

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: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-722-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5E-722-U-WR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N111  
Light Source: (80) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

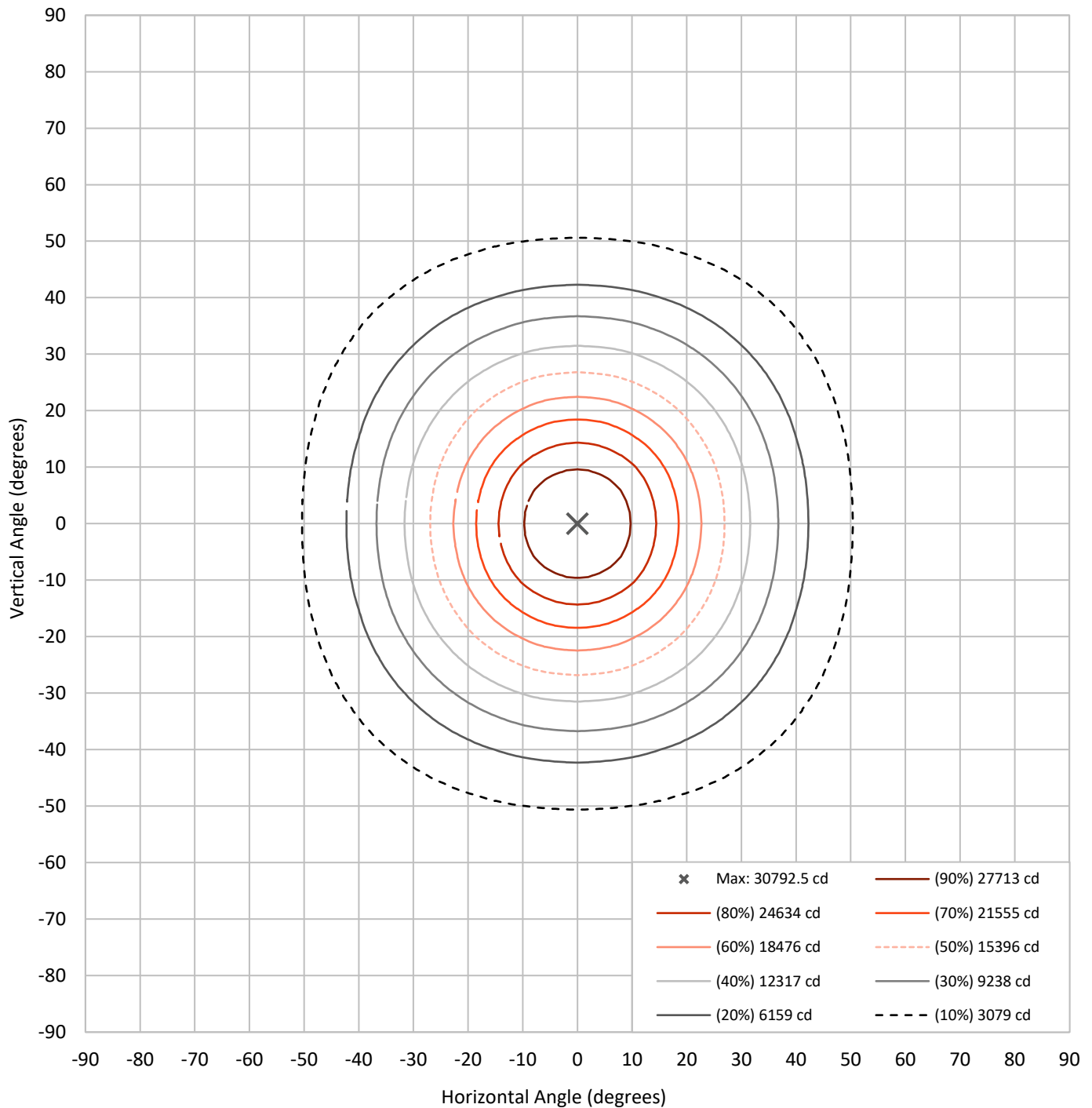
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	31339.6 lumens	Max Intensity:	30792.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	14984.7 lumens	Field Lumens:	27658.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	313.7		
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		



REPORT NUMBER: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5E-722-U-WR-XX

### Iso-Candela Plot





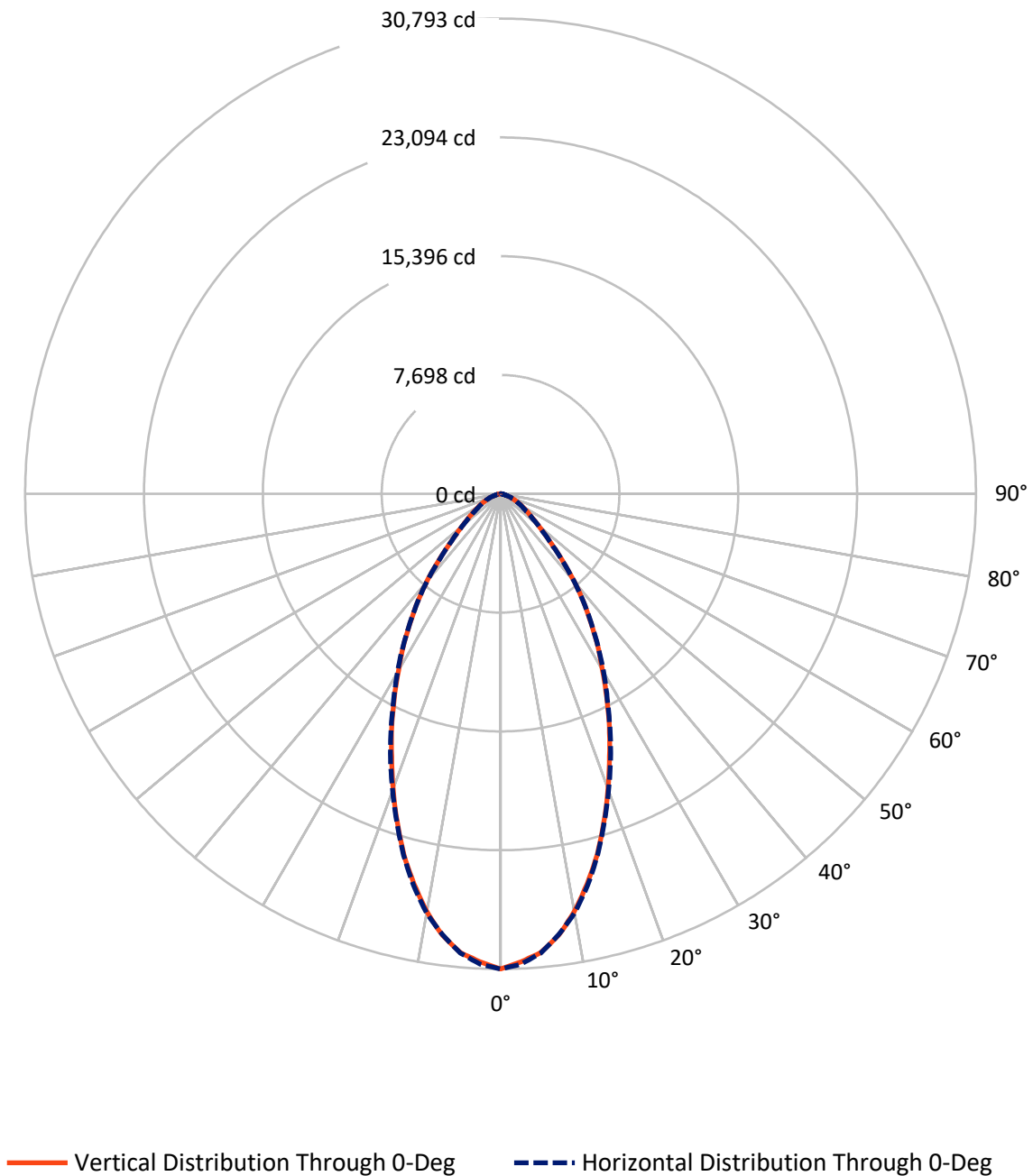
REPORT NUMBER: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-722-U-WR-XX

### Lumen Table

90																			
80	1.2	8.6		19.7		32.8		28.1		32.8		19.7		8.6		1.2			
70																			
60	4.1	4.8	9.0	14.4	20.9	27.1	31.8	34.1	34.1	31.8	27.1	20.9	14.4	9.0	4.8	4.1			
50		6.7	13.6	23.5	36.1	49.6	61.9	69.0	69.0	61.9	49.6	36.1	23.5	13.6	6.7				
40	6.0	8.6	18.8	35.1	59.2	91.0	125.4	148.4	148.4	125.4	91.0	59.2	35.1	18.8	8.6	6.0			
30		10.5	24.6	51.0	99.3	176.4	256.3	304.0	304.0	256.3	176.4	99.3	51.0	24.6	10.5				
20	7.1	12.2	30.7	71.4	160.6	288.6	413.0	493.7	493.7	413.0	288.6	160.6	71.4	30.7	12.2	7.1			
10		13.6	35.9	92.6	219.2	389.8	575.5	707.9	707.9	575.5	389.8	219.2	92.6	35.9	13.6				
0	7.5	14.3	38.9	106.4	252.3	453.1	689.6	867.2	867.2	689.6	453.1	252.3	106.4	38.9	14.3	7.5			
-10		14.3	38.9	106.4	252.3	453.1	689.6	867.2	867.2	689.6	453.1	252.3	106.4	38.9	14.3				
-20	7.1	13.6	35.9	92.6	219.2	389.8	575.5	707.9	707.9	575.5	389.8	219.2	92.6	35.9	13.6	7.1			
-30		12.2	30.7	71.4	160.6	288.6	413.0	493.7	493.7	413.0	288.6	160.6	71.4	30.7	12.2				
-40	6.0	10.5	24.6	51.0	99.3	176.4	256.3	304.0	304.0	256.3	176.4	99.3	51.0	24.6	10.5	6.0			
-50		8.6	18.8	35.1	59.2	91.0	125.4	148.4	148.4	125.4	91.0	59.2	35.1	18.8	8.6				
-60	4.1	6.7	13.6	23.5	36.1	49.6	61.9	69.0	69.0	61.9	49.6	36.1	23.5	13.6	6.7	4.1			
-70		4.8	9.0	14.4	20.9	27.1	31.8	34.1	34.1	31.8	27.1	20.9	14.4	9.0	4.8				
-80																			
-90	1.2	8.6		19.7		32.8		28.1		32.8		19.7		8.6		1.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

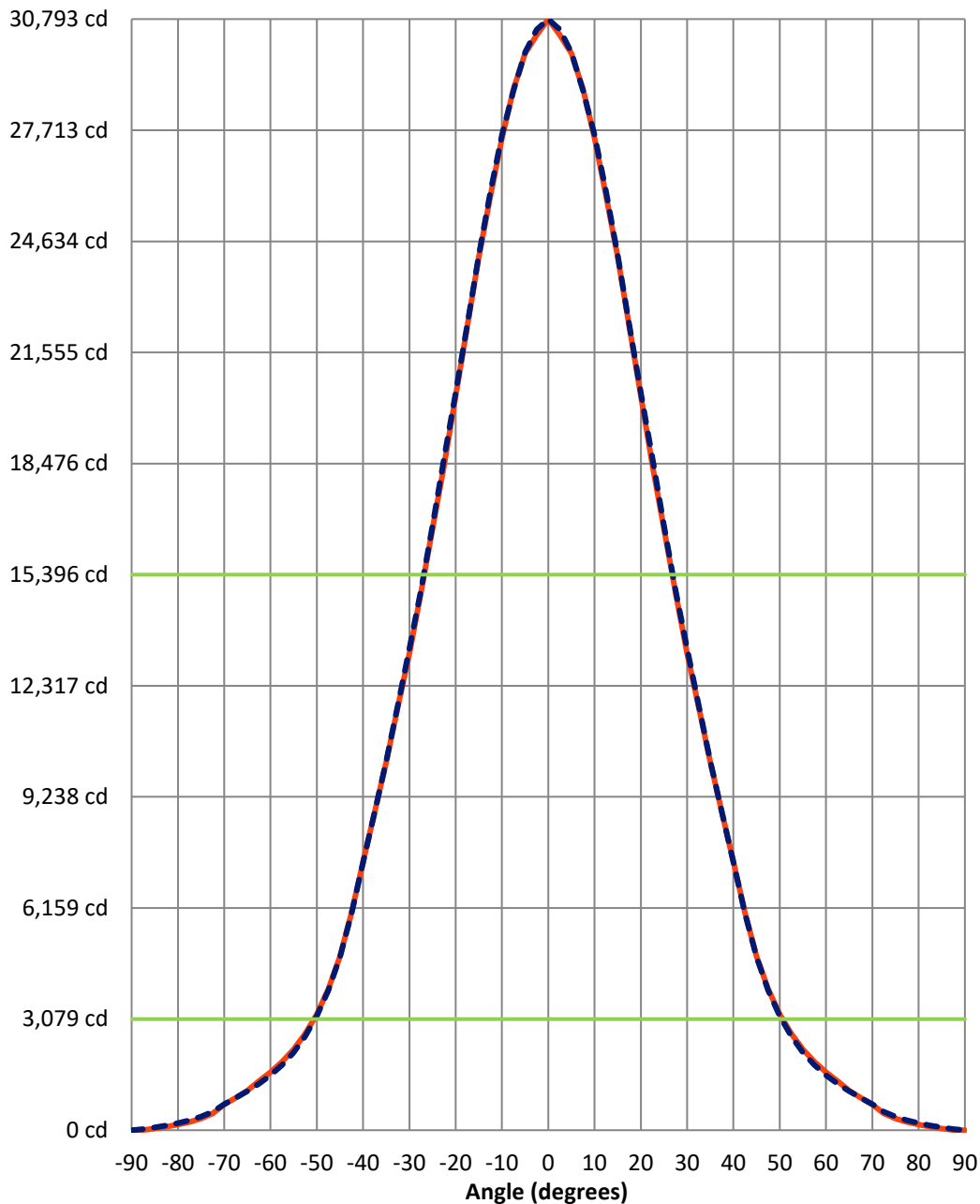
REPORT NUMBER: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5E-722-U-WR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-722-U-WR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 14984.7  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 27658.3  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 3681.3  
 Efficiency: 11.7%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-WR-XX

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	1.6	3.6	5.9	8.5	11.4	14.6	16.2	17.5	18.5	19.3
85°	0.0	3.1	7.2	11.8	17.0	22.8	29.2	32.4	35.0	37.1	38.7
82.5°	0.0	4.7	10.7	17.6	25.4	34.1	43.7	48.6	53.6	62.1	69.6
80°	0.0	6.2	14.3	23.4	33.7	45.2	59.3	73.7	86.2	97.4	107.3
77.5°	0.0	7.7	17.7	29.0	41.9	58.8	84.7	103.3	118.9	132.8	146.7
75°	0.0	9.2	21.2	34.6	50.7	76.9	109.4	132.8	151.5	170.4	190.7
72.5°	0.0	10.7	24.5	40.1	62.8	94.4	133.2	161.8	184.3	208.4	234.1
70°	0.0	12.2	27.8	45.9	74.5	111.3	155.8	189.1	216.5	245.7	280.2
67.5°	0.0	13.6	30.9	53.0	85.7	127.4	175.5	215.9	248.0	284.3	325.6
65°	0.0	15.0	34.0	59.8	96.3	142.2	194.2	242.1	279.1	321.5	368.6
62.5°	0.0	16.3	37.0	66.3	106.4	155.7	211.8	266.9	309.0	357.2	408.7
60°	0.0	17.6	39.8	72.4	115.7	168.4	228.3	290.4	337.4	391.6	447.5
57.5°	0.0	18.8	43.3	78.1	124.5	180.2	243.2	311.6	366.3	425.0	483.2
55°	0.0	20.0	46.6	83.3	132.6	191.1	257.0	328.4	394.5	456.9	517.4
52.5°	0.0	21.2	49.8	88.1	140.0	201.0	269.6	346.8	421.5	487.4	550.9
50°	0.0	22.3	52.9	92.5	146.7	210.2	281.0	364.1	447.6	517.1	587.6
47.5°	0.0	23.3	55.8	96.5	152.8	218.5	291.7	379.8	473.4	546.0	623.6
45°	0.0	24.3	58.6	100.4	158.1	225.8	303.6	393.9	491.9	577.2	658.5
42.5°	0.0	25.2	61.2	103.8	162.7	232.1	314.3	407.8	508.8	607.3	694.6
40°	0.0	26.0	63.6	107.7	166.8	237.5	323.6	421.2	525.6	635.3	729.5
37.5°	0.0	26.8	65.9	111.5	170.5	241.9	331.6	433.4	543.9	657.4	762.6
35°	0.0	27.5	68.0	115.1	173.5	246.8	338.2	444.2	561.5	681.7	796.5
32.5°	0.0	28.2	70.0	118.4	175.8	251.5	344.3	453.7	578.2	706.4	831.1
30°	0.0	28.8	71.7	121.3	177.4	255.1	351.1	462.9	594.0	731.3	863.8
27.5°	0.0	29.3	73.3	123.9	181.2	257.7	356.6	474.4	610.5	756.3	894.4
25°	0.0	29.7	74.7	126.1	184.9	259.3	360.9	484.7	629.0	780.8	923.0
22.5°	0.0	30.1	75.9	128.1	188.1	261.3	364.0	493.7	646.6	803.3	954.2
20°	0.0	30.4	76.9	129.7	190.9	266.1	365.7	501.3	663.2	823.5	982.1
17.5°	0.0	30.6	77.7	130.9	193.2	270.0	369.8	507.5	678.4	841.3	1006.7
15°	0.0	30.8	78.4	131.8	195.0	273.0	374.8	513.4	692.1	856.7	1027.8
12.5°	0.0	30.9	78.8	132.4	196.4	275.3	378.3	518.6	703.8	869.5	1045.4
10°	0.0	31.0	79.1	132.7	197.3	276.7	380.5	521.5	712.8	880.2	1059.7
7.5°	0.0	30.9	79.2	132.7	197.7	277.2	381.4	522.1	719.2	888.4	1070.8
5°	0.0	30.9	79.1	132.3	197.6	277.0	381.1	520.6	722.7	894.1	1078.1
2.5°	0.0	30.7	78.8	131.6	197.0	276.0	379.4	517.0	723.1	896.8	1081.7
0°	0.0	30.5	78.3	130.6	195.9	274.2	376.5	511.4	720.4	896.6	1081.6
-2.5°	0.0	30.7	78.8	131.6	197.0	276.0	379.4	517.0	723.1	896.8	1081.7
-5°	0.0	30.9	79.1	132.3	197.6	277.0	381.1	520.6	722.7	894.1	1078.1
-7.5°	0.0	30.9	79.2	132.7	197.7	277.2	381.4	522.1	719.2	888.4	1070.8
-10°	0.0	31.0	79.1	132.7	197.3	276.7	380.5	521.5	712.8	880.2	1059.7
-12.5°	0.0	30.9	78.8	132.4	196.4	275.3	378.3	518.6	703.8	869.5	1045.4
-15°	0.0	30.8	78.4	131.8	195.0	273.0	374.8	513.4	692.1	856.7	1027.8
-17.5°	0.0	30.6	77.7	130.9	193.2	270.0	369.8	507.5	678.4	841.3	1006.7
-20°	0.0	30.4	76.9	129.7	190.9	266.1	365.7	501.3	663.2	823.5	982.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	30.1	75.9	128.1	188.1	261.3	364.0	493.7	646.6	803.3	954.2
-25°	0.0	29.7	74.7	126.1	184.9	259.3	360.9	484.7	629.0	780.8	923.0
-27.5°	0.0	29.3	73.3	123.9	181.2	257.7	356.6	474.4	610.5	756.3	894.4
-30°	0.0	28.8	71.7	121.3	177.4	255.1	351.1	462.9	594.0	731.3	863.8
-32.5°	0.0	28.2	70.0	118.4	175.8	251.5	344.3	453.7	578.2	706.4	831.1
-35°	0.0	27.5	68.0	115.1	173.5	246.8	338.2	444.2	561.5	681.7	796.5
-37.5°	0.0	26.8	65.9	111.5	170.5	241.9	331.6	433.4	543.9	657.4	762.6
-40°	0.0	26.0	63.6	107.7	166.8	237.5	323.6	421.2	525.6	635.3	729.5
-42.5°	0.0	25.2	61.2	103.8	162.7	232.1	314.3	407.8	508.8	607.3	694.6
-45°	0.0	24.3	58.6	100.4	158.1	225.8	303.6	393.9	491.9	577.2	658.5
-47.5°	0.0	23.3	55.8	96.5	152.8	218.5	291.7	379.8	473.4	546.0	623.6
-50°	0.0	22.3	52.9	92.5	146.7	210.2	281.0	364.1	447.6	517.1	587.6
-52.5°	0.0	21.2	49.8	88.1	140.0	201.0	269.6	346.8	421.5	487.4	550.9
-55°	0.0	20.0	46.6	83.3	132.6	191.1	257.0	328.4	394.5	456.9	517.4
-57.5°	0.0	18.8	43.3	78.1	124.5	180.2	243.2	311.6	366.3	425.0	483.2
-60°	0.0	17.6	39.8	72.4	115.7	168.4	228.3	290.4	337.4	391.6	447.5
-62.5°	0.0	16.3	37.0	66.3	106.4	155.7	211.8	266.9	309.0	357.2	408.7
-65°	0.0	15.0	34.0	59.8	96.3	142.2	194.2	242.1	279.1	321.5	368.6
-67.5°	0.0	13.6	30.9	53.0	85.7	127.4	175.5	215.9	248.0	284.3	325.6
-70°	0.0	12.2	27.8	45.9	74.5	111.3	155.8	189.1	216.5	245.7	280.2
-72.5°	0.0	10.7	24.5	40.1	62.8	94.4	133.2	161.8	184.3	208.4	234.1
-75°	0.0	9.2	21.2	34.6	50.7	76.9	109.4	132.8	151.5	170.4	190.7
-77.5°	0.0	7.7	17.7	29.0	41.9	58.8	84.7	103.3	118.9	132.8	146.7
-80°	0.0	6.2	14.3	23.4	33.7	45.2	59.3	73.7	86.2	97.4	107.3
-82.5°	0.0	4.7	10.7	17.6	25.4	34.1	43.7	48.6	53.6	62.1	69.6
-85°	0.0	3.1	7.2	11.8	17.0	22.8	29.2	32.4	35.0	37.1	38.7
-87.5°	0.0	1.6	3.6	5.9	8.5	11.4	14.6	16.2	17.5	18.5	19.3
-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: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.6	19.6	19.3	18.7	17.9	16.8	15.5	13.9	14.4	15.0	15.5
85°	39.2	39.2	42.5	45.5	46.9	47.1	46.1	44.1	49.9	56.5	63.4
82.5°	76.6	83.2	89.5	95.4	96.1	94.5	91.6	88.1	99.8	113.9	128.6
80°	117.4	127.2	138.5	149.1	151.6	150.5	147.2	141.8	157.2	178.9	202.3
77.5°	163.0	178.5	193.0	206.4	210.2	209.6	207.2	202.9	222.4	252.5	283.7
75°	211.0	229.9	248.6	264.9	271.9	272.5	271.7	276.3	302.0	337.2	368.2
72.5°	261.1	285.1	306.1	324.2	335.5	344.1	355.5	369.4	395.4	429.9	460.4
70°	314.1	340.7	362.9	382.9	400.2	418.9	443.1	466.9	494.3	528.8	560.4
67.5°	366.3	393.3	418.3	443.0	474.4	504.5	534.5	565.7	600.2	636.4	668.4
65°	414.7	445.2	475.8	511.5	552.4	586.6	623.5	664.1	709.3	750.1	787.2
62.5°	461.2	495.6	533.4	576.6	620.9	663.6	713.2	765.4	818.2	869.3	920.1
60°	500.4	543.2	589.1	638.0	689.1	747.3	805.4	867.5	930.6	992.1	1054.9
57.5°	538.1	591.1	644.0	700.9	764.6	831.1	900.9	970.8	1046.2	1120.8	1192.0
55°	577.3	639.7	699.9	767.3	840.3	918.5	997.3	1082.1	1165.3	1259.2	1345.7
52.5°	619.1	687.0	757.8	834.9	920.2	1008.3	1100.8	1197.9	1301.6	1405.9	1511.6
50°	659.9	736.5	815.3	907.5	1002.9	1103.5	1210.3	1323.5	1444.2	1564.9	1692.9
47.5°	702.6	784.3	880.5	980.7	1090.0	1204.6	1325.4	1460.0	1594.1	1746.2	1893.0
45°	744.7	838.6	943.1	1059.5	1179.4	1308.4	1452.2	1600.1	1771.2	1942.9	2135.9
42.5°	785.1	893.5	1011.3	1135.7	1272.2	1420.5	1579.6	1765.5	1958.5	2171.0	2397.4
40°	831.6	945.8	1078.6	1217.7	1365.5	1535.0	1726.5	1932.9	2168.3	2420.1	2677.4
37.5°	876.5	1004.9	1144.9	1295.8	1467.4	1658.3	1869.7	2122.7	2394.4	2680.7	3030.6
35°	918.8	1061.2	1213.3	1378.5	1564.4	1785.6	2038.5	2318.0	2631.1	3000.3	3408.6
32.5°	963.6	1114.4	1277.8	1463.2	1673.6	1915.3	2202.5	2531.5	2902.1	3322.5	3833.3
30°	1008.8	1169.2	1341.9	1542.5	1776.6	2056.3	2382.6	2746.3	3172.5	3699.7	4299.4
27.5°	1050.5	1220.5	1409.6	1626.4	1876.7	2186.3	2555.6	2982.0	3484.1	4079.9	4780.5
25°	1088.9	1267.1	1471.8	1706.5	1987.1	2326.6	2727.1	3199.3	3795.9	4506.4	5368.2
22.5°	1125.5	1309.6	1528.0	1778.4	2086.6	2462.5	2913.2	3453.5	4113.0	4910.4	5943.9
20°	1159.8	1355.5	1583.8	1847.3	2175.5	2585.1	3084.3	3690.8	4441.3	5385.3	6508.5
17.5°	1190.0	1396.0	1636.7	1921.7	2274.6	2709.8	3245.7	3900.3	4733.6	5809.4	7029.4
15°	1215.9	1431.0	1682.4	1986.2	2363.8	2833.7	3415.1	4130.1	5038.5	6195.1	7486.8
12.5°	1237.5	1460.2	1720.8	2040.4	2438.8	2938.5	3559.7	4334.9	5335.4	6558.4	7888.4
10°	1254.7	1483.6	1751.7	2084.2	2499.3	3023.6	3678.9	4502.4	5582.5	6869.8	8228.1
7.5°	1269.0	1502.0	1775.5	2117.4	2545.0	3088.5	3771.7	4631.7	5775.6	7116.3	8488.8
5°	1279.3	1515.1	1793.5	2140.6	2578.6	3133.9	3836.6	4722.1	5913.0	7295.0	8667.1
2.5°	1285.0	1522.3	1803.8	2153.0	2599.2	3159.5	3870.7	4778.8	5988.5	7397.0	8774.8
0°	1286.2	1523.4	1806.3	2154.5	2605.0	3164.3	3876.0	4796.6	6004.4	7423.4	8814.0
-2.5°	1285.0	1522.3	1803.8	2153.0	2599.2	3159.5	3870.7	4778.8	5988.5	7397.0	8774.8
-5°	1279.3	1515.1	1793.5	2140.6	2578.6	3133.9	3836.6	4722.1	5913.0	7295.0	8667.1
-7.5°	1269.0	1502.0	1775.5	2117.4	2545.0	3088.5	3771.7	4631.7	5775.6	7116.3	8488.8
-10°	1254.7	1483.6	1751.7	2084.2	2499.3	3023.6	3678.9	4502.4	5582.5	6869.8	8228.1
-12.5°	1237.5	1460.2	1720.8	2040.4	2438.8	2938.5	3559.7	4334.9	5335.4	6558.4	7888.4
-15°	1215.9	1431.0	1682.4	1986.2	2363.8	2833.7	3415.1	4130.1	5038.5	6195.1	7486.8
-17.5°	1190.0	1396.0	1636.7	1921.7	2274.6	2709.8	3245.7	3900.3	4733.6	5809.4	7029.4
-20°	1159.8	1355.5	1583.8	1847.3	2175.5	2585.1	3084.3	3690.8	4441.3	5385.3	6508.5



REPORT NUMBER: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1125.5	1309.6	1528.0	1778.4	2086.6	2462.5	2913.2	3453.5	4113.0	4910.4	5943.9
-25°	1088.9	1267.1	1471.8	1706.5	1987.1	2326.6	2727.1	3199.3	3795.9	4506.4	5368.2
-27.5°	1050.5	1220.5	1409.6	1626.4	1876.7	2186.3	2555.6	2982.0	3484.1	4079.9	4780.5
-30°	1008.8	1169.2	1341.9	1542.5	1776.6	2056.3	2382.6	2746.3	3172.5	3699.7	4299.4
-32.5°	963.6	1114.4	1277.8	1463.2	1673.6	1915.3	2202.5	2531.5	2902.1	3322.5	3833.3
-35°	918.8	1061.2	1213.3	1378.5	1564.4	1785.6	2038.5	2318.0	2631.1	3000.3	3408.6
-37.5°	876.5	1004.9	1144.9	1295.8	1467.4	1658.3	1869.7	2122.7	2394.4	2680.7	3030.6
-40°	831.6	945.8	1078.6	1217.7	1365.5	1535.0	1726.5	1932.9	2168.3	2420.1	2677.4
-42.5°	785.1	893.5	1011.3	1135.7	1272.2	1420.5	1579.6	1765.5	1958.5	2171.0	2397.4
-45°	744.7	838.6	943.1	1059.5	1179.4	1308.4	1452.2	1600.1	1771.2	1942.9	2135.9
-47.5°	702.6	784.3	880.5	980.7	1090.0	1204.6	1325.4	1460.0	1594.1	1746.2	1893.0
-50°	659.9	736.5	815.3	907.5	1002.9	1103.5	1210.3	1323.5	1444.2	1564.9	1692.9
-52.5°	619.1	687.0	757.8	834.9	920.2	1008.3	1100.8	1197.9	1301.6	1405.9	1511.6
-55°	577.3	639.7	699.9	767.3	840.3	918.5	997.3	1082.1	1165.3	1259.2	1345.7
-57.5°	538.1	591.1	644.0	700.9	764.6	831.1	900.9	970.8	1046.2	1120.8	1192.0
-60°	500.4	543.2	589.1	638.0	689.1	747.3	805.4	867.5	930.6	992.1	1054.9
-62.5°	461.2	495.6	533.4	576.6	620.9	663.6	713.2	765.4	818.2	869.3	920.1
-65°	414.7	445.2	475.8	511.5	552.4	586.6	623.5	664.1	709.3	750.1	787.2
-67.5°	366.3	393.3	418.3	443.0	474.4	504.5	534.5	565.7	600.2	636.4	668.4
-70°	314.1	340.7	362.9	382.9	400.2	418.9	443.1	466.9	494.3	528.8	560.4
-72.5°	261.1	285.1	306.1	324.2	335.5	344.1	355.5	369.4	395.4	429.9	460.4
-75°	211.0	229.9	248.6	264.9	271.9	272.5	271.7	276.3	302.0	337.2	368.2
-77.5°	163.0	178.5	193.0	206.4	210.2	209.6	207.2	202.9	222.4	252.5	283.7
-80°	117.4	127.2	138.5	149.1	151.6	150.5	147.2	141.8	157.2	178.9	202.3
-82.5°	76.6	83.2	89.5	95.4	96.1	94.5	91.6	88.1	99.8	113.9	128.6
-85°	39.2	39.2	42.5	45.5	46.9	47.1	46.1	44.1	49.9	56.5	63.4
-87.5°	19.6	19.6	19.3	18.7	17.9	16.8	15.5	13.9	14.4	15.0	15.5
-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: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-WR-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°	16.1	15.6	15.1	14.5	13.8	13.6	13.3	13.0	12.7	11.7	10.7
85°	70.8	72.4	73.2	73.7	73.7	76.1	78.3	80.3	82.0	74.4	65.9
82.5°	143.9	150.7	156.6	162.5	168.3	172.3	175.3	177.5	178.9	162.0	142.9
80°	226.5	240.7	252.4	263.7	274.4	277.1	277.1	275.5	272.6	249.4	223.2
77.5°	315.1	333.6	348.3	363.0	377.4	382.7	385.2	387.2	388.5	359.8	324.5
75°	395.3	417.4	438.1	457.3	474.9	484.3	489.8	494.3	497.8	469.0	431.1
72.5°	486.9	510.3	532.7	553.9	572.6	585.0	593.1	599.8	605.0	588.6	564.9
70°	587.6	611.8	635.4	657.5	678.7	695.4	708.5	719.8	729.3	731.1	730.3
67.5°	699.4	728.0	756.1	780.1	805.3	828.9	849.6	866.8	880.6	889.7	894.7
65°	824.8	867.9	906.3	938.7	965.9	997.4	1025.1	1046.3	1061.2	1072.6	1082.3
62.5°	972.7	1024.9	1068.8	1112.1	1156.8	1200.2	1227.3	1254.6	1281.2	1306.3	1327.8
60°	1115.0	1172.3	1231.6	1286.9	1338.1	1385.2	1433.9	1477.1	1514.9	1546.5	1570.1
57.5°	1266.7	1336.4	1403.8	1474.1	1540.1	1601.8	1662.0	1717.5	1765.6	1806.0	1839.0
55°	1431.3	1516.5	1596.7	1685.8	1772.3	1851.0	1923.6	1998.0	2065.0	2123.9	2170.8
52.5°	1608.7	1719.5	1825.8	1930.4	2042.4	2143.5	2234.0	2337.1	2428.5	2504.1	2562.9
50°	1820.6	1950.8	2091.1	2220.8	2362.1	2501.2	2629.4	2753.7	2875.2	2980.4	3065.4
47.5°	2061.9	2222.1	2395.9	2567.9	2743.2	2933.4	3103.1	3260.8	3430.7	3578.2	3696.6
45°	2330.1	2534.4	2744.2	2985.9	3208.6	3453.0	3679.1	3882.3	4123.2	4335.5	4506.4
42.5°	2627.6	2899.8	3175.6	3480.1	3775.6	4085.8	4415.3	4707.6	5027.2	5331.9	5578.1
40°	2996.4	3321.7	3691.2	4059.8	4483.8	4882.2	5362.3	5798.5	6194.7	6558.0	6855.7
37.5°	3406.2	3824.9	4289.1	4769.2	5349.5	5918.3	6480.2	7010.7	7479.1	7876.7	8210.2
35°	3871.4	4403.5	4965.7	5666.6	6346.5	7027.8	7662.5	8242.2	8751.6	9200.2	9581.8
32.5°	4406.5	5045.1	5832.2	6619.6	7395.2	8145.2	8842.0	9474.4	10033.1	10536.8	10975.5
30°	4969.1	5840.5	6723.9	7587.7	8434.8	9256.3	10021.1	10717.6	11348.8	11909.6	12415.0
27.5°	5684.1	6649.8	7613.0	8544.2	9476.1	10375.2	11204.0	11977.8	12702.1	13335.9	13913.6
25°	6375.6	7442.4	8466.4	9481.6	10496.0	11461.5	12388.1	13262.1	14091.6	14819.1	15464.1
22.5°	7067.0	8183.6	9277.8	10369.5	11459.2	12535.4	13575.9	14577.2	15504.9	16333.3	17059.3
20°	7707.4	8874.6	10044.8	11221.6	12402.8	13580.9	14749.5	15876.3	16909.8	17866.1	18706.5
17.5°	8281.4	9522.9	10763.5	12022.3	13302.7	14581.7	15879.9	17143.1	18324.7	19412.7	20387.7
15°	8789.8	10085.3	11417.7	12776.0	14151.0	15540.0	16956.6	18369.9	19700.0	20935.8	22024.2
12.5°	9234.4	10581.2	11977.6	13420.9	14913.2	16426.5	17972.4	19521.6	20994.0	22420.8	23596.0
10°	9601.2	11002.9	12462.5	13979.0	15552.7	17181.4	18840.0	20507.6	22129.8	23643.4	24987.3
7.5°	9884.4	11338.6	12842.7	14420.0	16071.1	17788.5	19545.5	21315.2	23046.4	24677.2	26164.2
5°	10084.3	11583.0	13106.1	14746.8	16455.2	18234.9	20061.0	21905.2	23714.9	25429.7	26970.8
2.5°	10200.2	11729.8	13259.4	14945.3	16683.6	18505.0	20380.6	22255.1	24112.6	25891.2	27474.9
0°	10230.8	11773.8	13347.3	14966.4	16755.4	18631.3	20439.8	22320.2	24250.6	26004.7	27582.5
-2.5°	10200.2	11729.8	13259.4	14945.3	16683.6	18505.0	20380.6	22255.1	24112.6	25891.2	27474.9
-5°	10084.3	11583.0	13106.1	14746.8	16455.2	18234.9	20061.0	21905.2	23714.9	25429.7	26970.8
-7.5°	9884.4	11338.6	12842.7	14420.0	16071.1	17788.5	19545.5	21315.2	23046.4	24677.2	26164.2
-10°	9601.2	11002.9	12462.5	13979.0	15552.7	17181.4	18840.0	20507.6	22129.8	23643.4	24987.3
-12.5°	9234.4	10581.2	11977.6	13420.9	14913.2	16426.5	17972.4	19521.6	20994.0	22420.8	23596.0
-15°	8789.8	10085.3	11417.7	12776.0	14151.0	15540.0	16956.6	18369.9	19700.0	20935.8	22024.2
-17.5°	8281.4	9522.9	10763.5	12022.3	13302.7	14581.7	15879.9	17143.1	18324.7	19412.7	20387.7
-20°	7707.4	8874.6	10044.8	11221.6	12402.8	13580.9	14749.5	15876.3	16909.8	17866.1	18706.5



REPORT NUMBER: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7067.0	8183.6	9277.8	10369.5	11459.2	12535.4	13575.9	14577.2	15504.9	16333.3	17059.3
-25°	6375.6	7442.4	8466.4	9481.6	10496.0	11461.5	12388.1	13262.1	14091.6	14819.1	15464.1
-27.5°	5684.1	6649.8	7613.0	8544.2	9476.1	10375.2	11204.0	11977.8	12702.1	13335.9	13913.6
-30°	4969.1	5840.5	6723.9	7587.7	8434.8	9256.3	10021.1	10717.6	11348.8	11909.6	12415.0
-32.5°	4406.5	5045.1	5832.2	6619.6	7395.2	8145.2	8842.0	9474.4	10033.1	10536.8	10975.5
-35°	3871.4	4403.5	4965.7	5666.6	6346.5	7027.8	7662.5	8242.2	8751.6	9200.2	9581.8
-37.5°	3406.2	3824.9	4289.1	4769.2	5349.5	5918.3	6480.2	7010.7	7479.1	7876.7	8210.2
-40°	2996.4	3321.7	3691.2	4059.8	4483.8	4882.2	5362.3	5798.5	6194.7	6558.0	6855.7
-42.5°	2627.6	2899.8	3175.6	3480.1	3775.6	4085.8	4415.3	4707.6	5027.2	5331.9	5578.1
-45°	2330.1	2534.4	2744.2	2985.9	3208.6	3453.0	3679.1	3882.3	4123.2	4335.5	4506.4
-47.5°	2061.9	2222.1	2395.9	2567.9	2743.2	2933.4	3103.1	3260.8	3430.7	3578.2	3696.6
-50°	1820.6	1950.8	2091.1	2220.8	2362.1	2501.2	2629.4	2753.7	2875.2	2980.4	3065.4
-52.5°	1608.7	1719.5	1825.8	1930.4	2042.4	2143.5	2234.0	2337.1	2428.5	2504.1	2562.9
-55°	1431.3	1516.5	1596.7	1685.8	1772.3	1851.0	1923.6	1998.0	2065.0	2123.9	2170.8
-57.5°	1266.7	1336.4	1403.8	1474.1	1540.1	1601.8	1662.0	1717.5	1765.6	1806.0	1839.0
-60°	1115.0	1172.3	1231.6	1286.9	1338.1	1385.2	1433.9	1477.1	1514.9	1546.5	1570.1
-62.5°	972.7	1024.9	1068.8	1112.1	1156.8	1200.2	1227.3	1254.6	1281.2	1306.3	1327.8
-65°	824.8	867.9	906.3	938.7	965.9	997.4	1025.1	1046.3	1061.2	1072.6	1082.3
-67.5°	699.4	728.0	756.1	780.1	805.3	828.9	849.6	866.8	880.6	889.7	894.7
-70°	587.6	611.8	635.4	657.5	678.7	695.4	708.5	719.8	729.3	731.1	730.3
-72.5°	486.9	510.3	532.7	553.9	572.6	585.0	593.1	599.8	605.0	588.6	564.9
-75°	395.3	417.4	438.1	457.3	474.9	484.3	489.8	494.3	497.8	469.0	431.1
-77.5°	315.1	333.6	348.3	363.0	377.4	382.7	385.2	387.2	388.5	359.8	324.5
-80°	226.5	240.7	252.4	263.7	274.4	277.1	277.1	275.5	272.6	249.4	223.2
-82.5°	143.9	150.7	156.6	162.5	168.3	172.3	175.3	177.5	178.9	162.0	142.9
-85°	70.8	72.4	73.2	73.7	73.7	76.1	78.3	80.3	82.0	74.4	65.9
-87.5°	16.1	15.6	15.1	14.5	13.8	13.6	13.3	13.0	12.7	11.7	10.7
-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: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-WR-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°	9.7	8.7	7.6	6.5	7.6	8.7	9.7	10.7	11.7	12.7	13.0
85°	57.0	47.7	46.7	45.7	46.7	47.7	57.0	65.9	74.4	82.0	80.3
82.5°	122.9	102.0	98.9	95.8	98.9	102.0	122.9	142.9	162.0	178.9	177.5
80°	195.8	167.5	162.0	156.7	162.0	167.5	195.8	223.2	249.4	272.6	275.5
77.5°	287.2	248.5	237.1	226.3	237.1	248.5	287.2	324.5	359.8	388.5	387.2
75°	391.8	351.0	337.2	324.3	337.2	351.0	391.8	431.1	469.0	497.8	494.3
72.5°	541.0	516.2	491.1	463.6	491.1	516.2	541.0	564.9	588.6	605.0	599.8
70°	729.5	727.7	721.4	711.7	721.4	727.7	729.5	730.3	731.1	729.3	719.8
67.5°	896.9	896.2	898.4	898.8	898.4	896.2	896.9	894.7	889.7	880.6	866.8
65°	1088.3	1090.4	1094.9	1096.9	1094.9	1090.4	1088.3	1082.3	1072.6	1061.2	1046.3
62.5°	1344.2	1355.3	1360.8	1360.2	1360.8	1355.3	1344.2	1327.8	1306.3	1281.2	1254.6
60°	1587.7	1599.2	1606.5	1608.3	1606.5	1599.2	1587.7	1570.1	1546.5	1514.9	1477.1
57.5°	1865.2	1884.1	1894.1	1895.6	1894.1	1884.1	1865.2	1839.0	1806.0	1765.6	1717.5
55°	2206.6	2231.7	2242.9	2241.6	2242.9	2231.7	2206.6	2170.8	2123.9	2065.0	1998.0
52.5°	2607.4	2637.9	2660.8	2674.7	2660.8	2637.9	2607.4	2562.9	2504.1	2428.5	2337.1
50°	3129.2	3173.0	3200.8	3212.2	3200.8	3173.0	3129.2	3065.4	2980.4	2875.2	2753.7
47.5°	3782.1	3840.1	3883.1	3913.0	3883.1	3840.1	3782.1	3696.6	3578.2	3430.7	3260.8
45°	4632.6	4721.0	4781.1	4816.2	4781.1	4721.0	4632.6	4506.4	4335.5	4123.2	3882.3
42.5°	5770.4	5907.7	5991.8	6024.0	5991.8	5907.7	5770.4	5578.1	5331.9	5027.2	4707.6
40°	7090.9	7255.8	7363.9	7438.6	7363.9	7255.8	7090.9	6855.7	6558.0	6194.7	5798.5
37.5°	8466.2	8639.4	8744.7	8816.2	8744.7	8639.4	8466.2	8210.2	7876.7	7479.1	7010.7
35°	9869.4	10050.6	10149.4	10204.7	10149.4	10050.6	9869.4	9581.8	9200.2	8751.6	8242.2
32.5°	11309.9	11509.5	11617.0	11728.1	11617.0	11509.5	11309.9	10975.5	10536.8	10033.1	9474.4
30°	12814.4	13043.5	13156.0	13210.2	13156.0	13043.5	12814.4	12415.0	11909.6	11348.8	10717.6
27.5°	14379.9	14665.6	14806.3	14899.0	14806.3	14665.6	14379.9	13913.6	13335.9	12702.1	11977.8
25°	16008.8	16362.8	16524.0	16668.3	16524.0	16362.8	16008.8	15464.1	14819.1	14091.6	13262.1
22.5°	17698.9	18139.8	18326.5	18428.9	18326.5	18139.8	17698.9	17059.3	16333.3	15504.9	14577.2
20°	19433.1	19959.9	20219.3	20352.8	20219.3	19959.9	19433.1	18706.5	17866.1	16909.8	15876.3
17.5°	21206.5	21861.8	22197.4	22274.5	22197.4	21861.8	21206.5	20387.7	19412.7	18324.7	17143.1
15°	22947.4	23656.2	24052.9	24198.3	24052.9	23656.2	22947.4	22024.2	20935.8	19700.0	18369.9
12.5°	24596.2	25330.8	25804.8	25889.3	25804.8	25330.8	24596.2	23596.0	22420.8	20994.0	19521.6
10°	26091.4	26852.5	27376.1	27495.4	27376.1	26852.5	26091.4	24987.3	23643.4	22129.8	20507.6
7.5°	27341.5	28176.5	28755.0	28855.6	28755.0	28176.5	27341.5	26164.2	24677.2	23046.4	21315.2
5°	28256.1	29247.5	29722.3	29841.5	29722.3	29247.5	28256.1	26970.8	25429.7	23714.9	21905.2
2.5°	28757.8	29767.0	30427.0	30350.7	30427.0	29767.0	28757.8	27474.9	25891.2	24112.6	22255.1
0°	28814.3	29869.8	30500.9	30792.5	30500.9	29869.8	28814.3	27582.5	26004.7	24250.6	22320.2
-2.5°	28757.8	29767.0	30427.0	30350.7	30427.0	29767.0	28757.8	27474.9	25891.2	24112.6	22255.1
-5°	28256.1	29247.5	29722.3	29841.5	29722.3	29247.5	28256.1	26970.8	25429.7	23714.9	21905.2
-7.5°	27341.5	28176.5	28755.0	28855.6	28755.0	28176.5	27341.5	26164.2	24677.2	23046.4	21315.2
-10°	26091.4	26852.5	27376.1	27495.4	27376.1	26852.5	26091.4	24987.3	23643.4	22129.8	20507.6
-12.5°	24596.2	25330.8	25804.8	25889.3	25804.8	25330.8	24596.2	23596.0	22420.8	20994.0	19521.6
-15°	22947.4	23656.2	24052.9	24198.3	24052.9	23656.2	22947.4	22024.2	20935.8	19700.0	18369.9
-17.5°	21206.5	21861.8	22197.4	22274.5	22197.4	21861.8	21206.5	20387.7	19412.7	18324.7	17143.1
-20°	19433.1	19959.9	20219.3	20352.8	20219.3	19959.9	19433.1	18706.5	17866.1	16909.8	15876.3



REPORT NUMBER: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17698.9	18139.8	18326.5	18428.9	18326.5	18139.8	17698.9	17059.3	16333.3	15504.9	14577.2
-25°	16008.8	16362.8	16524.0	16668.3	16524.0	16362.8	16008.8	15464.1	14819.1	14091.6	13262.1
-27.5°	14379.9	14665.6	14806.3	14899.0	14806.3	14665.6	14379.9	13913.6	13335.9	12702.1	11977.8
-30°	12814.4	13043.5	13156.0	13210.2	13156.0	13043.5	12814.4	12415.0	11909.6	11348.8	10717.6
-32.5°	11309.9	11509.5	11617.0	11728.1	11617.0	11509.5	11309.9	10975.5	10536.8	10033.1	9474.4
-35°	9869.4	10050.6	10149.4	10204.7	10149.4	10050.6	9869.4	9581.8	9200.2	8751.6	8242.2
-37.5°	8466.2	8639.4	8744.7	8816.2	8744.7	8639.4	8466.2	8210.2	7876.7	7479.1	7010.7
-40°	7090.9	7255.8	7363.9	7438.6	7363.9	7255.8	7090.9	6855.7	6558.0	6194.7	5798.5
-42.5°	5770.4	5907.7	5991.8	6024.0	5991.8	5907.7	5770.4	5578.1	5331.9	5027.2	4707.6
-45°	4632.6	4721.0	4781.1	4816.2	4781.1	4721.0	4632.6	4506.4	4335.5	4123.2	3882.3
-47.5°	3782.1	3840.1	3883.1	3913.0	3883.1	3840.1	3782.1	3696.6	3578.2	3430.7	3260.8
-50°	3129.2	3173.0	3200.8	3212.2	3200.8	3173.0	3129.2	3065.4	2980.4	2875.2	2753.7
-52.5°	2607.4	2637.9	2660.8	2674.7	2660.8	2637.9	2607.4	2562.9	2504.1	2428.5	2337.1
-55°	2206.6	2231.7	2242.9	2241.6	2242.9	2231.7	2206.6	2170.8	2123.9	2065.0	1998.0
-57.5°	1865.2	1884.1	1894.1	1895.6	1894.1	1884.1	1865.2	1839.0	1806.0	1765.6	1717.5
-60°	1587.7	1599.2	1606.5	1608.3	1606.5	1599.2	1587.7	1570.1	1546.5	1514.9	1477.1
-62.5°	1344.2	1355.3	1360.8	1360.2	1360.8	1355.3	1344.2	1327.8	1306.3	1281.2	1254.6
-65°	1088.3	1090.4	1094.9	1096.9	1094.9	1090.4	1088.3	1082.3	1072.6	1061.2	1046.3
-67.5°	896.9	896.2	898.4	898.8	898.4	896.2	896.9	894.7	889.7	880.6	866.8
-70°	729.5	727.7	721.4	711.7	721.4	727.7	729.5	730.3	731.1	729.3	719.8
-72.5°	541.0	516.2	491.1	463.6	491.1	516.2	541.0	564.9	588.6	605.0	599.8
-75°	391.8	351.0	337.2	324.3	337.2	351.0	391.8	431.1	469.0	497.8	494.3
-77.5°	287.2	248.5	237.1	226.3	237.1	248.5	287.2	324.5	359.8	388.5	387.2
-80°	195.8	167.5	162.0	156.7	162.0	167.5	195.8	223.2	249.4	272.6	275.5
-82.5°	122.9	102.0	98.9	95.8	98.9	102.0	122.9	142.9	162.0	178.9	177.5
-85°	57.0	47.7	46.7	45.7	46.7	47.7	57.0	65.9	74.4	82.0	80.3
-87.5°	9.7	8.7	7.6	6.5	7.6	8.7	9.7	10.7	11.7	12.7	13.0
-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: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-722-U-WR-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°	13.3	13.6	13.8	14.5	15.1	15.6	16.1	15.5	15.0	14.4	13.9
85°	78.3	76.1	73.7	73.7	73.2	72.4	70.8	63.4	56.5	49.9	44.1
82.5°	175.3	172.3	168.3	162.5	156.6	150.7	143.9	128.6	113.9	99.8	88.1
80°	277.1	277.1	274.4	263.7	252.4	240.7	226.5	202.3	178.9	157.2	141.8
77.5°	385.2	382.7	377.4	363.0	348.3	333.6	315.1	283.7	252.5	222.4	202.9
75°	489.8	484.3	474.9	457.3	438.1	417.4	395.3	368.2	337.2	302.0	276.3
72.5°	593.1	585.0	572.6	553.9	532.7	510.3	486.9	460.4	429.9	395.4	369.4
70°	708.5	695.4	678.7	657.5	635.4	611.8	587.6	560.4	528.8	494.3	466.9
67.5°	849.6	828.9	805.3	780.1	756.1	728.0	699.4	668.4	636.4	600.2	565.7
65°	1025.1	997.4	965.9	938.7	906.3	867.9	824.8	787.2	750.1	709.3	664.1
62.5°	1227.3	1200.2	1156.8	1112.1	1068.8	1024.9	972.7	920.1	869.3	818.2	765.4
60°	1433.9	1385.2	1338.1	1286.9	1231.6	1172.3	1115.0	1054.9	992.1	930.6	867.5
57.5°	1662.0	1601.8	1540.1	1474.1	1403.8	1336.4	1266.7	1192.0	1120.8	1046.2	970.8
55°	1923.6	1851.0	1772.3	1685.8	1596.7	1516.5	1431.3	1345.7	1259.2	1165.3	1082.1
52.5°	2234.0	2143.5	2042.4	1930.4	1825.8	1719.5	1608.7	1511.6	1405.9	1301.6	1197.9
50°	2629.4	2501.2	2362.1	2220.8	2091.1	1950.8	1820.6	1692.9	1564.9	1444.2	1323.5
47.5°	3103.1	2933.4	2743.2	2567.9	2395.9	2222.1	2061.9	1893.0	1746.2	1594.1	1460.0
45°	3679.1	3453.0	3208.6	2985.9	2744.2	2534.4	2330.1	2135.9	1942.9	1771.2	1600.1
42.5°	4415.3	4085.8	3775.6	3480.1	3175.6	2899.8	2627.6	2397.4	2171.0	1958.5	1765.5
40°	5362.3	4882.2	4483.8	4059.8	3691.2	3321.7	2996.4	2677.4	2420.1	2168.3	1932.9
37.5°	6480.2	5918.3	5349.5	4769.2	4289.1	3824.9	3406.2	3030.6	2680.7	2394.4	2122.7
35°	7662.5	7027.8	6346.5	5666.6	4965.7	4403.5	3871.4	3408.6	3000.3	2631.1	2318.0
32.5°	8842.0	8145.2	7395.2	6619.6	5832.2	5045.1	4406.5	3833.3	3322.5	2902.1	2531.5
30°	10021.1	9256.3	8434.8	7587.7	6723.9	5840.5	4969.1	4299.4	3699.7	3172.5	2746.3
27.5°	11204.0	10375.2	9476.1	8544.2	7613.0	6649.8	5684.1	4780.5	4079.9	3484.1	2982.0
25°	12388.1	11461.5	10496.0	9481.6	8466.4	7442.4	6375.6	5368.2	4506.4	3795.9	3199.3
22.5°	13575.9	12535.4	11459.2	10369.5	9277.8	8183.6	7067.0	5943.9	4910.4	4113.0	3453.5
20°	14749.5	13580.9	12402.8	11221.6	10044.8	8874.6	7707.4	6508.5	5385.3	4441.3	3690.8
17.5°	15879.9	14581.7	13302.7	12022.3	10763.5	9522.9	8281.4	7029.4	5809.4	4733.6	3900.3
15°	16956.6	15540.0	14151.0	12776.0	11417.7	10085.3	8789.8	7486.8	6195.1	5038.5	4130.1
12.5°	17972.4	16426.5	14913.2	13420.9	11977.6	10581.2	9234.4	7888.4	6558.4	5335.4	4334.9
10°	18840.0	17181.4	15552.7	13979.0	12462.5	11002.9	9601.2	8228.1	6869.8	5582.5	4502.4
7.5°	19545.5	17788.5	16071.1	14420.0	12842.7	11338.6	9884.4	8488.8	7116.3	5775.6	4631.7
5°	20061.0	18234.9	16455.2	14746.8	13106.1	11583.0	10084.3	8667.1	7295.0	5913.0	4722.1
2.5°	20380.6	18505.0	16683.6	14945.3	13259.4	11729.8	10200.2	8774.8	7397.0	5988.5	4778.8
0°	20439.8	18631.3	16755.4	14966.4	13347.3	11773.8	10230.8	8814.0	7423.4	6004.4	4796.6
-2.5°	20380.6	18505.0	16683.6	14945.3	13259.4	11729.8	10200.2	8774.8	7397.0	5988.5	4778.8
-5°	20061.0	18234.9	16455.2	14746.8	13106.1	11583.0	10084.3	8667.1	7295.0	5913.0	4722.1
-7.5°	19545.5	17788.5	16071.1	14420.0	12842.7	11338.6	9884.4	8488.8	7116.3	5775.6	4631.7
-10°	18840.0	17181.4	15552.7	13979.0	12462.5	11002.9	9601.2	8228.1	6869.8	5582.5	4502.4
-12.5°	17972.4	16426.5	14913.2	13420.9	11977.6	10581.2	9234.4	7888.4	6558.4	5335.4	4334.9
-15°	16956.6	15540.0	14151.0	12776.0	11417.7	10085.3	8789.8	7486.8	6195.1	5038.5	4130.1
-17.5°	15879.9	14581.7	13302.7	12022.3	10763.5	9522.9	8281.4	7029.4	5809.4	4733.6	3900.3
-20°	14749.5	13580.9	12402.8	11221.6	10044.8	8874.6	7707.4	6508.5	5385.3	4441.3	3690.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13575.9	12535.4	11459.2	10369.5	9277.8	8183.6	7067.0	5943.9	4910.4	4113.0	3453.5
-25°	12388.1	11461.5	10496.0	9481.6	8466.4	7442.4	6375.6	5368.2	4506.4	3795.9	3199.3
-27.5°	11204.0	10375.2	9476.1	8544.2	7613.0	6649.8	5684.1	4780.5	4079.9	3484.1	2982.0
-30°	10021.1	9256.3	8434.8	7587.7	6723.9	5840.5	4969.1	4299.4	3699.7	3172.5	2746.3
-32.5°	8842.0	8145.2	7395.2	6619.6	5832.2	5045.1	4406.5	3833.3	3322.5	2902.1	2531.5
-35°	7662.5	7027.8	6346.5	5666.6	4965.7	4403.5	3871.4	3408.6	3000.3	2631.1	2318.0
-37.5°	6480.2	5918.3	5349.5	4769.2	4289.1	3824.9	3406.2	3030.6	2680.7	2394.4	2122.7
-40°	5362.3	4882.2	4483.8	4059.8	3691.2	3321.7	2996.4	2677.4	2420.1	2168.3	1932.9
-42.5°	4415.3	4085.8	3775.6	3480.1	3175.6	2899.8	2627.6	2397.4	2171.0	1958.5	1765.5
-45°	3679.1	3453.0	3208.6	2985.9	2744.2	2534.4	2330.1	2135.9	1942.9	1771.2	1600.1
-47.5°	3103.1	2933.4	2743.2	2567.9	2395.9	2222.1	2061.9	1893.0	1746.2	1594.1	1460.0
-50°	2629.4	2501.2	2362.1	2220.8	2091.1	1950.8	1820.6	1692.9	1564.9	1444.2	1323.5
-52.5°	2234.0	2143.5	2042.4	1930.4	1825.8	1719.5	1608.7	1511.6	1405.9	1301.6	1197.9
-55°	1923.6	1851.0	1772.3	1685.8	1596.7	1516.5	1431.3	1345.7	1259.2	1165.3	1082.1
-57.5°	1662.0	1601.8	1540.1	1474.1	1403.8	1336.4	1266.7	1192.0	1120.8	1046.2	970.8
-60°	1433.9	1385.2	1338.1	1286.9	1231.6	1172.3	1115.0	1054.9	992.1	930.6	867.5
-62.5°	1227.3	1200.2	1156.8	1112.1	1068.8	1024.9	972.7	920.1	869.3	818.2	765.4
-65°	1025.1	997.4	965.9	938.7	906.3	867.9	824.8	787.2	750.1	709.3	664.1
-67.5°	849.6	828.9	805.3	780.1	756.1	728.0	699.4	668.4	636.4	600.2	565.7
-70°	708.5	695.4	678.7	657.5	635.4	611.8	587.6	560.4	528.8	494.3	466.9
-72.5°	593.1	585.0	572.6	553.9	532.7	510.3	486.9	460.4	429.9	395.4	369.4
-75°	489.8	484.3	474.9	457.3	438.1	417.4	395.3	368.2	337.2	302.0	276.3
-77.5°	385.2	382.7	377.4	363.0	348.3	333.6	315.1	283.7	252.5	222.4	202.9
-80°	277.1	277.1	274.4	263.7	252.4	240.7	226.5	202.3	178.9	157.2	141.8
-82.5°	175.3	172.3	168.3	162.5	156.6	150.7	143.9	128.6	113.9	99.8	88.1
-85°	78.3	76.1	73.7	73.7	73.2	72.4	70.8	63.4	56.5	49.9	44.1
-87.5°	13.3	13.6	13.8	14.5	15.1	15.6	16.1	15.5	15.0	14.4	13.9
-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: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-WR-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°	15.5	16.8	17.9	18.7	19.3	19.6	19.6	19.3	18.5	17.5	16.2
85°	46.1	47.1	46.9	45.5	42.5	39.2	39.2	38.7	37.1	35.0	32.4
82.5°	91.6	94.5	96.1	95.4	89.5	83.2	76.6	69.6	62.1	53.6	48.6
80°	147.2	150.5	151.6	149.1	138.5	127.2	117.4	107.3	97.4	86.2	73.7
77.5°	207.2	209.6	210.2	206.4	193.0	178.5	163.0	146.7	132.8	118.9	103.3
75°	271.7	272.5	271.9	264.9	248.6	229.9	211.0	190.7	170.4	151.5	132.8
72.5°	355.5	344.1	335.5	324.2	306.1	285.1	261.1	234.1	208.4	184.3	161.8
70°	443.1	418.9	400.2	382.9	362.9	340.7	314.1	280.2	245.7	216.5	189.1
67.5°	534.5	504.5	474.4	443.0	418.3	393.3	366.3	325.6	284.3	248.0	215.9
65°	623.5	586.6	552.4	511.5	475.8	445.2	414.7	368.6	321.5	279.1	242.1
62.5°	713.2	663.6	620.9	576.6	533.4	495.6	461.2	408.7	357.2	309.0	266.9
60°	805.4	747.3	689.1	638.0	589.1	543.2	500.4	447.5	391.6	337.4	290.4
57.5°	900.9	831.1	764.6	700.9	644.0	591.1	538.1	483.2	425.0	366.3	311.6
55°	997.3	918.5	840.3	767.3	699.9	639.7	577.3	517.4	456.9	394.5	328.4
52.5°	1100.8	1008.3	920.2	834.9	757.8	687.0	619.1	550.9	487.4	421.5	346.8
50°	1210.3	1103.5	1002.9	907.5	815.3	736.5	659.9	587.6	517.1	447.6	364.1
47.5°	1325.4	1204.6	1090.0	980.7	880.5	784.3	702.6	623.6	546.0	473.4	379.8
45°	1452.2	1308.4	1179.4	1059.5	943.1	838.6	744.7	658.5	577.2	491.9	393.9
42.5°	1579.6	1420.5	1272.2	1135.7	1011.3	893.5	785.1	694.6	607.3	508.8	407.8
40°	1726.5	1535.0	1365.5	1217.7	1078.6	945.8	831.6	729.5	635.3	525.6	421.2
37.5°	1869.7	1658.3	1467.4	1295.8	1144.9	1004.9	876.5	762.6	657.4	543.9	433.4
35°	2038.5	1785.6	1564.4	1378.5	1213.3	1061.2	918.8	796.5	681.7	561.5	444.2
32.5°	2202.5	1915.3	1673.6	1463.2	1277.8	1114.4	963.6	831.1	706.4	578.2	453.7
30°	2382.6	2056.3	1776.6	1542.5	1341.9	1169.2	1008.8	863.8	731.3	594.0	462.9
27.5°	2555.6	2186.3	1876.7	1626.4	1409.6	1220.5	1050.5	894.4	756.3	610.5	474.4
25°	2727.1	2326.6	1987.1	1706.5	1471.8	1267.1	1088.9	923.0	780.8	629.0	484.7
22.5°	2913.2	2462.5	2086.6	1778.4	1528.0	1309.6	1125.5	954.2	803.3	646.6	493.7
20°	3084.3	2585.1	2175.5	1847.3	1583.8	1355.5	1159.8	982.1	823.5	663.2	501.3
17.5°	3245.7	2709.8	2274.6	1921.7	1636.7	1396.0	1190.0	1006.7	841.3	678.4	507.5
15°	3415.1	2833.7	2363.8	1986.2	1682.4	1431.0	1215.9	1027.8	856.7	692.1	513.4
12.5°	3559.7	2938.5	2438.8	2040.4	1720.8	1460.2	1237.5	1045.4	869.5	703.8	518.6
10°	3678.9	3023.6	2499.3	2084.2	1751.7	1483.6	1254.7	1059.7	880.2	712.8	521.5
7.5°	3771.7	3088.5	2545.0	2117.4	1775.5	1502.0	1269.0	1070.8	888.4	719.2	522.1
5°	3836.6	3133.9	2578.6	2140.6	1793.5	1515.1	1279.3	1078.1	894.1	722.7	520.6
2.5°	3870.7	3159.5	2599.2	2153.0	1803.8	1522.3	1285.0	1081.7	896.8	723.1	517.0
0°	3876.0	3164.3	2605.0	2154.5	1806.3	1523.4	1286.2	1081.6	896.6	720.4	511.4
-2.5°	3870.7	3159.5	2599.2	2153.0	1803.8	1522.3	1285.0	1081.7	896.8	723.1	517.0
-5°	3836.6	3133.9	2578.6	2140.6	1793.5	1515.1	1279.3	1078.1	894.1	722.7	520.6
-7.5°	3771.7	3088.5	2545.0	2117.4	1775.5	1502.0	1269.0	1070.8	888.4	719.2	522.1
-10°	3678.9	3023.6	2499.3	2084.2	1751.7	1483.6	1254.7	1059.7	880.2	712.8	521.5
-12.5°	3559.7	2938.5	2438.8	2040.4	1720.8	1460.2	1237.5	1045.4	869.5	703.8	518.6
-15°	3415.1	2833.7	2363.8	1986.2	1682.4	1431.0	1215.9	1027.8	856.7	692.1	513.4
-17.5°	3245.7	2709.8	2274.6	1921.7	1636.7	1396.0	1190.0	1006.7	841.3	678.4	507.5
-20°	3084.3	2585.1	2175.5	1847.3	1583.8	1355.5	1159.8	982.1	823.5	663.2	501.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2913.2	2462.5	2086.6	1778.4	1528.0	1309.6	1125.5	954.2	803.3	646.6	493.7
-25°	2727.1	2326.6	1987.1	1706.5	1471.8	1267.1	1088.9	923.0	780.8	629.0	484.7
-27.5°	2555.6	2186.3	1876.7	1626.4	1409.6	1220.5	1050.5	894.4	756.3	610.5	474.4
-30°	2382.6	2056.3	1776.6	1542.5	1341.9	1169.2	1008.8	863.8	731.3	594.0	462.9
-32.5°	2202.5	1915.3	1673.6	1463.2	1277.8	1114.4	963.6	831.1	706.4	578.2	453.7
-35°	2038.5	1785.6	1564.4	1378.5	1213.3	1061.2	918.8	796.5	681.7	561.5	444.2
-37.5°	1869.7	1658.3	1467.4	1295.8	1144.9	1004.9	876.5	762.6	657.4	543.9	433.4
-40°	1726.5	1535.0	1365.5	1217.7	1078.6	945.8	831.6	729.5	635.3	525.6	421.2
-42.5°	1579.6	1420.5	1272.2	1135.7	1011.3	893.5	785.1	694.6	607.3	508.8	407.8
-45°	1452.2	1308.4	1179.4	1059.5	943.1	838.6	744.7	658.5	577.2	491.9	393.9
-47.5°	1325.4	1204.6	1090.0	980.7	880.5	784.3	702.6	623.6	546.0	473.4	379.8
-50°	1210.3	1103.5	1002.9	907.5	815.3	736.5	659.9	587.6	517.1	447.6	364.1
-52.5°	1100.8	1008.3	920.2	834.9	757.8	687.0	619.1	550.9	487.4	421.5	346.8
-55°	997.3	918.5	840.3	767.3	699.9	639.7	577.3	517.4	456.9	394.5	328.4
-57.5°	900.9	831.1	764.6	700.9	644.0	591.1	538.1	483.2	425.0	366.3	311.6
-60°	805.4	747.3	689.1	638.0	589.1	543.2	500.4	447.5	391.6	337.4	290.4
-62.5°	713.2	663.6	620.9	576.6	533.4	495.6	461.2	408.7	357.2	309.0	266.9
-65°	623.5	586.6	552.4	511.5	475.8	445.2	414.7	368.6	321.5	279.1	242.1
-67.5°	534.5	504.5	474.4	443.0	418.3	393.3	366.3	325.6	284.3	248.0	215.9
-70°	443.1	418.9	400.2	382.9	362.9	340.7	314.1	280.2	245.7	216.5	189.1
-72.5°	355.5	344.1	335.5	324.2	306.1	285.1	261.1	234.1	208.4	184.3	161.8
-75°	271.7	272.5	271.9	264.9	248.6	229.9	211.0	190.7	170.4	151.5	132.8
-77.5°	207.2	209.6	210.2	206.4	193.0	178.5	163.0	146.7	132.8	118.9	103.3
-80°	147.2	150.5	151.6	149.1	138.5	127.2	117.4	107.3	97.4	86.2	73.7
-82.5°	91.6	94.5	96.1	95.4	89.5	83.2	76.6	69.6	62.1	53.6	48.6
-85°	46.1	47.1	46.9	45.5	42.5	39.2	39.2	38.7	37.1	35.0	32.4
-87.5°	15.5	16.8	17.9	18.7	19.3	19.6	19.6	19.3	18.5	17.5	16.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-WR-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°	14.6	11.4	8.5	5.9	3.6	1.6	0.0
85°	29.2	22.8	17.0	11.8	7.2	3.1	0.0
82.5°	43.7	34.1	25.4	17.6	10.7	4.7	0.0
80°	59.3	45.2	33.7	23.4	14.3	6.2	0.0
77.5°	84.7	58.8	41.9	29.0	17.7	7.7	0.0
75°	109.4	76.9	50.7	34.6	21.2	9.2	0.0
72.5°	133.2	94.4	62.8	40.1	24.5	10.7	0.0
70°	155.8	111.3	74.5	45.9	27.8	12.2	0.0
67.5°	175.5	127.4	85.7	53.0	30.9	13.6	0.0
65°	194.2	142.2	96.3	59.8	34.0	15.0	0.0
62.5°	211.8	155.7	106.4	66.3	37.0	16.3	0.0
60°	228.3	168.4	115.7	72.4	39.8	17.6	0.0
57.5°	243.2	180.2	124.5	78.1	43.3	18.8	0.0
55°	257.0	191.1	132.6	83.3	46.6	20.0	0.0
52.5°	269.6	201.0	140.0	88.1	49.8	21.2	0.0
50°	281.0	210.2	146.7	92.5	52.9	22.3	0.0
47.5°	291.7	218.5	152.8	96.5	55.8	23.3	0.0
45°	303.6	225.8	158.1	100.4	58.6	24.3	0.0
42.5°	314.3	232.1	162.7	103.8	61.2	25.2	0.0
40°	323.6	237.5	166.8	107.7	63.6	26.0	0.0
37.5°	331.6	241.9	170.5	111.5	65.9	26.8	0.0
35°	338.2	246.8	173.5	115.1	68.0	27.5	0.0
32.5°	344.3	251.5	175.8	118.4	70.0	28.2	0.0
30°	351.1	255.1	177.4	121.3	71.7	28.8	0.0
27.5°	356.6	257.7	181.2	123.9	73.3	29.3	0.0
25°	360.9	259.3	184.9	126.1	74.7	29.7	0.0
22.5°	364.0	261.3	188.1	128.1	75.9	30.1	0.0
20°	365.7	266.1	190.9	129.7	76.9	30.4	0.0
17.5°	369.8	270.0	193.2	130.9	77.7	30.6	0.0
15°	374.8	273.0	195.0	131.8	78.4	30.8	0.0
12.5°	378.3	275.3	196.4	132.4	78.8	30.9	0.0
10°	380.5	276.7	197.3	132.7	79.1	31.0	0.0
7.5°	381.4	277.2	197.7	132.7	79.2	30.9	0.0
5°	381.1	277.0	197.6	132.3	79.1	30.9	0.0
2.5°	379.4	276.0	197.0	131.6	78.8	30.7	0.0
0°	376.5	274.2	195.9	130.6	78.3	30.5	0.0
-2.5°	379.4	276.0	197.0	131.6	78.8	30.7	0.0
-5°	381.1	277.0	197.6	132.3	79.1	30.9	0.0
-7.5°	381.4	277.2	197.7	132.7	79.2	30.9	0.0
-10°	380.5	276.7	197.3	132.7	79.1	31.0	0.0
-12.5°	378.3	275.3	196.4	132.4	78.8	30.9	0.0
-15°	374.8	273.0	195.0	131.8	78.4	30.8	0.0
-17.5°	369.8	270.0	193.2	130.9	77.7	30.6	0.0
-20°	365.7	266.1	190.9	129.7	76.9	30.4	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	364.0	261.3	188.1	128.1	75.9	30.1	0.0
-25°	360.9	259.3	184.9	126.1	74.7	29.7	0.0
-27.5°	356.6	257.7	181.2	123.9	73.3	29.3	0.0
-30°	351.1	255.1	177.4	121.3	71.7	28.8	0.0
-32.5°	344.3	251.5	175.8	118.4	70.0	28.2	0.0
-35°	338.2	246.8	173.5	115.1	68.0	27.5	0.0
-37.5°	331.6	241.9	170.5	111.5	65.9	26.8	0.0
-40°	323.6	237.5	166.8	107.7	63.6	26.0	0.0
-42.5°	314.3	232.1	162.7	103.8	61.2	25.2	0.0
-45°	303.6	225.8	158.1	100.4	58.6	24.3	0.0
-47.5°	291.7	218.5	152.8	96.5	55.8	23.3	0.0
-50°	281.0	210.2	146.7	92.5	52.9	22.3	0.0
-52.5°	269.6	201.0	140.0	88.1	49.8	21.2	0.0
-55°	257.0	191.1	132.6	83.3	46.6	20.0	0.0
-57.5°	243.2	180.2	124.5	78.1	43.3	18.8	0.0
-60°	228.3	168.4	115.7	72.4	39.8	17.6	0.0
-62.5°	211.8	155.7	106.4	66.3	37.0	16.3	0.0
-65°	194.2	142.2	96.3	59.8	34.0	15.0	0.0
-67.5°	175.5	127.4	85.7	53.0	30.9	13.6	0.0
-70°	155.8	111.3	74.5	45.9	27.8	12.2	0.0
-72.5°	133.2	94.4	62.8	40.1	24.5	10.7	0.0
-75°	109.4	76.9	50.7	34.6	21.2	9.2	0.0
-77.5°	84.7	58.8	41.9	29.0	17.7	7.7	0.0
-80°	59.3	45.2	33.7	23.4	14.3	6.2	0.0
-82.5°	43.7	34.1	25.4	17.6	10.7	4.7	0.0
-85°	29.2	22.8	17.0	11.8	7.2	3.1	0.0
-87.5°	14.6	11.4	8.5	5.9	3.6	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)