5
-62.5°	585.7	585.7	584.3	581.3	584.3	585.7	585.7	584.2	581.2	577.3	572.6
-65°	520.8	520.2	521.3	521.9	521.3	520.2	520.8	520.2	518.4	515.7	511.4
-67.5°	461.5	460.8	458.8	455.8	458.8	460.8	461.5	461.0	459.0	455.1	449.3
-70°	400.4	401.1	399.4	396.3	399.4	401.1	400.4	398.8	396.5	393.3	389.0
-72.5°	337.0	335.6	336.5	336.9	336.5	335.6	337.0	337.6	337.4	336.0	332.5
-75°	278.0	276.2	277.0	277.4	277.0	276.2	278.0	279.0	279.3	278.6	275.8
-77.5°	218.9	217.0	214.5	211.4	214.5	217.0	218.9	220.1	220.5	220.0	217.6
-80°	158.4	157.7	155.1	151.9	155.1	157.7	158.4	158.7	158.5	158.0	156.7
-82.5°	106.2	105.2	105.6	105.7	105.6	105.2	106.2	106.9	107.4	107.6	105.9
-85°	60.5	59.2	59.4	59.5	59.4	59.2	60.5	61.6	62.6	63.4	62.4
-87.5°	21.3	19.7	19.8	19.8	19.8	19.7	21.3	22.8	24.2	25.5	25.2
-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: P627659 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-NR-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°	24.8	24.4	23.9	23.4	22.9	22.3	21.6	20.9	20.2	19.5	18.7
85°	61.3	60.0	58.6	57.1	55.4	53.6	51.7	48.7	45.7	42.8	40.1
82.5°	103.9	101.7	99.2	96.6	93.6	90.5	87.0	82.4	77.3	71.7	65.9
80°	154.9	152.4	149.1	143.6	138.0	132.3	126.6	121.1	115.3	109.3	102.9
77.5°	214.6	211.0	205.9	197.1	188.1	178.9	170.2	162.7	155.5	147.8	139.8
75°	272.4	268.4	262.6	253.1	242.2	229.8	218.4	209.1	199.3	188.9	178.1
72.5°	328.2	323.1	316.9	308.9	299.7	288.5	274.6	259.8	245.6	232.1	219.3
70°	383.9	377.8	371.3	363.5	354.1	343.5	329.7	313.0	294.0	275.4	261.5
67.5°	442.3	434.2	427.5	420.8	412.3	401.4	385.7	368.4	349.6	328.2	308.4
65°	504.8	495.8	487.2	479.1	469.8	459.3	443.1	424.1	403.7	382.3	359.9
62.5°	567.1	560.9	551.1	539.3	527.0	513.8	498.6	479.9	458.1	433.2	408.6
60°	622.5	614.9	603.8	592.3	580.5	565.7	546.3	529.1	514.4	486.3	456.8
57.5°	670.3	661.5	648.2	635.7	624.2	606.8	587.1	567.7	548.6	529.1	503.8
55°	707.9	698.6	686.7	672.7	657.0	640.9	622.7	602.0	581.8	563.9	540.6
52.5°	744.5	735.3	723.8	710.1	693.5	674.6	654.8	634.2	615.2	596.9	575.9
50°	786.7	775.2	762.3	748.2	730.0	709.7	688.4	666.2	646.8	628.0	608.1
47.5°	838.9	822.2	803.6	786.6	766.7	744.3	721.5	699.3	678.0	656.0	635.9
45°	901.3	878.6	854.2	831.2	805.5	781.2	754.9	731.8	708.9	685.1	660.4
42.5°	980.6	946.3	914.5	883.2	851.1	821.8	792.0	764.9	739.2	713.8	687.1
40°	1077.7	1031.6	989.6	943.4	904.1	865.9	831.8	797.8	769.3	741.7	712.3
37.5°	1197.0	1136.8	1079.4	1019.6	967.0	916.8	874.2	835.1	797.9	767.8	736.9
35°	1349.9	1267.5	1185.3	1110.9	1039.7	978.0	921.1	874.2	831.8	792.9	760.4
32.5°	1556.3	1439.7	1315.0	1219.4	1125.5	1044.4	976.5	916.8	865.9	821.8	782.9
30°	1859.9	1668.8	1497.3	1345.3	1227.0	1122.3	1033.6	964.6	904.1	851.1	805.5
27.5°	2295.1	1966.4	1734.6	1511.0	1338.1	1211.4	1104.3	1013.7	942.6	883.2	830.8
25°	2911.9	2413.1	2010.9	1718.9	1483.9	1303.8	1177.8	1072.8	985.8	914.2	851.1
22.5°	3757.4	3002.2	2384.7	1942.0	1652.0	1427.9	1257.7	1131.1	1025.2	941.3	872.8
20°	5001.3	3704.7	2868.4	2261.0	1840.6	1546.9	1341.0	1192.0	1069.5	969.5	891.7
17.5°	6477.5	4678.8	3397.8	2587.2	2061.4	1699.5	1437.5	1248.0	1109.8	994.0	907.1
15°	8050.9	5782.7	4137.6	3022.7	2287.1	1830.3	1517.8	1297.6	1148.2	1021.1	926.1
12.5°	10060.2	6972.7	4786.4	3386.2	2509.0	1972.6	1611.2	1360.6	1186.0	1050.3	946.0
10°	11961.0	8213.9	5576.1	3864.9	2779.2	2112.3	1694.0	1408.9	1215.2	1073.5	962.1
7.5°	13756.9	9407.2	6258.7	4229.3	2987.7	2223.5	1755.4	1443.9	1236.0	1089.8	974.4
5°	15073.0	10295.3	6793.1	4510.4	3135.2	2304.0	1795.3	1465.6	1248.3	1099.3	982.9
2.5°	16074.3	10883.6	7118.1	4675.2	3219.4	2351.6	1819.2	1482.2	1260.4	1107.0	992.1
0°	16534.2	11110.9	7226.7	4762.7	3269.8	2364.9	1829.8	1492.9	1268.3	1109.8	997.5
-2.5°	16074.3	10883.6	7118.1	4675.2	3219.4	2351.6	1819.2	1482.2	1260.4	1107.0	992.1
-5°	15073.0	10295.3	6793.1	4510.4	3135.2	2304.0	1795.3	1465.6	1248.3	1099.3	982.9
-7.5°	13756.9	9407.2	6258.7	4229.3	2987.7	2223.5	1755.4	1443.9	1236.0	1089.8	974.4
-10°	11961.0	8213.9	5576.1	3864.9	2779.2	2112.3	1694.0	1408.9	1215.2	1073.5	962.1
-12.5°	10060.2	6972.7	4786.4	3386.2	2509.0	1972.6	1611.2	1360.6	1186.0	1050.3	946.0
-15°	8050.9	5782.7	4137.6	3022.7	2287.1	1830.3	1517.8	1297.6	1148.2	1021.1	926.1
-17.5°	6477.5	4678.8	3397.8	2587.2	2061.4	1699.5	1437.5	1248.0	1109.8	994.0	907.1
-20°	5001.3	3704.7	2868.4	2261.0	1840.6	1546.9	1341.0	1192.0	1069.5	969.5	891.7



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REPORT NUMBER: P627659 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3757.4	3002.2	2384.7	1942.0	1652.0	1427.9	1257.7	1131.1	1025.2	941.3	872.8
-25°	2911.9	2413.1	2010.9	1718.9	1483.9	1303.8	1177.8	1072.8	985.8	914.2	851.1
-27.5°	2295.1	1966.4	1734.6	1511.0	1338.1	1211.4	1104.3	1013.7	942.6	883.2	830.8
-30°	1859.9	1668.8	1497.3	1345.3	1227.0	1122.3	1033.6	964.6	904.1	851.1	805.5
-32.5°	1556.3	1439.7	1315.0	1219.4	1125.5	1044.4	976.5	916.8	865.9	821.8	782.9
-35°	1349.9	1267.5	1185.3	1110.9	1039.7	978.0	921.1	874.2	831.8	792.9	760.4
-37.5°	1197.0	1136.8	1079.4	1019.6	967.0	916.8	874.2	835.1	797.9	767.8	736.9
-40°	1077.7	1031.6	989.6	943.4	904.1	865.9	831.8	797.8	769.3	741.7	712.3
-42.5°	980.6	946.3	914.5	883.2	851.1	821.8	792.0	764.9	739.2	713.8	687.1
-45°	901.3	878.6	854.2	831.2	805.5	781.2	754.9	731.8	708.9	685.1	660.4
-47.5°	838.9	822.2	803.6	786.6	766.7	744.3	721.5	699.3	678.0	656.0	635.9
-50°	786.7	775.2	762.3	748.2	730.0	709.7	688.4	666.2	646.8	628.0	608.1
-52.5°	744.5	735.3	723.8	710.1	693.5	674.6	654.8	634.2	615.2	596.9	575.9
-55°	707.9	698.6	686.7	672.7	657.0	640.9	622.7	602.0	581.8	563.9	540.6
-57.5°	670.3	661.5	648.2	635.7	624.2	606.8	587.1	567.7	548.6	529.1	503.8
-60°	622.5	614.9	603.8	592.3	580.5	565.7	546.3	529.1	514.4	486.3	456.8
-62.5°	567.1	560.9	551.1	539.3	527.0	513.8	498.6	479.9	458.1	433.2	408.6
-65°	504.8	495.8	487.2	479.1	469.8	459.3	443.1	424.1	403.7	382.3	359.9
-67.5°	442.3	434.2	427.5	420.8	412.3	401.4	385.7	368.4	349.6	328.2	308.4
-70°	383.9	377.8	371.3	363.5	354.1	343.5	329.7	313.0	294.0	275.4	261.5
-72.5°	328.2	323.1	316.9	308.9	299.7	288.5	274.6	259.8	245.6	232.1	219.3
-75°	272.4	268.4	262.6	253.1	242.2	229.8	218.4	209.1	199.3	188.9	178.1
-77.5°	214.6	211.0	205.9	197.1	188.1	178.9	170.2	162.7	155.5	147.8	139.8
-80°	154.9	152.4	149.1	143.6	138.0	132.3	126.6	121.1	115.3	109.3	102.9
-82.5°	103.9	101.7	99.2	96.6	93.6	90.5	87.0	82.4	77.3	71.7	65.9
-85°	61.3	60.0	58.6	57.1	55.4	53.6	51.7	48.7	45.7	42.8	40.1
-87.5°	24.8	24.4	23.9	23.4	22.9	22.3	21.6	20.9	20.2	19.5	18.7
-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: P627659 (CONVERTED FROM TYPE C PHOTOMETRY)

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**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°	17.8	17.0	16.1	15.1	14.2	13.2	12.2	11.2	10.1	9.0	7.9
85°	38.6	36.8	34.7	32.2	29.3	26.4	24.4	22.3	20.2	18.0	15.9
82.5°	62.5	60.2	57.8	54.9	50.6	46.1	41.6	36.9	32.2	27.3	23.8
80°	96.8	90.8	85.1	79.3	72.6	65.8	59.7	53.5	47.2	40.8	34.2
77.5°	131.5	122.8	113.8	105.5	97.1	88.5	79.7	70.7	62.1	54.1	46.0
75°	166.8	156.2	145.4	134.2	122.7	111.1	100.5	89.7	78.7	67.6	57.6
72.5°	206.1	192.3	178.1	163.7	150.3	136.5	122.5	108.6	95.8	82.8	69.6
70°	247.0	230.1	213.1	196.9	179.8	161.9	145.8	129.4	112.7	97.8	82.8
67.5°	289.9	272.6	252.7	231.1	211.7	191.5	169.8	150.5	131.8	112.7	95.8
65°	337.0	315.4	294.6	269.7	245.2	221.7	198.1	172.6	150.5	129.4	108.6
62.5°	383.0	356.9	332.0	306.5	279.8	252.7	226.1	197.4	169.6	145.8	122.5
60°	428.5	399.6	368.6	339.6	311.8	283.3	253.0	221.5	190.9	161.9	136.5
57.5°	471.7	441.4	406.5	372.4	341.1	311.3	279.0	244.8	211.6	179.4	150.2
55°	512.0	478.2	441.9	404.9	369.7	337.0	303.5	267.2	231.5	196.9	163.3
52.5°	549.1	513.7	475.0	435.8	397.3	361.7	326.3	288.7	250.6	213.7	177.5
50°	583.6	549.0	507.8	465.7	423.6	386.0	348.8	309.4	268.9	229.8	191.4
47.5°	613.5	580.7	540.9	495.3	450.4	409.9	370.9	329.6	286.2	245.0	204.8
45°	637.9	610.0	571.7	525.9	477.7	434.8	392.6	349.4	304.0	259.8	217.7
42.5°	660.6	634.6	600.0	555.8	505.8	459.3	413.8	368.6	321.3	273.8	230.0
40°	683.7	656.2	626.3	581.8	532.1	482.8	435.1	387.3	338.0	287.7	241.7
37.5°	705.3	676.7	646.4	605.9	555.7	504.9	455.5	405.4	353.6	301.5	252.8
35°	727.2	695.1	663.9	624.9	576.3	525.1	474.9	422.9	368.3	314.4	263.3
32.5°	748.2	712.3	678.5	640.4	595.1	543.2	492.3	438.0	382.0	326.3	273.1
30°	767.3	728.3	692.6	655.3	611.1	559.0	507.0	451.8	394.8	337.1	282.4
27.5°	782.6	741.6	706.0	668.2	623.9	573.2	519.9	464.1	406.5	347.1	291.2
25°	797.8	753.9	716.7	679.9	635.9	587.6	531.9	475.1	416.9	356.6	299.1
22.5°	814.7	765.3	725.1	691.0	648.2	601.4	543.3	484.6	425.8	365.1	306.1
20°	829.6	775.2	731.4	699.7	658.0	611.7	554.1	493.2	433.5	372.6	312.2
17.5°	842.8	785.7	739.7	704.9	665.6	620.5	564.1	500.9	440.0	379.2	317.5
15°	856.5	796.8	747.1	709.1	671.8	627.9	573.1	507.5	445.2	384.8	322.2
12.5°	868.7	805.8	753.0	712.3	676.5	633.9	581.2	512.9	449.3	389.4	326.5
10°	878.9	812.8	757.4	714.5	679.8	638.5	588.0	518.2	453.7	393.0	330.1
7.5°	886.8	817.6	760.3	715.8	682.1	642.2	593.8	524.3	457.4	395.4	333.0
5°	892.6	821.4	764.8	719.9	684.8	645.1	597.9	529.2	460.1	396.8	335.1
2.5°	896.9	824.7	769.6	723.7	686.4	646.8	600.3	532.8	461.8	397.0	336.5
0°	898.4	825.7	772.9	726.6	687.0	647.4	601.1	535.1	462.4	396.3	336.9
-2.5°	896.9	824.7	769.6	723.7	686.4	646.8	600.3	532.8	461.8	397.0	336.5
-5°	892.6	821.4	764.8	719.9	684.8	645.1	597.9	529.2	460.1	396.8	335.1
-7.5°	886.8	817.6	760.3	715.8	682.1	642.2	593.8	524.3	457.4	395.4	333.0
-10°	878.9	812.8	757.4	714.5	679.8	638.5	588.0	518.2	453.7	393.0	330.1
-12.5°	868.7	805.8	753.0	712.3	676.5	633.9	581.2	512.9	449.3	389.4	326.5
-15°	856.5	796.8	747.1	709.1	671.8	627.9	573.1	507.5	445.2	384.8	322.2
-17.5°	842.8	785.7	739.7	704.9	665.6	620.5	564.1	500.9	440.0	379.2	317.5
-20°	829.6	775.2	731.4	699.7	658.0	611.7	554.1	493.2	433.5	372.6	312.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627659 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	814.7	765.3	725.1	691.0	648.2	601.4	543.3	484.6	425.8	365.1	306.1
-25°	797.8	753.9	716.7	679.9	635.9	587.6	531.9	475.1	416.9	356.6	299.1
-27.5°	782.6	741.6	706.0	668.2	623.9	573.2	519.9	464.1	406.5	347.1	291.2
-30°	767.3	728.3	692.6	655.3	611.1	559.0	507.0	451.8	394.8	337.1	282.4
-32.5°	748.2	712.3	678.5	640.4	595.1	543.2	492.3	438.0	382.0	326.3	273.1
-35°	727.2	695.1	663.9	624.9	576.3	525.1	474.9	422.9	368.3	314.4	263.3
-37.5°	705.3	676.7	646.4	605.9	555.7	504.9	455.5	405.4	353.6	301.5	252.8
-40°	683.7	656.2	626.3	581.8	532.1	482.8	435.1	387.3	338.0	287.7	241.7
-42.5°	660.6	634.6	600.0	555.8	505.8	459.3	413.8	368.6	321.3	273.8	230.0
-45°	637.9	610.0	571.7	525.9	477.7	434.8	392.6	349.4	304.0	259.8	217.7
-47.5°	613.5	580.7	540.9	495.3	450.4	409.9	370.9	329.6	286.2	245.0	204.8
-50°	583.6	549.0	507.8	465.7	423.6	386.0	348.8	309.4	268.9	229.8	191.4
-52.5°	549.1	513.7	475.0	435.8	397.3	361.7	326.3	288.7	250.6	213.7	177.5
-55°	512.0	478.2	441.9	404.9	369.7	337.0	303.5	267.2	231.5	196.9	163.3
-57.5°	471.7	441.4	406.5	372.4	341.1	311.3	279.0	244.8	211.6	179.4	150.2
-60°	428.5	399.6	368.6	339.6	311.8	283.3	253.0	221.5	190.9	161.9	136.5
-62.5°	383.0	356.9	332.0	306.5	279.8	252.7	226.1	197.4	169.6	145.8	122.5
-65°	337.0	315.4	294.6	269.7	245.2	221.7	198.1	172.6	150.5	129.4	108.6
-67.5°	289.9	272.6	252.7	231.1	211.7	191.5	169.8	150.5	131.8	112.7	95.8
-70°	247.0	230.1	213.1	196.9	179.8	161.9	145.8	129.4	112.7	97.8	82.8
-72.5°	206.1	192.3	178.1	163.7	150.3	136.5	122.5	108.6	95.8	82.8	69.6
-75°	166.8	156.2	145.4	134.2	122.7	111.1	100.5	89.7	78.7	67.6	57.6
-77.5°	131.5	122.8	113.8	105.5	97.1	88.5	79.7	70.7	62.1	54.1	46.0
-80°	96.8	90.8	85.1	79.3	72.6	65.8	59.7	53.5	47.2	40.8	34.2
-82.5°	62.5	60.2	57.8	54.9	50.6	46.1	41.6	36.9	32.2	27.3	23.8
-85°	38.6	36.8	34.7	32.2	29.3	26.4	24.4	22.3	20.2	18.0	15.9
-87.5°	17.8	17.0	16.1	15.1	14.2	13.2	12.2	11.2	10.1	9.0	7.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627659 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-NR-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°	6.8	5.7	4.6	3.4	2.3	1.0	0.0
85°	13.6	11.4	9.2	6.9	4.6	2.0	0.0
82.5°	20.4	17.1	13.7	10.3	6.9	3.0	0.0
80°	27.6	22.7	18.2	13.7	9.1	4.0	0.0
77.5°	37.6	29.2	22.7	17.1	11.3	5.0	0.0
75°	47.5	37.1	27.5	20.4	13.5	5.9	0.0
72.5°	57.2	45.0	33.5	23.8	15.7	6.9	0.0
70°	67.0	52.6	39.4	27.2	17.8	7.8	0.0
67.5°	78.0	60.1	45.2	31.4	19.8	8.7	0.0
65°	88.9	68.3	50.9	35.5	21.8	9.6	0.0
62.5°	99.5	77.1	56.3	39.5	23.7	10.5	0.0
60°	109.8	85.8	61.7	43.3	25.5	11.3	0.0
57.5°	121.2	94.2	68.3	47.1	27.9	12.1	0.0
55°	132.5	102.4	74.9	50.7	30.2	12.9	0.0
52.5°	143.4	110.5	81.2	54.2	32.5	13.6	0.0
50°	153.9	119.3	87.3	57.5	34.7	14.3	0.0
47.5°	164.2	127.7	93.2	61.0	36.9	15.0	0.0
45°	175.3	135.8	98.8	65.2	39.0	15.6	0.0
42.5°	185.8	143.6	104.2	69.2	41.0	16.2	0.0
40°	195.8	150.9	109.7	73.1	42.9	16.8	0.0
37.5°	205.3	157.9	115.3	76.9	44.7	17.3	0.0
35°	214.3	165.0	120.5	80.5	46.5	17.8	0.0
32.5°	222.7	172.0	125.4	83.9	48.2	18.2	0.0
30°	230.5	178.5	130.0	87.0	49.7	18.6	0.0
27.5°	237.7	184.5	134.4	90.0	51.2	18.9	0.0
25°	244.3	190.0	138.5	92.6	52.6	19.2	0.0
22.5°	250.3	194.9	142.3	95.1	53.8	19.5	0.0
20°	255.6	199.2	145.6	97.3	55.0	19.7	0.0
17.5°	260.0	202.8	148.6	99.3	56.0	19.8	0.0
15°	263.6	205.8	151.2	101.0	56.9	20.0	0.0
12.5°	266.5	208.2	153.4	102.4	57.7	20.0	0.0
10°	268.8	210.0	155.3	103.6	58.3	20.1	0.0
7.5°	270.3	211.2	156.7	104.5	58.8	20.1	0.0
5°	271.2	211.8	157.7	105.2	59.2	20.0	0.0
2.5°	271.3	211.9	158.3	105.6	59.4	19.9	0.0
0°	270.8	211.4	158.5	105.7	59.5	19.8	0.0
-2.5°	271.3	211.9	158.3	105.6	59.4	19.9	0.0
-5°	271.2	211.8	157.7	105.2	59.2	20.0	0.0
-7.5°	270.3	211.2	156.7	104.5	58.8	20.1	0.0
-10°	268.8	210.0	155.3	103.6	58.3	20.1	0.0
-12.5°	266.5	208.2	153.4	102.4	57.7	20.0	0.0
-15°	263.6	205.8	151.2	101.0	56.9	20.0	0.0
-17.5°	260.0	202.8	148.6	99.3	56.0	19.8	0.0
-20°	255.6	199.2	145.6	97.3	55.0	19.7	0.0

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CATALOG NUMBER: GFLD-SA5C-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	250.3	194.9	142.3	95.1	53.8	19.5	0.0
-25°	244.3	190.0	138.5	92.6	52.6	19.2	0.0
-27.5°	237.7	184.5	134.4	90.0	51.2	18.9	0.0
-30°	230.5	178.5	130.0	87.0	49.7	18.6	0.0
-32.5°	222.7	172.0	125.4	83.9	48.2	18.2	0.0
-35°	214.3	165.0	120.5	80.5	46.5	17.8	0.0
-37.5°	205.3	157.9	115.3	76.9	44.7	17.3	0.0
-40°	195.8	150.9	109.7	73.1	42.9	16.8	0.0
-42.5°	185.8	143.6	104.2	69.2	41.0	16.2	0.0
-45°	175.3	135.8	98.8	65.2	39.0	15.6	0.0
-47.5°	164.2	127.7	93.2	61.0	36.9	15.0	0.0
-50°	153.9	119.3	87.3	57.5	34.7	14.3	0.0
-52.5°	143.4	110.5	81.2	54.2	32.5	13.6	0.0
-55°	132.5	102.4	74.9	50.7	30.2	12.9	0.0
-57.5°	121.2	94.2	68.3	47.1	27.9	12.1	0.0
-60°	109.8	85.8	61.7	43.3	25.5	11.3	0.0
-62.5°	99.5	77.1	56.3	39.5	23.7	10.5	0.0
-65°	88.9	68.3	50.9	35.5	21.8	9.6	0.0
-67.5°	78.0	60.1	45.2	31.4	19.8	8.7	0.0
-70°	67.0	52.6	39.4	27.2	17.8	7.8	0.0
-72.5°	57.2	45.0	33.5	23.8	15.7	6.9	0.0
-75°	47.5	37.1	27.5	20.4	13.5	5.9	0.0
-77.5°	37.6	29.2	22.7	17.1	11.3	5.0	0.0
-80°	27.6	22.7	18.2	13.7	9.1	4.0	0.0
-82.5°	20.4	17.1	13.7	10.3	6.9	3.0	0.0
-85°	13.6	11.4	9.2	6.9	4.6	2.0	0.0
-87.5°	6.8	5.7	4.6	3.4	2.3	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)