

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: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-740-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA4B-740-U-VWR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N101  
Light Source: (64) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

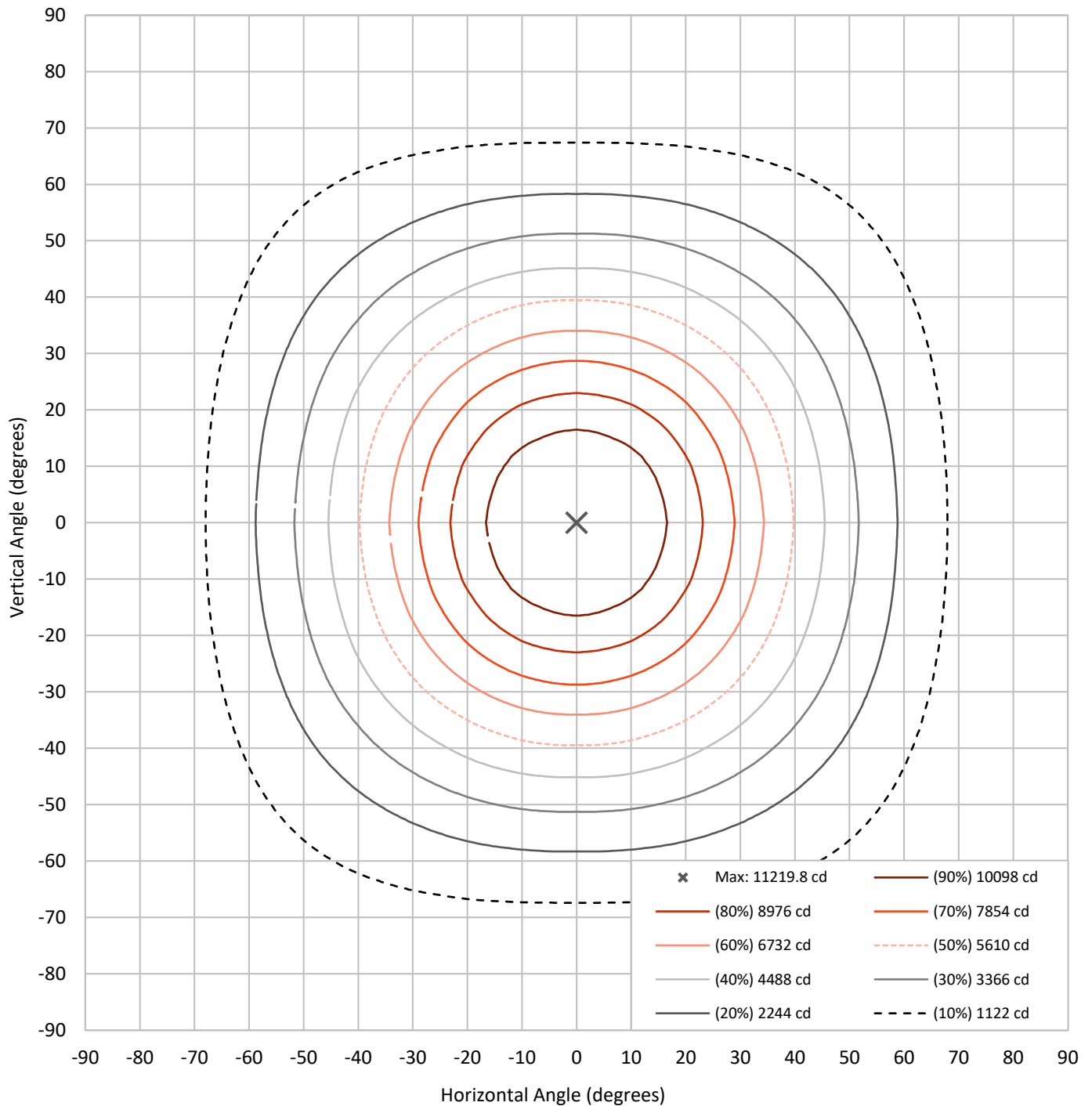
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	20278.7 lumens	Max Intensity:	11219.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	156.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	11893.6 lumens	Field Lumens:	19332.3 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	129.5		
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: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4B-740-U-VWR-XX

### Iso-Candela Plot





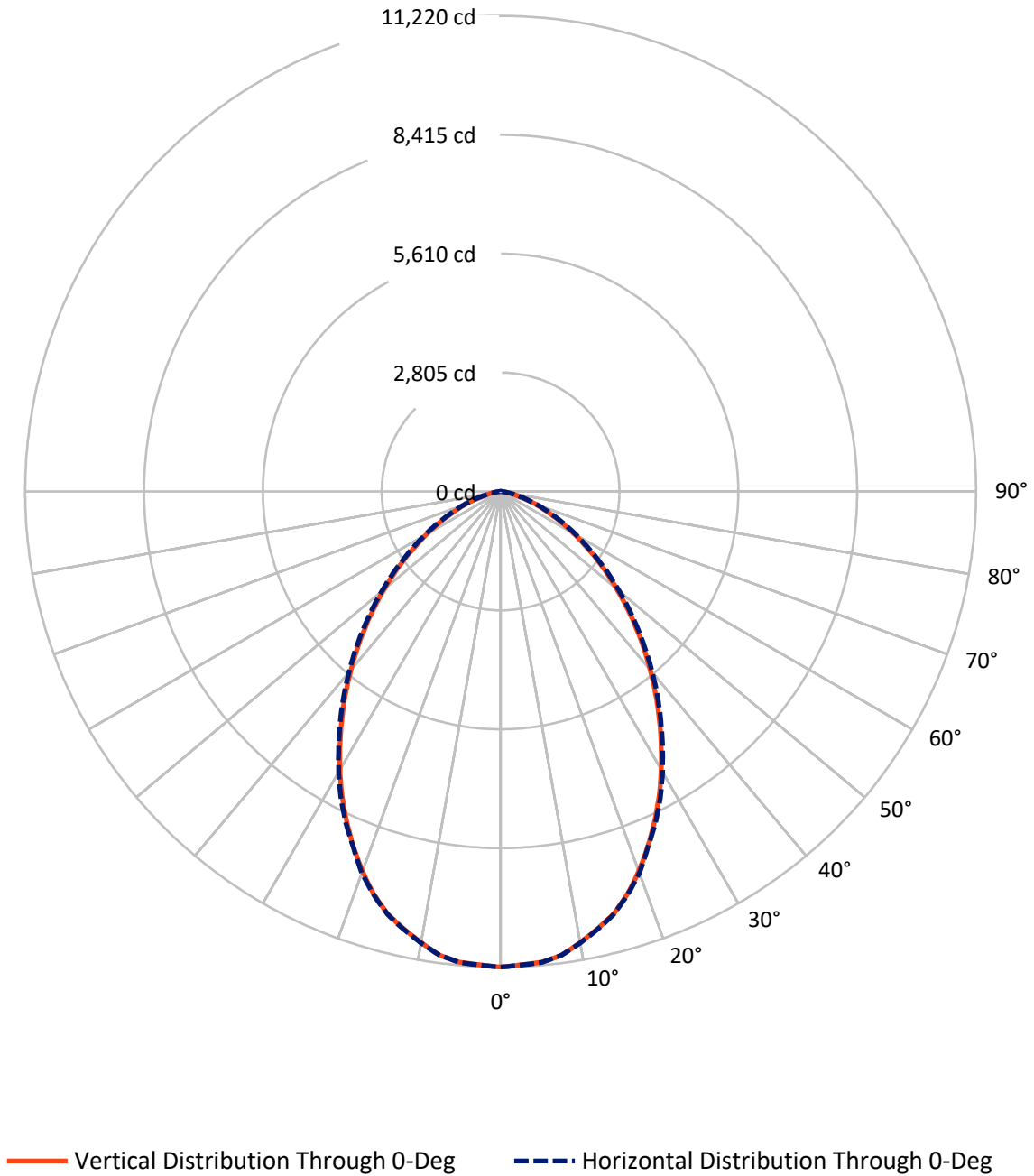
REPORT NUMBER: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-VWR-XX

### Lumen Table

90																			
80	0.7	8.3	22.6	38.4	36.2	38.4	22.6	8.3	0.7										
70																			
60	3.8	5.2	10.5	17.9	26.2	33.8	39.5	42.3	42.3	39.5	33.8	26.2	17.9	10.5	5.2	3.8			
50																			
40	6.6	7.8	17.0	30.4	46.1	62.6	76.2	83.3	83.3	76.2	62.6	46.1	30.4	17.0	7.8	6.6			
30																			
20	8.5	10.5	24.7	45.5	72.1	100.0	123.3	136.1	136.1	123.3	100.0	72.1	45.5	24.7	10.5	8.5			
10																			
0	9.3	13.3	32.7	62.7	101.0	141.6	176.2	195.9	195.9	176.2	141.6	101.0	62.7	32.7	13.3	9.3			
-10																			
-20	8.5	15.9	40.2	78.8	128.6	182.5	229.5	256.5	256.5	229.5	182.5	128.6	78.8	40.2	15.9	8.5			
-30																			
-40	6.6	17.9	46.0	90.9	150.1	215.7	273.5	306.4	306.4	273.5	215.7	150.1	90.9	46.0	17.9	6.6			
-50																			
-60	3.8	19.0	49.2	97.7	162.1	234.1	297.3	331.9	331.9	297.3	234.1	162.1	97.7	49.2	19.0	3.8			
-70																			
-80	0.7	19.0	49.2	97.7	162.1	234.1	297.3	331.9	331.9	297.3	234.1	162.1	97.7	49.2	19.0	0.7			
-90																			

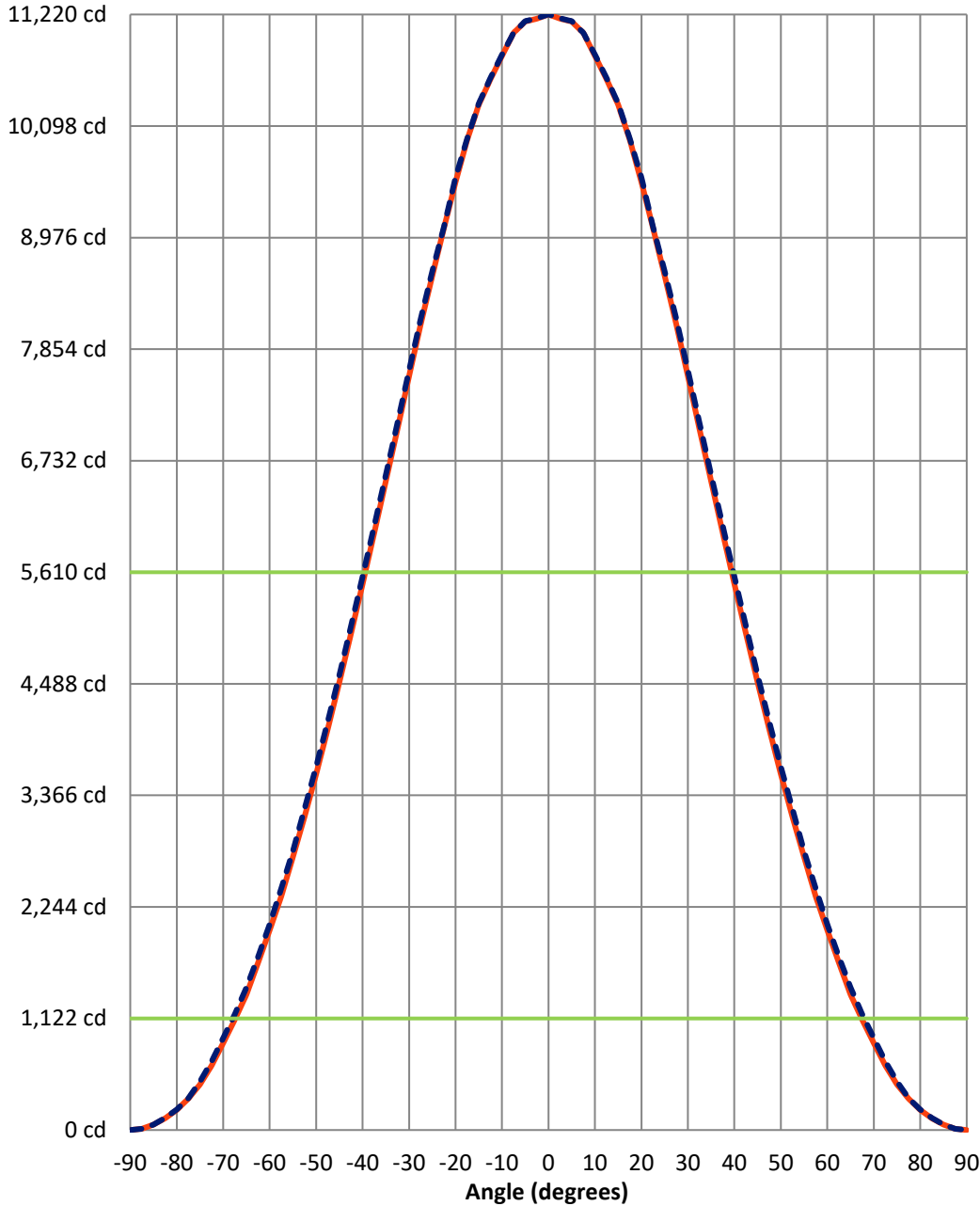
REPORT NUMBER: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4B-740-U-VWR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-VWR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 11893.6  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 19332.3  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 946.4  
 Efficiency: 4.7%

— 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: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-VWR-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	0.6	1.5	2.2	2.9	3.6	4.3	5.1	5.7	6.4	7.1
85°	0.0	1.3	2.9	4.4	5.8	7.3	8.7	10.1	11.5	12.8	14.2
82.5°	0.0	1.9	4.4	6.6	8.7	10.9	13.0	15.1	18.9	29.8	40.2
80°	0.0	2.5	5.8	8.7	11.6	14.5	19.6	34.9	49.6	63.7	77.2
77.5°	0.0	3.2	7.2	10.9	14.5	22.7	42.7	61.9	80.0	97.4	119.0
75°	0.0	3.8	8.6	13.0	18.9	39.3	65.2	88.8	111.5	142.6	175.7
72.5°	0.0	4.4	10.0	15.1	30.1	55.4	87.0	117.7	153.3	191.2	231.3
70°	0.0	5.0	11.3	18.1	40.9	71.0	108.9	152.4	194.2	238.8	291.0
67.5°	0.0	5.6	12.6	24.8	51.4	85.8	135.1	186.2	234.3	290.6	350.5
65°	0.0	6.1	13.9	31.3	61.3	102.5	160.2	219.2	277.5	340.9	406.1
62.5°	0.0	6.7	15.1	37.4	70.8	120.8	184.0	253.6	319.3	388.9	455.8
60°	0.0	7.2	16.2	43.3	79.6	138.1	206.4	287.7	359.6	433.9	504.9
57.5°	0.0	7.7	19.5	48.7	91.5	154.3	230.0	319.6	399.2	478.0	551.4
55°	0.0	8.2	22.7	53.8	102.7	169.4	252.4	347.0	438.2	520.7	596.0
52.5°	0.0	8.7	25.8	58.6	113.2	183.7	273.1	375.6	476.3	560.0	639.5
50°	0.0	9.1	28.7	62.9	122.9	199.0	292.1	402.7	512.5	598.1	689.3
47.5°	0.0	9.6	31.5	67.4	131.6	212.8	309.9	427.9	545.3	634.9	738.1
45°	0.0	10.0	34.2	73.2	139.6	225.4	329.6	451.2	570.8	676.7	784.9
42.5°	0.0	10.3	36.7	78.5	146.6	236.5	347.7	472.6	595.2	716.6	839.9
40°	0.0	10.7	39.1	83.9	153.6	246.3	364.2	492.8	620.6	754.0	893.5
37.5°	0.0	11.0	41.3	89.3	160.6	254.6	378.9	512.0	649.1	789.5	943.8
35°	0.0	11.3	43.4	94.2	166.6	264.2	391.8	530.1	676.8	830.4	994.4
32.5°	0.0	11.6	45.3	98.8	171.6	273.8	403.9	547.1	703.8	869.7	1048.1
30°	0.0	11.8	47.0	103.0	175.6	282.0	416.4	564.0	729.7	907.2	1098.2
27.5°	0.0	12.0	48.6	106.8	181.6	288.8	427.6	583.7	756.5	942.9	1144.7
25°	0.0	12.2	50.0	110.3	187.3	294.2	437.4	602.0	784.4	979.1	1187.8
22.5°	0.0	12.4	51.3	113.3	192.2	299.6	445.9	618.7	810.1	1013.5	1233.6
20°	0.0	12.5	52.3	115.9	196.5	307.0	452.9	633.8	833.4	1044.2	1274.7
17.5°	0.0	12.6	53.2	118.1	200.1	313.1	461.6	647.0	854.1	1071.1	1310.9
15°	0.0	12.7	53.9	119.8	203.0	317.8	470.7	659.7	872.2	1094.2	1342.2
12.5°	0.0	12.7	54.5	121.2	205.2	321.3	478.1	671.6	888.5	1113.4	1368.3
10°	0.0	12.8	54.9	122.2	206.7	323.4	483.7	680.7	902.6	1131.4	1390.4
7.5°	0.0	12.8	55.1	122.7	207.6	324.2	487.6	687.1	913.5	1145.9	1409.4
5°	0.0	12.7	55.1	122.9	207.8	323.9	489.5	690.8	920.9	1156.4	1423.1
2.5°	0.0	12.7	55.0	122.6	207.3	322.3	489.6	691.6	924.9	1162.8	1431.3
0°	0.0	12.6	54.7	122.0	206.1	319.6	487.8	689.7	925.2	1164.9	1434.0
-2.5°	0.0	12.7	55.0	122.6	207.3	322.3	489.6	691.6	924.9	1162.8	1431.3
-5°	0.0	12.7	55.1	122.9	207.8	323.9	489.5	690.8	920.9	1156.4	1423.1
-7.5°	0.0	12.8	55.1	122.7	207.6	324.2	487.6	687.1	913.5	1145.9	1409.4
-10°	0.0	12.8	54.9	122.2	206.7	323.4	483.7	680.7	902.6	1131.4	1390.4
-12.5°	0.0	12.7	54.5	121.2	205.2	321.3	478.1	671.6	888.5	1113.4	1368.3
-15°	0.0	12.7	53.9	119.8	203.0	317.8	470.7	659.7	872.2	1094.2	1342.2
-17.5°	0.0	12.6	53.2	118.1	200.1	313.1	461.6	647.0	854.1	1071.1	1310.9
-20°	0.0	12.5	52.3	115.9	196.5	307.0	452.9	633.8	833.4	1044.2	1274.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.4	51.3	113.3	192.2	299.6	445.9	618.7	810.1	1013.5	1233.6
-25°	0.0	12.2	50.0	110.3	187.3	294.2	437.4	602.0	784.4	979.1	1187.8
-27.5°	0.0	12.0	48.6	106.8	181.6	288.8	427.6	583.7	756.5	942.9	1144.7
-30°	0.0	11.8	47.0	103.0	175.6	282.0	416.4	564.0	729.7	907.2	1098.2
-32.5°	0.0	11.6	45.3	98.8	171.6	273.8	403.9	547.1	703.8	869.7	1048.1
-35°	0.0	11.3	43.4	94.2	166.6	264.2	391.8	530.1	676.8	830.4	994.4
-37.5°	0.0	11.0	41.3	89.3	160.6	254.6	378.9	512.0	649.1	789.5	943.8
-40°	0.0	10.7	39.1	83.9	153.6	246.3	364.2	492.8	620.6	754.0	893.5
-42.5°	0.0	10.3	36.7	78.5	146.6	236.5	347.7	472.6	595.2	716.6	839.9
-45°	0.0	10.0	34.2	73.2	139.6	225.4	329.6	451.2	570.8	676.7	784.9
-47.5°	0.0	9.6	31.5	67.4	131.6	212.8	309.9	427.9	545.3	634.9	738.1
-50°	0.0	9.1	28.7	62.9	122.9	199.0	292.1	402.7	512.5	598.1	689.3
-52.5°	0.0	8.7	25.8	58.6	113.2	183.7	273.1	375.6	476.3	560.0	639.5
-55°	0.0	8.2	22.7	53.8	102.7	169.4	252.4	347.0	438.2	520.7	596.0
-57.5°	0.0	7.7	19.5	48.7	91.5	154.3	230.0	319.6	399.2	478.0	551.4
-60°	0.0	7.2	16.2	43.3	79.6	138.1	206.4	287.7	359.6	433.9	504.9
-62.5°	0.0	6.7	15.1	37.4	70.8	120.8	184.0	253.6	319.3	388.9	455.8
-65°	0.0	6.1	13.9	31.3	61.3	102.5	160.2	219.2	277.5	340.9	406.1
-67.5°	0.0	5.6	12.6	24.8	51.4	85.8	135.1	186.2	234.3	290.6	350.5
-70°	0.0	5.0	11.3	18.1	40.9	71.0	108.9	152.4	194.2	238.8	291.0
-72.5°	0.0	4.4	10.0	15.1	30.1	55.4	87.0	117.7	153.3	191.2	231.3
-75°	0.0	3.8	8.6	13.0	18.9	39.3	65.2	88.8	111.5	142.6	175.7
-77.5°	0.0	3.2	7.2	10.9	14.5	22.7	42.7	61.9	80.0	97.4	119.0
-80°	0.0	2.5	5.8	8.7	11.6	14.5	19.6	34.9	49.6	63.7	77.2
-82.5°	0.0	1.9	4.4	6.6	8.7	10.9	13.0	15.1	18.9	29.8	40.2
-85°	0.0	1.3	2.9	4.4	5.8	7.3	8.7	10.1	11.5	12.8	14.2
-87.5°	0.0	0.6	1.5	2.2	2.9	3.6	4.3	5.1	5.7	6.4	7.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-VWR-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°	8.2	9.4	10.7	12.0	12.1	12.2	12.1	11.9	12.4	12.9	13.3
85°	16.4	18.8	26.2	33.3	36.7	38.8	39.7	39.6	46.0	53.5	61.6
82.5°	51.1	61.7	71.7	81.3	83.8	83.9	83.0	83.3	98.4	115.8	133.6
80°	91.1	104.4	122.2	137.9	144.8	148.3	149.9	149.7	168.8	194.3	221.1
77.5°	144.5	167.0	186.6	203.3	212.3	220.2	226.7	231.7	256.3	288.5	320.4
75°	205.4	230.1	254.7	276.1	291.0	302.1	312.5	329.1	361.3	398.9	431.6
72.5°	269.6	301.2	328.5	351.8	372.8	395.1	420.1	447.4	481.4	518.9	553.2
70°	338.3	372.9	401.6	429.5	458.2	491.6	529.0	565.9	603.8	645.2	685.1
67.5°	405.4	438.8	472.6	507.9	550.7	595.4	639.6	690.5	742.5	788.5	829.7
65°	463.7	502.9	545.1	593.0	645.9	702.7	761.8	822.7	888.7	943.9	994.3
62.5°	519.4	566.5	617.8	677.5	744.9	812.2	887.6	963.9	1038.1	1103.2	1163.4
60°	570.6	627.7	692.6	765.8	844.5	934.0	1019.8	1106.6	1188.0	1261.7	1337.8
57.5°	620.6	692.4	770.3	858.1	957.7	1058.1	1159.0	1252.4	1344.5	1434.4	1520.4
55°	673.4	760.0	852.6	960.4	1072.7	1191.4	1300.1	1404.3	1505.8	1614.8	1718.5
52.5°	731.5	828.2	944.2	1064.8	1194.5	1322.0	1441.4	1560.0	1682.7	1806.1	1941.0
50°	787.6	908.2	1035.3	1175.6	1315.6	1452.2	1589.1	1725.7	1872.8	2024.1	2177.0
47.5°	853.1	984.8	1134.9	1285.3	1438.4	1590.4	1742.9	1908.0	2075.0	2250.6	2419.8
45°	919.5	1067.5	1229.2	1399.3	1564.8	1733.1	1911.4	2094.0	2289.9	2482.9	2686.4
42.5°	982.3	1149.6	1327.9	1511.6	1695.7	1883.7	2079.8	2293.1	2507.2	2729.8	2953.4
40°	1051.9	1227.8	1424.3	1626.7	1826.5	2034.9	2259.0	2490.1	2732.2	2977.0	3219.8
37.5°	1118.9	1312.2	1518.7	1736.6	1960.8	2189.8	2433.3	2695.4	2958.1	3221.5	3489.3
35°	1181.6	1392.2	1615.9	1847.2	2084.9	2345.6	2617.6	2897.5	3182.0	3467.0	3755.0
32.5°	1246.1	1467.6	1708.8	1956.3	2218.3	2497.8	2795.8	3099.1	3402.1	3706.3	4021.6
30°	1310.7	1546.7	1798.8	2059.5	2346.1	2650.6	2970.9	3292.1	3612.6	3947.5	4283.5
27.5°	1371.8	1621.8	1887.1	2166.2	2468.6	2792.1	3132.2	3476.3	3821.9	4177.9	4536.3
25°	1428.0	1692.9	1969.2	2268.8	2589.3	2928.2	3282.6	3641.6	4020.7	4401.6	4775.9
22.5°	1482.8	1758.2	2045.2	2363.4	2698.7	3054.6	3423.6	3802.8	4198.9	4608.0	4995.3
20°	1535.6	1820.4	2119.1	2449.0	2796.6	3168.5	3551.8	3948.9	4364.5	4784.5	5201.0
17.5°	1582.5	1875.7	2187.9	2529.1	2890.2	3272.5	3667.3	4077.5	4511.6	4946.9	5388.3
15°	1623.3	1923.8	2247.5	2599.0	2972.9	3367.1	3774.5	4196.4	4641.6	5095.0	5553.8
12.5°	1657.8	1964.6	2297.7	2658.4	3043.0	3448.2	3866.7	4303.3	4760.6	5226.6	5698.8
10°	1685.8	1997.8	2338.3	2707.0	3100.3	3515.3	3942.5	4391.5	4862.4	5338.6	5820.7
7.5°	1709.7	2025.5	2370.5	2744.5	3144.4	3567.8	4001.6	4460.2	4943.6	5426.0	5918.6
5°	1727.1	2047.9	2400.2	2775.8	3182.8	3608.8	4046.3	4509.2	5002.9	5488.1	5989.6
2.5°	1737.5	2062.5	2420.3	2796.2	3213.0	3639.5	4086.1	4552.5	5046.4	5537.5	6043.1
0°	1741.0	2069.0	2430.7	2804.9	3229.7	3654.4	4108.6	4575.4	5067.4	5567.8	6076.7
-2.5°	1737.5	2062.5	2420.3	2796.2	3213.0	3639.5	4086.1	4552.5	5046.4	5537.5	6043.1
-5°	1727.1	2047.9	2400.2	2775.8	3182.8	3608.8	4046.3	4509.2	5002.9	5488.1	5989.6
-7.5°	1709.7	2025.5	2370.5	2744.5	3144.4	3567.8	4001.6	4460.2	4943.6	5426.0	5918.6
-10°	1685.8	1997.8	2338.3	2707.0	3100.3	3515.3	3942.5	4391.5	4862.4	5338.6	5820.7
-12.5°	1657.8	1964.6	2297.7	2658.4	3043.0	3448.2	3866.7	4303.3	4760.6	5226.6	5698.8
-15°	1623.3	1923.8	2247.5	2599.0	2972.9	3367.1	3774.5	4196.4	4641.6	5095.0	5553.8
-17.5°	1582.5	1875.7	2187.9	2529.1	2890.2	3272.5	3667.3	4077.5	4511.6	4946.9	5388.3
-20°	1535.6	1820.4	2119.1	2449.0	2796.6	3168.5	3551.8	3948.9	4364.5	4784.5	5201.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1482.8	1758.2	2045.2	2363.4	2698.7	3054.6	3423.6	3802.8	4198.9	4608.0	4995.3
-25°	1428.0	1692.9	1969.2	2268.8	2589.3	2928.2	3282.6	3641.6	4020.7	4401.6	4775.9
-27.5°	1371.8	1621.8	1887.1	2166.2	2468.6	2792.1	3132.2	3476.3	3821.9	4177.9	4536.3
-30°	1310.7	1546.7	1798.8	2059.5	2346.1	2650.6	2970.9	3292.1	3612.6	3947.5	4283.5
-32.5°	1246.1	1467.6	1708.8	1956.3	2218.3	2497.8	2795.8	3099.1	3402.1	3706.3	4021.6
-35°	1181.6	1392.2	1615.9	1847.2	2084.9	2345.6	2617.6	2897.5	3182.0	3467.0	3755.0
-37.5°	1118.9	1312.2	1518.7	1736.6	1960.8	2189.8	2433.3	2695.4	2958.1	3221.5	3489.3
-40°	1051.9	1227.8	1424.3	1626.7	1826.5	2034.9	2259.0	2490.1	2732.2	2977.0	3219.8
-42.5°	982.3	1149.6	1327.9	1511.6	1695.7	1883.7	2079.8	2293.1	2507.2	2729.8	2953.4
-45°	919.5	1067.5	1229.2	1399.3	1564.8	1733.1	1911.4	2094.0	2289.9	2482.9	2686.4
-47.5°	853.1	984.8	1134.9	1285.3	1438.4	1590.4	1742.9	1908.0	2075.0	2250.6	2419.8
-50°	787.6	908.2	1035.3	1175.6	1315.6	1452.2	1589.1	1725.7	1872.8	2024.1	2177.0
-52.5°	731.5	828.2	944.2	1064.8	1194.5	1322.0	1441.4	1560.0	1682.7	1806.1	1941.0
-55°	673.4	760.0	852.6	960.4	1072.7	1191.4	1300.1	1404.3	1505.8	1614.8	1718.5
-57.5°	620.6	692.4	770.3	858.1	957.7	1058.1	1159.0	1252.4	1344.5	1434.4	1520.4
-60°	570.6	627.7	692.6	765.8	844.5	934.0	1019.8	1106.6	1188.0	1261.7	1337.8
-62.5°	519.4	566.5	617.8	677.5	744.9	812.2	887.6	963.9	1038.1	1103.2	1163.4
-65°	463.7	502.9	545.1	593.0	645.9	702.7	761.8	822.7	888.7	943.9	994.3
-67.5°	405.4	438.8	472.6	507.9	550.7	595.4	639.6	690.5	742.5	788.5	829.7
-70°	338.3	372.9	401.6	429.5	458.2	491.6	529.0	565.9	603.8	645.2	685.1
-72.5°	269.6	301.2	328.5	351.8	372.8	395.1	420.1	447.4	481.4	518.9	553.2
-75°	205.4	230.1	254.7	276.1	291.0	302.1	312.5	329.1	361.3	398.9	431.6
-77.5°	144.5	167.0	186.6	203.3	212.3	220.2	226.7	231.7	256.3	288.5	320.4
-80°	91.1	104.4	122.2	137.9	144.8	148.3	149.9	149.7	168.8	194.3	221.1
-82.5°	51.1	61.7	71.7	81.3	83.8	83.9	83.0	83.3	98.4	115.8	133.6
-85°	16.4	18.8	26.2	33.3	36.7	38.8	39.7	39.6	46.0	53.5	61.6
-87.5°	8.2	9.4	10.7	12.0	12.1	12.2	12.1	11.9	12.4	12.9	13.3
-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: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-VWR-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°	13.8	14.2	14.5	14.9	15.2	15.5	15.8	16.0	16.2	15.4	14.5
85°	70.2	75.2	79.8	84.3	88.5	92.5	96.2	99.7	103.0	94.1	84.2
82.5°	151.7	163.9	175.4	187.0	198.4	201.3	202.2	201.8	200.2	184.5	167.2
80°	247.6	268.2	287.7	307.0	326.0	328.1	325.9	322.0	316.5	295.9	272.6
77.5°	352.3	378.3	401.0	421.8	440.7	444.3	443.8	442.9	441.3	420.3	394.9
75°	459.7	485.1	509.5	530.3	547.7	555.7	559.6	562.4	563.9	548.8	529.1
72.5°	584.1	610.5	632.1	652.4	669.5	681.8	690.7	697.4	702.0	697.4	689.3
70°	719.2	747.5	771.3	794.2	817.4	836.0	850.0	860.2	866.7	870.9	873.9
67.5°	871.2	909.3	942.4	970.8	998.8	1025.1	1046.7	1064.4	1078.0	1089.6	1098.5
65°	1042.5	1091.2	1134.2	1173.8	1210.1	1248.2	1279.5	1305.8	1327.0	1344.4	1358.4
62.5°	1222.7	1282.2	1337.6	1391.3	1443.9	1495.7	1535.5	1571.7	1603.9	1631.6	1653.6
60°	1409.8	1477.5	1551.8	1622.7	1687.9	1747.5	1806.7	1858.0	1901.8	1938.2	1967.6
57.5°	1611.0	1698.6	1785.4	1873.5	1956.7	2034.5	2107.4	2171.7	2226.0	2270.6	2308.0
55°	1828.3	1938.0	2038.6	2149.7	2257.0	2354.7	2440.7	2516.3	2581.7	2636.4	2682.9
52.5°	2067.2	2200.5	2331.3	2457.6	2579.5	2692.7	2795.7	2883.8	2962.1	3029.2	3082.8
50°	2328.7	2481.2	2632.7	2773.3	2913.2	3043.9	3161.9	3264.1	3355.2	3434.1	3496.1
47.5°	2602.2	2775.7	2944.9	3105.9	3260.8	3405.9	3533.8	3650.2	3763.8	3856.4	3929.7
45°	2886.1	3080.8	3267.5	3451.5	3622.0	3784.7	3942.4	4087.4	4204.0	4306.1	4391.8
42.5°	3173.5	3390.6	3599.7	3800.4	3988.0	4176.2	4353.6	4512.1	4645.0	4761.1	4858.5
40°	3464.6	3702.3	3932.7	4151.6	4366.0	4571.2	4763.0	4930.1	5080.1	5217.9	5332.8
37.5°	3754.2	4015.8	4271.1	4516.2	4752.3	4974.6	5181.8	5370.7	5540.0	5696.9	5824.4
35°	4045.2	4332.1	4611.6	4881.3	5139.3	5384.5	5611.5	5826.4	6025.8	6184.8	6315.3
32.5°	4335.0	4643.5	4947.6	5244.6	5526.9	5791.3	6037.2	6274.7	6479.8	6654.6	6804.6
30°	4615.5	4949.7	5280.8	5602.8	5907.8	6194.2	6466.5	6717.7	6938.3	7129.4	7297.7
27.5°	4890.7	5249.7	5605.0	5949.0	6278.7	6590.0	6887.2	7159.6	7400.3	7608.1	7785.4
25°	5150.8	5536.6	5915.4	6280.1	6632.3	6975.7	7296.6	7593.7	7850.9	8079.1	8261.3
22.5°	5399.3	5810.8	6208.8	6592.4	6969.2	7339.3	7690.5	8000.9	8273.5	8511.9	8713.6
20°	5630.8	6071.8	6478.9	6884.7	7281.5	7676.7	8053.9	8381.3	8669.7	8923.6	9145.9
17.5°	5847.2	6299.5	6728.2	7160.2	7578.5	7993.1	8376.3	8727.2	9038.3	9307.9	9540.8
15°	6030.4	6487.2	6955.4	7416.6	7857.7	8277.6	8660.4	9026.9	9372.4	9663.9	9900.1
12.5°	6178.7	6653.8	7142.2	7631.9	8098.3	8517.6	8918.4	9290.3	9653.1	9980.5	10197.6
10°	6305.1	6794.3	7298.6	7797.9	8270.6	8714.3	9150.0	9543.2	9899.7	10192.9	10435.3
7.5°	6414.5	6918.4	7430.5	7930.7	8401.7	8860.1	9308.7	9726.3	10086.2	10362.5	10578.7
5°	6495.1	7010.9	7533.0	8037.7	8515.4	8975.3	9425.9	9838.3	10189.6	10470.7	10706.4
2.5°	6552.8	7073.4	7599.2	8104.7	8593.0	9054.1	9515.9	9932.9	10273.1	10530.6	10756.4
0°	<b>6589.7</b>	<b>7111.2</b>	<b>7641.0</b>	<b>8158.3</b>	<b>8637.7</b>	<b>9083.5</b>	<b>9579.7</b>	<b>9970.8</b>	<b>10324.0</b>	<b>10580.5</b>	<b>10816.0</b>
-2.5°	6552.8	7073.4	7599.2	8104.7	8593.0	9054.1	9515.9	9932.9	10273.1	10530.6	10756.4
-5°	6495.1	7010.9	7533.0	8037.7	8515.4	8975.3	9425.9	9838.3	10189.6	10470.7	10706.4
-7.5°	6414.5	6918.4	7430.5	7930.7	8401.7	8860.1	9308.7	9726.3	10086.2	10362.5	10578.7
-10°	6305.1	6794.3	7298.6	7797.9	8270.6	8714.3	9150.0	9543.2	9899.7	10192.9	10435.3
-12.5°	6178.7	6653.8	7142.2	7631.9	8098.3	8517.6	8918.4	9290.3	9653.1	9980.5	10197.6
-15°	6030.4	6487.2	6955.4	7416.6	7857.7	8277.6	8660.4	9026.9	9372.4	9663.9	9900.1
-17.5°	5847.2	6299.5	6728.2	7160.2	7578.5	7993.1	8376.3	8727.2	9038.3	9307.9	9540.8
-20°	5630.8	6071.8	6478.9	6884.7	7281.5	7676.7	8053.9	8381.3	8669.7	8923.6	9145.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5399.3	5810.8	6208.8	6592.4	6969.2	7339.3	7690.5	8000.9	8273.5	8511.9	8713.6
-25°	5150.8	5536.6	5915.4	6280.1	6632.3	6975.7	7296.6	7593.7	7850.9	8079.1	8261.3
-27.5°	4890.7	5249.7	5605.0	5949.0	6278.7	6590.0	6887.2	7159.6	7400.3	7608.1	7785.4
-30°	4615.5	4949.7	5280.8	5602.8	5907.8	6194.2	6466.5	6717.7	6938.3	7129.4	7297.7
-32.5°	4335.0	4643.5	4947.6	5244.6	5526.9	5791.3	6037.2	6274.7	6479.8	6654.6	6804.6
-35°	4045.2	4332.1	4611.6	4881.3	5139.3	5384.5	5611.5	5826.4	6025.8	6184.8	6315.3
-37.5°	3754.2	4015.8	4271.1	4516.2	4752.3	4974.6	5181.8	5370.7	5540.0	5696.9	5824.4
-40°	3464.6	3702.3	3932.7	4151.6	4366.0	4571.2	4763.0	4930.1	5080.1	5217.9	5332.8
-42.5°	3173.5	3390.6	3599.7	3800.4	3988.0	4176.2	4353.6	4512.1	4645.0	4761.1	4858.5
-45°	2886.1	3080.8	3267.5	3451.5	3622.0	3784.7	3942.4	4087.4	4204.0	4306.1	4391.8
-47.5°	2602.2	2775.7	2944.9	3105.9	3260.8	3405.9	3533.8	3650.2	3763.8	3856.4	3929.7
-50°	2328.7	2481.2	2632.7	2773.3	2913.2	3043.9	3161.9	3264.1	3355.2	3434.1	3496.1
-52.5°	2067.2	2200.5	2331.3	2457.6	2579.5	2692.7	2795.7	2883.8	2962.1	3029.2	3082.8
-55°	1828.3	1938.0	2038.6	2149.7	2257.0	2354.7	2440.7	2516.3	2581.7	2636.4	2682.9
-57.5°	1611.0	1698.6	1785.4	1873.5	1956.7	2034.5	2107.4	2171.7	2226.0	2270.6	2308.0
-60°	1409.8	1477.5	1551.8	1622.7	1687.9	1747.5	1806.7	1858.0	1901.8	1938.2	1967.6
-62.5°	1222.7	1282.2	1337.6	1391.3	1443.9	1495.7	1535.5	1571.7	1603.9	1631.6	1653.6
-65°	1042.5	1091.2	1134.2	1173.8	1210.1	1248.2	1279.5	1305.8	1327.0	1344.4	1358.4
-67.5°	871.2	909.3	942.4	970.8	998.8	1025.1	1046.7	1064.4	1078.0	1089.6	1098.5
-70°	719.2	747.5	771.3	794.2	817.4	836.0	850.0	860.2	866.7	870.9	873.9
-72.5°	584.1	610.5	632.1	652.4	669.5	681.8	690.7	697.4	702.0	697.4	689.3
-75°	459.7	485.1	509.5	530.3	547.7	555.7	559.6	562.4	563.9	548.8	529.1
-77.5°	352.3	378.3	401.0	421.8	440.7	444.3	443.8	442.9	441.3	420.3	394.9
-80°	247.6	268.2	287.7	307.0	326.0	328.1	325.9	322.0	316.5	295.9	272.6
-82.5°	151.7	163.9	175.4	187.0	198.4	201.3	202.2	201.8	200.2	184.5	167.2
-85°	70.2	75.2	79.8	84.3	88.5	92.5	96.2	99.7	103.0	94.1	84.2
-87.5°	13.8	14.2	14.5	14.9	15.2	15.5	15.8	16.0	16.2	15.4	14.5
-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: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-VWR-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°	13.5	12.6	12.6	12.6	12.6	12.6	13.5	14.5	15.4	16.2	16.0
85°	73.7	62.8	58.8	54.7	58.8	62.8	73.7	84.2	94.1	103.0	99.7
82.5°	148.9	130.0	123.9	117.7	123.9	130.0	148.9	167.2	184.5	200.2	201.8
80°	248.0	222.3	212.2	201.9	212.2	222.3	248.0	272.6	295.9	316.5	322.0
77.5°	368.0	339.8	327.7	315.4	327.7	339.8	368.0	394.9	420.3	441.3	442.9
75°	508.2	486.1	472.8	458.4	472.8	486.1	508.2	529.1	548.8	563.9	562.4
72.5°	680.1	669.3	659.5	647.6	659.5	669.3	680.1	689.3	697.4	702.0	697.4
70°	874.9	873.5	875.2	874.7	875.2	873.5	874.9	873.9	870.9	866.7	860.2
67.5°	1103.1	1103.4	1108.1	1110.2	1108.1	1103.4	1103.1	1098.5	1089.6	1078.0	1064.4
65°	1367.1	1370.3	1369.1	1362.5	1369.1	1370.3	1367.1	1358.4	1344.4	1327.0	1305.8
62.5°	1669.2	1678.3	1683.3	1682.1	1683.3	1678.3	1669.2	1653.6	1631.6	1603.9	1571.7
60°	1989.5	2003.6	2010.8	2010.1	2010.8	2003.6	1989.5	1967.6	1938.2	1901.8	1858.0
57.5°	2335.9	2354.1	2358.4	2350.8	2358.4	2354.1	2335.9	2308.0	2270.6	2226.0	2171.7
55°	2718.0	2741.3	2750.4	2746.1	2750.4	2741.3	2718.0	2682.9	2636.4	2581.7	2516.3
52.5°	3122.0	3147.3	3156.2	3149.8	3156.2	3147.3	3122.0	3082.8	3029.2	2962.1	2883.8
50°	3541.7	3572.2	3584.6	3578.7	3584.6	3572.2	3541.7	3496.1	3434.1	3355.2	3264.1
47.5°	3987.1	4027.8	4043.6	4032.9	4043.6	4027.8	3987.1	3929.7	3856.4	3763.8	3650.2
45°	4455.9	4498.1	4514.4	4503.9	4514.4	4498.1	4455.9	4391.8	4306.1	4204.0	4087.4
42.5°	4933.0	4987.8	5010.9	4991.7	5010.9	4987.8	4933.0	4858.5	4761.1	4645.0	4512.1
40°	5418.5	5478.0	5505.5	5492.1	5505.5	5478.0	5418.5	5332.8	5217.9	5080.1	4930.1
37.5°	5916.5	5975.7	6004.8	6005.2	6004.8	5975.7	5916.5	5824.4	5696.9	5540.0	5370.7
35°	6416.4	6488.1	6528.6	6526.6	6528.6	6488.1	6416.4	6315.3	6184.8	6025.8	5826.4
32.5°	6923.2	7000.8	7042.2	7048.1	7042.2	7000.8	6923.2	6804.6	6654.6	6479.8	6274.7
30°	7429.2	7514.5	7562.5	7582.2	7562.5	7514.5	7429.2	7297.7	7129.4	6938.3	6717.7
27.5°	7919.8	8024.8	8097.3	8103.6	8097.3	8024.8	7919.8	7785.4	7608.1	7400.3	7159.6
25°	8395.1	8502.0	8576.3	8591.4	8576.3	8502.0	8395.1	8261.3	8079.1	7850.9	7593.7
22.5°	8863.5	8975.2	9043.8	9070.8	9043.8	8975.2	8863.5	8713.6	8511.9	8273.5	8000.9
20°	9310.6	9431.7	9504.4	9533.4	9504.4	9431.7	9310.6	9145.9	8923.6	8669.7	8381.3
17.5°	9715.1	9843.1	9932.9	9958.2	9932.9	9843.1	9715.1	9540.8	9307.9	9038.3	8727.2
15°	10071.1	10192.5	10277.7	10311.4	10277.7	10192.5	10071.1	9900.1	9663.9	9372.4	9026.9
12.5°	10360.8	10469.4	10536.2	10567.9	10536.2	10469.4	10360.8	10197.6	9980.5	9653.1	9290.3
10°	10587.2	10696.1	10759.9	10803.4	10759.9	10696.1	10587.2	10435.3	10192.9	9899.7	9543.2
7.5°	10783.7	10895.3	10973.4	11034.7	10973.4	10895.3	10783.7	10578.7	10362.5	10086.2	9726.3
5°	10892.1	11078.5	11106.5	11148.3	11106.5	11078.5	10892.1	10706.4	10470.7	10189.6	9838.3
2.5°	10974.9	11107.0	11186.4	11177.7	11186.4	11107.0	10974.9	10756.4	10530.6	10273.1	9932.9
0°	11034.7	11152.5	11181.9	11219.8	11181.9	11152.5	11034.7	10816.0	10580.5	10324.0	9970.8
-2.5°	10974.9	11107.0	11186.4	11177.7	11186.4	11107.0	10974.9	10756.4	10530.6	10273.1	9932.9
-5°	10892.1	11078.5	11106.5	11148.3	11106.5	11078.5	10892.1	10706.4	10470.7	10189.6	9838.3
-7.5°	10783.7	10895.3	10973.4	11034.7	10973.4	10895.3	10783.7	10578.7	10362.5	10086.2	9726.3
-10°	10587.2	10696.1	10759.9	10803.4	10759.9	10696.1	10587.2	10435.3	10192.9	9899.7	9543.2
-12.5°	10360.8	10469.4	10536.2	10567.9	10536.2	10469.4	10360.8	10197.6	9980.5	9653.1	9290.3
-15°	10071.1	10192.5	10277.7	10311.4	10277.7	10192.5	10071.1	9900.1	9663.9	9372.4	9026.9
-17.5°	9715.1	9843.1	9932.9	9958.2	9932.9	9843.1	9715.1	9540.8	9307.9	9038.3	8727.2
-20°	9310.6	9431.7	9504.4	9533.4	9504.4	9431.7	9310.6	9145.9	8923.6	8669.7	8381.3



REPORT NUMBER: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8863.5	8975.2	9043.8	9070.8	9043.8	8975.2	8863.5	8713.6	8511.9	8273.5	8000.9
-25°	8395.1	8502.0	8576.3	8591.4	8576.3	8502.0	8395.1	8261.3	8079.1	7850.9	7593.7
-27.5°	7919.8	8024.8	8097.3	8103.6	8097.3	8024.8	7919.8	7785.4	7608.1	7400.3	7159.6
-30°	7429.2	7514.5	7562.5	7582.2	7562.5	7514.5	7429.2	7297.7	7129.4	6938.3	6717.7
-32.5°	6923.2	7000.8	7042.2	7048.1	7042.2	7000.8	6923.2	6804.6	6654.6	6479.8	6274.7
-35°	6416.4	6488.1	6528.6	6526.6	6528.6	6488.1	6416.4	6315.3	6184.8	6025.8	5826.4
-37.5°	5916.5	5975.7	6004.8	6005.2	6004.8	5975.7	5916.5	5824.4	5696.9	5540.0	5370.7
-40°	5418.5	5478.0	5505.5	5492.1	5505.5	5478.0	5418.5	5332.8	5217.9	5080.1	4930.1
-42.5°	4933.0	4987.8	5010.9	4991.7	5010.9	4987.8	4933.0	4858.5	4761.1	4645.0	4512.1
-45°	4455.9	4498.1	4514.4	4503.9	4514.4	4498.1	4455.9	4391.8	4306.1	4204.0	4087.4
-47.5°	3987.1	4027.8	4043.6	4032.9	4043.6	4027.8	3987.1	3929.7	3856.4	3763.8	3650.2
-50°	3541.7	3572.2	3584.6	3578.7	3584.6	3572.2	3541.7	3496.1	3434.1	3355.2	3264.1
-52.5°	3122.0	3147.3	3156.2	3149.8	3156.2	3147.3	3122.0	3082.8	3029.2	2962.1	2883.8
-55°	2718.0	2741.3	2750.4	2746.1	2750.4	2741.3	2718.0	2682.9	2636.4	2581.7	2516.3
-57.5°	2335.9	2354.1	2358.4	2350.8	2358.4	2354.1	2335.9	2308.0	2270.6	2226.0	2171.7
-60°	1989.5	2003.6	2010.8	2010.1	2010.8	2003.6	1989.5	1967.6	1938.2	1901.8	1858.0
-62.5°	1669.2	1678.3	1683.3	1682.1	1683.3	1678.3	1669.2	1653.6	1631.6	1603.9	1571.7
-65°	1367.1	1370.3	1369.1	1362.5	1369.1	1370.3	1367.1	1358.4	1344.4	1327.0	1305.8
-67.5°	1103.1	1103.4	1108.1	1110.2	1108.1	1103.4	1103.1	1098.5	1089.6	1078.0	1064.4
-70°	874.9	873.5	875.2	874.7	875.2	873.5	874.9	873.9	870.9	866.7	860.2
-72.5°	680.1	669.3	659.5	647.6	659.5	669.3	680.1	689.3	697.4	702.0	697.4
-75°	508.2	486.1	472.8	458.4	472.8	486.1	508.2	529.1	548.8	563.9	562.4
-77.5°	368.0	339.8	327.7	315.4	327.7	339.8	368.0	394.9	420.3	441.3	442.9
-80°	248.0	222.3	212.2	201.9	212.2	222.3	248.0	272.6	295.9	316.5	322.0
-82.5°	148.9	130.0	123.9	117.7	123.9	130.0	148.9	167.2	184.5	200.2	201.8
-85°	73.7	62.8	58.8	54.7	58.8	62.8	73.7	84.2	94.1	103.0	99.7
-87.5°	13.5	12.6	12.6	12.6	12.6	12.6	13.5	14.5	15.4	16.2	16.0
-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: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-VWR-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°	15.8	15.5	15.2	14.9	14.5	14.2	13.8	13.3	12.9	12.4	11.9
85°	96.2	92.5	88.5	84.3	79.8	75.2	70.2	61.6	53.5	46.0	39.6
82.5°	202.2	201.3	198.4	187.0	175.4	163.9	151.7	133.6	115.8	98.4	83.3
80°	325.9	328.1	326.0	307.0	287.7	268.2	247.6	221.1	194.3	168.8	149.7
77.5°	443.8	444.3	440.7	421.8	401.0	378.3	352.3	320.4	288.5	256.3	231.7
75°	559.6	555.7	547.7	530.3	509.5	485.1	459.7	431.6	398.9	361.3	329.1
72.5°	690.7	681.8	669.5	652.4	632.1	610.5	584.1	553.2	518.9	481.4	447.4
70°	850.0	836.0	817.4	794.2	771.3	747.5	719.2	685.1	645.2	603.8	565.9
67.5°	1046.7	1025.1	998.8	970.8	942.4	909.3	871.2	829.7	788.5	742.5	690.5
65°	1279.5	1248.2	1210.1	1173.8	1134.2	1091.2	1042.5	994.3	943.9	888.7	822.7
62.5°	1535.5	1495.7	1443.9	1391.3	1337.6	1282.2	1222.7	1163.4	1103.2	1038.1	963.9
60°	1806.7	1747.5	1687.9	1622.7	1551.8	1477.5	1409.8	1337.8	1261.7	1188.0	1106.6
57.5°	2107.4	2034.5	1956.7	1873.5	1785.4	1698.6	1611.0	1520.4	1434.4	1344.5	1252.4
55°	2440.7	2354.7	2257.0	2149.7	2038.6	1938.0	1828.3	1718.5	1614.8	1505.8	1404.3
52.5°	2795.7	2692.7	2579.5	2457.6	2331.3	2200.5	2067.2	1941.0	1806.1	1682.7	1560.0
50°	3161.9	3043.9	2913.2	2773.3	2632.7	2481.2	2328.7	2177.0	2024.1	1872.8	1725.7
47.5°	3533.8	3405.9	3260.8	3105.9	2944.9	2775.7	2602.2	2419.8	2250.6	2075.0	1908.0
45°	3942.4	3784.7	3622.0	3451.5	3267.5	3080.8	2886.1	2686.4	2482.9	2289.9	2094.0
42.5°	4353.6	4176.2	3988.0	3800.4	3599.7	3390.6	3173.5	2953.4	2729.8	2507.2	2293.1
40°	4763.0	4571.2	4366.0	4151.6	3932.7	3702.3	3464.6	3219.8	2977.0	2732.2	2490.1
37.5°	5181.8	4974.6	4752.3	4516.2	4271.1	4015.8	3754.2	3489.3	3221.5	2958.1	2695.4
35°	5611.5	5384.5	5139.3	4881.3	4611.6	4332.1	4045.2	3755.0	3467.0	3182.0	2897.5
32.5°	6037.2	5791.3	5526.9	5244.6	4947.6	4643.5	4335.0	4021.6	3706.3	3402.1	3099.1
30°	6466.5	6194.2	5907.8	5602.8	5280.8	4949.7	4615.5	4283.5	3947.5	3612.6	3292.1
27.5°	6887.2	6590.0	6278.7	5949.0	5605.0	5249.7	4890.7	4536.3	4177.9	3821.9	3476.3
25°	7296.6	6975.7	6632.3	6280.1	5915.4	5536.6	5150.8	4775.9	4401.6	4020.7	3641.6
22.5°	7690.5	7339.3	6969.2	6592.4	6208.8	5810.8	5399.3	4995.3	4608.0	4198.9	3802.8
20°	8053.9	7676.7	7281.5	6884.7	6478.9	6071.8	5630.8	5201.0	4784.5	4364.5	3948.9
17.5°	8376.3	7993.1	7578.5	7160.2	6728.2	6299.5	5847.2	5388.3	4946.9	4511.6	4077.5
15°	8660.4	8277.6	7857.7	7416.6	6955.4	6487.2	6030.4	5553.8	5095.0	4641.6	4196.4
12.5°	8918.4	8517.6	8098.3	7631.9	7142.2	6653.8	6178.7	5698.8	5226.6	4760.6	4303.3
10°	9150.0	8714.3	8270.6	7797.9	7298.6	6794.3	6305.1	5820.7	5338.6	4862.4	4391.5
7.5°	9308.7	8860.1	8401.7	7930.7	7430.5	6918.4	6414.5	5918.6	5426.0	4943.6	4460.2
5°	9425.9	8975.3	8515.4	8037.7	7533.0	7010.9	6495.1	5989.6	5488.1	5002.9	4509.2
2.5°	9515.9	9054.1	8593.0	8104.7	7599.2	7073.4	6552.8	6043.1	5537.5	5046.4	4552.5
0°	9579.7	9083.5	8637.7	8158.3	7641.0	7111.2	6589.7	6076.7	5567.8	5067.4	4575.4
-2.5°	9515.9	9054.1	8593.0	8104.7	7599.2	7073.4	6552.8	6043.1	5537.5	5046.4	4552.5
-5°	9425.9	8975.3	8515.4	8037.7	7533.0	7010.9	6495.1	5989.6	5488.1	5002.9	4509.2
-7.5°	9308.7	8860.1	8401.7	7930.7	7430.5	6918.4	6414.5	5918.6	5426.0	4943.6	4460.2
-10°	9150.0	8714.3	8270.6	7797.9	7298.6	6794.3	6305.1	5820.7	5338.6	4862.4	4391.5
-12.5°	8918.4	8517.6	8098.3	7631.9	7142.2	6653.8	6178.7	5698.8	5226.6	4760.6	4303.3
-15°	8660.4	8277.6	7857.7	7416.6	6955.4	6487.2	6030.4	5553.8	5095.0	4641.6	4196.4
-17.5°	8376.3	7993.1	7578.5	7160.2	6728.2	6299.5	5847.2	5388.3	4946.9	4511.6	4077.5
-20°	8053.9	7676.7	7281.5	6884.7	6478.9	6071.8	5630.8	5201.0	4784.5	4364.5	3948.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7690.5	7339.3	6969.2	6592.4	6208.8	5810.8	5399.3	4995.3	4608.0	4198.9	3802.8
-25°	7296.6	6975.7	6632.3	6280.1	5915.4	5536.6	5150.8	4775.9	4401.6	4020.7	3641.6
-27.5°	6887.2	6590.0	6278.7	5949.0	5605.0	5249.7	4890.7	4536.3	4177.9	3821.9	3476.3
-30°	6466.5	6194.2	5907.8	5602.8	5280.8	4949.7	4615.5	4283.5	3947.5	3612.6	3292.1
-32.5°	6037.2	5791.3	5526.9	5244.6	4947.6	4643.5	4335.0	4021.6	3706.3	3402.1	3099.1
-35°	5611.5	5384.5	5139.3	4881.3	4611.6	4332.1	4045.2	3755.0	3467.0	3182.0	2897.5
-37.5°	5181.8	4974.6	4752.3	4516.2	4271.1	4015.8	3754.2	3489.3	3221.5	2958.1	2695.4
-40°	4763.0	4571.2	4366.0	4151.6	3932.7	3702.3	3464.6	3219.8	2977.0	2732.2	2490.1
-42.5°	4353.6	4176.2	3988.0	3800.4	3599.7	3390.6	3173.5	2953.4	2729.8	2507.2	2293.1
-45°	3942.4	3784.7	3622.0	3451.5	3267.5	3080.8	2886.1	2686.4	2482.9	2289.9	2094.0
-47.5°	3533.8	3405.9	3260.8	3105.9	2944.9	2775.7	2602.2	2419.8	2250.6	2075.0	1908.0
-50°	3161.9	3043.9	2913.2	2773.3	2632.7	2481.2	2328.7	2177.0	2024.1	1872.8	1725.7
-52.5°	2795.7	2692.7	2579.5	2457.6	2331.3	2200.5	2067.2	1941.0	1806.1	1682.7	1560.0
-55°	2440.7	2354.7	2257.0	2149.7	2038.6	1938.0	1828.3	1718.5	1614.8	1505.8	1404.3
-57.5°	2107.4	2034.5	1956.7	1873.5	1785.4	1698.6	1611.0	1520.4	1434.4	1344.5	1252.4
-60°	1806.7	1747.5	1687.9	1622.7	1551.8	1477.5	1409.8	1337.8	1261.7	1188.0	1106.6
-62.5°	1535.5	1495.7	1443.9	1391.3	1337.6	1282.2	1222.7	1163.4	1103.2	1038.1	963.9
-65°	1279.5	1248.2	1210.1	1173.8	1134.2	1091.2	1042.5	994.3	943.9	888.7	822.7
-67.5°	1046.7	1025.1	998.8	970.8	942.4	909.3	871.2	829.7	788.5	742.5	690.5
-70°	850.0	836.0	817.4	794.2	771.3	747.5	719.2	685.1	645.2	603.8	565.9
-72.5°	690.7	681.8	669.5	652.4	632.1	610.5	584.1	553.2	518.9	481.4	447.4
-75°	559.6	555.7	547.7	530.3	509.5	485.1	459.7	431.6	398.9	361.3	329.1
-77.5°	443.8	444.3	440.7	421.8	401.0	378.3	352.3	320.4	288.5	256.3	231.7
-80°	325.9	328.1	326.0	307.0	287.7	268.2	247.6	221.1	194.3	168.8	149.7
-82.5°	202.2	201.3	198.4	187.0	175.4	163.9	151.7	133.6	115.8	98.4	83.3
-85°	96.2	92.5	88.5	84.3	79.8	75.2	70.2	61.6	53.5	46.0	39.6
-87.5°	15.8	15.5	15.2	14.9	14.5	14.2	13.8	13.3	12.9	12.4	11.9
-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: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-VWR-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°	12.1	12.2	12.1	12.0	10.7	9.4	8.2	7.1	6.4	5.7	5.1
85°	39.7	38.8	36.7	33.3	26.2	18.8	16.4	14.2	12.8	11.5	10.1
82.5°	83.0	83.9	83.8	81.3	71.7	61.7	51.1	40.2	29.8	18.9	15.1
80°	149.9	148.3	144.8	137.9	122.2	104.4	91.1	77.2	63.7	49.6	34.9
77.5°	226.7	220.2	212.3	203.3	186.6	167.0	144.5	119.0	97.4	80.0	61.9
75°	312.5	302.1	291.0	276.1	254.7	230.1	205.4	175.7	142.6	111.5	88.8
72.5°	420.1	395.1	372.8	351.8	328.5	301.2	269.6	231.3	191.2	153.3	117.7
70°	529.0	491.6	458.2	429.5	401.6	372.9	338.3	291.0	238.8	194.2	152.4
67.5°	639.6	595.4	550.7	507.9	472.6	438.8	405.4	350.5	290.6	234.3	186.2
65°	761.8	702.7	645.9	593.0	545.1	502.9	463.7	406.1	340.9	277.5	219.2
62.5°	887.6	812.2	744.9	677.5	617.8	566.5	519.4	455.8	388.9	319.3	253.6
60°	1019.8	934.0	844.5	765.8	692.6	627.7	570.6	504.9	433.9	359.6	287.7
57.5°	1159.0	1058.1	957.7	858.1	770.3	692.4	620.6	551.4	478.0	399.2	319.6
55°	1300.1	1191.4	1072.7	960.4	852.6	760.0	673.4	596.0	520.7	438.2	347.0
52.5°	1441.4	1322.0	1194.5	1064.8	944.2	828.2	731.5	639.5	560.0	476.3	375.6
50°	1589.1	1452.2	1315.6	1175.6	1035.3	908.2	787.6	689.3	598.1	512.5	402.7
47.5°	1742.9	1590.4	1438.4	1285.3	1134.9	984.8	853.1	738.1	634.9	545.3	427.9
45°	1911.4	1733.1	1564.8	1399.3	1229.2	1067.5	919.5	784.9	676.7	570.8	451.2
42.5°	2079.8	1883.7	1695.7	1511.6	1327.9	1149.6	982.3	839.9	716.6	595.2	472.6
40°	2259.0	2034.9	1826.5	1626.7	1424.3	1227.8	1051.9	893.5	754.0	620.6	492.8
37.5°	2433.3	2189.8	1960.8	1736.6	1518.7	1312.2	1118.9	943.8	789.5	649.1	512.0
35°	2617.6	2345.6	2084.9	1847.2	1615.9	1392.2	1181.6	994.4	830.4	676.8	530.1
32.5°	2795.8	2497.8	2218.3	1956.3	1708.8	1467.6	1246.1	1048.1	869.7	703.8	547.1
30°	2970.9	2650.6	2346.1	2059.5	1798.8	1546.7	1310.7	1098.2	907.2	729.7	564.0
27.5°	3132.2	2792.1	2468.6	2166.2	1887.1	1621.8	1371.8	1144.7	942.9	756.5	583.7
25°	3282.6	2928.2	2589.3	2268.8	1969.2	1692.9	1428.0	1187.8	979.1	784.4	602.0
22.5°	3423.6	3054.6	2698.7	2363.4	2045.2	1758.2	1482.8	1233.6	1013.5	810.1	618.7
20°	3551.8	3168.5	2796.6	2449.0	2119.1	1820.4	1535.6	1274.7	1044.2	833.4	633.8
17.5°	3667.3	3272.5	2890.2	2529.1	2187.9	1875.7	1582.5	1310.9	1071.1	854.1	647.0
15°	3774.5	3367.1	2972.9	2599.0	2247.5	1923.8	1623.3	1342.2	1094.2	872.2	659.7
12.5°	3866.7	3448.2	3043.0	2658.4	2297.7	1964.6	1657.8	1368.3	1113.4	888.5	671.6
10°	3942.5	3515.3	3100.3	2707.0	2338.3	1997.8	1685.8	1390.4	1131.4	902.6	680.7
7.5°	4001.6	3567.8	3144.4	2744.5	2370.5	2025.5	1709.7	1409.4	1145.9	913.5	687.1
5°	4046.3	3608.8	3182.8	2775.8	2400.2	2047.9	1727.1	1423.1	1156.4	920.9	690.8
2.5°	4086.1	3639.5	3213.0	2796.2	2420.3	2062.5	1737.5	1431.3	1162.8	924.9	691.6
0°	4108.6	3654.4	3229.7	2804.9	2430.7	2069.0	1741.0	1434.0	1164.9	925.2	689.7
-2.5°	4086.1	3639.5	3213.0	2796.2	2420.3	2062.5	1737.5	1431.3	1162.8	924.9	691.6
-5°	4046.3	3608.8	3182.8	2775.8	2400.2	2047.9	1727.1	1423.1	1156.4	920.9	690.8
-7.5°	4001.6	3567.8	3144.4	2744.5	2370.5	2025.5	1709.7	1409.4	1145.9	913.5	687.1
-10°	3942.5	3515.3	3100.3	2707.0	2338.3	1997.8	1685.8	1390.4	1131.4	902.6	680.7
-12.5°	3866.7	3448.2	3043.0	2658.4	2297.7	1964.6	1657.8	1368.3	1113.4	888.5	671.6
-15°	3774.5	3367.1	2972.9	2599.0	2247.5	1923.8	1623.3	1342.2	1094.2	872.2	659.7
-17.5°	3667.3	3272.5	2890.2	2529.1	2187.9	1875.7	1582.5	1310.9	1071.1	854.1	647.0
-20°	3551.8	3168.5	2796.6	2449.0	2119.1	1820.4	1535.6	1274.7	1044.2	833.4	633.8



REPORT NUMBER: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3423.6	3054.6	2698.7	2363.4	2045.2	1758.2	1482.8	1233.6	1013.5	810.1	618.7
-25°	3282.6	2928.2	2589.3	2268.8	1969.2	1692.9	1428.0	1187.8	979.1	784.4	602.0
-27.5°	3132.2	2792.1	2468.6	2166.2	1887.1	1621.8	1371.8	1144.7	942.9	756.5	583.7
-30°	2970.9	2650.6	2346.1	2059.5	1798.8	1546.7	1310.7	1098.2	907.2	729.7	564.0
-32.5°	2795.8	2497.8	2218.3	1956.3	1708.8	1467.6	1246.1	1048.1	869.7	703.8	547.1
-35°	2617.6	2345.6	2084.9	1847.2	1615.9	1392.2	1181.6	994.4	830.4	676.8	530.1
-37.5°	2433.3	2189.8	1960.8	1736.6	1518.7	1312.2	1118.9	943.8	789.5	649.1	512.0
-40°	2259.0	2034.9	1826.5	1626.7	1424.3	1227.8	1051.9	893.5	754.0	620.6	492.8
-42.5°	2079.8	1883.7	1695.7	1511.6	1327.9	1149.6	982.3	839.9	716.6	595.2	472.6
-45°	1911.4	1733.1	1564.8	1399.3	1229.2	1067.5	919.5	784.9	676.7	570.8	451.2
-47.5°	1742.9	1590.4	1438.4	1285.3	1134.9	984.8	853.1	738.1	634.9	545.3	427.9
-50°	1589.1	1452.2	1315.6	1175.6	1035.3	908.2	787.6	689.3	598.1	512.5	402.7
-52.5°	1441.4	1322.0	1194.5	1064.8	944.2	828.2	731.5	639.5	560.0	476.3	375.6
-55°	1300.1	1191.4	1072.7	960.4	852.6	760.0	673.4	596.0	520.7	438.2	347.0
-57.5°	1159.0	1058.1	957.7	858.1	770.3	692.4	620.6	551.4	478.0	399.2	319.6
-60°	1019.8	934.0	844.5	765.8	692.6	627.7	570.6	504.9	433.9	359.6	287.7
-62.5°	887.6	812.2	744.9	677.5	617.8	566.5	519.4	455.8	388.9	319.3	253.6
-65°	761.8	702.7	645.9	593.0	545.1	502.9	463.7	406.1	340.9	277.5	219.2
-67.5°	639.6	595.4	550.7	507.9	472.6	438.8	405.4	350.5	290.6	234.3	186.2
-70°	529.0	491.6	458.2	429.5	401.6	372.9	338.3	291.0	238.8	194.2	152.4
-72.5°	420.1	395.1	372.8	351.8	328.5	301.2	269.6	231.3	191.2	153.3	117.7
-75°	312.5	302.1	291.0	276.1	254.7	230.1	205.4	175.7	142.6	111.5	88.8
-77.5°	226.7	220.2	212.3	203.3	186.6	167.0	144.5	119.0	97.4	80.0	61.9
-80°	149.9	148.3	144.8	137.9	122.2	104.4	91.1	77.2	63.7	49.6	34.9
-82.5°	83.0	83.9	83.8	81.3	71.7	61.7	51.1	40.2	29.8	18.9	15.1
-85°	39.7	38.8	36.7	33.3	26.2	18.8	16.4	14.2	12.8	11.5	10.1
-87.5°	12.1	12.2	12.1	12.0	10.7	9.4	8.2	7.1	6.4	5.7	5.1
-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: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-VWR-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°	4.3	3.6	2.9	2.2	1.5	0.6	0.0
85°	8.7	7.3	5.8	4.4	2.9	1.3	0.0
82.5°	13.0	10.9	8.7	6.6	4.4	1.9	0.0
80°	19.6	14.5	11.6	8.7	5.8	2.5	0.0
77.5°	42.7	22.7	14.5	10.9	7.2	3.2	0.0
75°	65.2	39.3	18.9	13.0	8.6	3.8	0.0
72.5°	87.0	55.4	30.1	15.1	10.0	4.4	0.0
70°	108.9	71.0	40.9	18.1	11.3	5.0	0.0
67.5°	135.1	85.8	51.4	24.8	12.6	5.6	0.0
65°	160.2	102.5	61.3	31.3	13.9	6.1	0.0
62.5°	184.0	120.8	70.8	37.4	15.1	6.7	0.0
60°	206.4	138.1	79.6	43.3	16.2	7.2	0.0
57.5°	230.0	154.3	91.5	48.7	19.5	7.7	0.0
55°	252.4	169.4	102.7	53.8	22.7	8.2	0.0
52.5°	273.1	183.7	113.2	58.6	25.8	8.7	0.0
50°	292.1	199.0	122.9	62.9	28.7	9.1	0.0
47.5°	309.9	212.8	131.6	67.4	31.5	9.6	0.0
45°	329.6	225.4	139.6	73.2	34.2	10.0	0.0
42.5°	347.7	236.5	146.6	78.5	36.7	10.3	0.0
40°	364.2	246.3	153.6	83.9	39.1	10.7	0.0
37.5°	378.9	254.6	160.6	89.3	41.3	11.0	0.0
35°	391.8	264.2	166.6	94.2	43.4	11.3	0.0
32.5°	403.9	273.8	171.6	98.8	45.3	11.6	0.0
30°	416.4	282.0	175.6	103.0	47.0	11.8	0.0
27.5°	427.6	288.8	181.6	106.8	48.6	12.0	0.0
25°	437.4	294.2	187.3	110.3	50.0	12.2	0.0
22.5°	445.9	299.6	192.2	113.3	51.3	12.4	0.0
20°	452.9	307.0	196.5	115.9	52.3	12.5	0.0
17.5°	461.6	313.1	200.1	118.1	53.2	12.6	0.0
15°	470.7	317.8	203.0	119.8	53.9	12.7	0.0
12.5°	478.1	321.3	205.2	121.2	54.5	12.7	0.0
10°	483.7	323.4	206.7	122.2	54.9	12.8	0.0
7.5°	487.6	324.2	207.6	122.7	55.1	12.8	0.0
5°	489.5	323.9	207.8	122.9	55.1	12.7	0.0
2.5°	489.6	322.3	207.3	122.6	55.0	12.7	0.0
0°	487.8	319.6	206.1	122.0	54.7	12.6	0.0
-2.5°	489.6	322.3	207.3	122.6	55.0	12.7	0.0
-5°	489.5	323.9	207.8	122.9	55.1	12.7	0.0
-7.5°	487.6	324.2	207.6	122.7	55.1	12.8	0.0
-10°	483.7	323.4	206.7	122.2	54.9	12.8	0.0
-12.5°	478.1	321.3	205.2	121.2	54.5	12.7	0.0
-15°	470.7	317.8	203.0	119.8	53.9	12.7	0.0
-17.5°	461.6	313.1	200.1	118.1	53.2	12.6	0.0
-20°	452.9	307.0	196.5	115.9	52.3	12.5	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627351 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	445.9	299.6	192.2	113.3	51.3	12.4	0.0
-25°	437.4	294.2	187.3	110.3	50.0	12.2	0.0
-27.5°	427.6	288.8	181.6	106.8	48.6	12.0	0.0
-30°	416.4	282.0	175.6	103.0	47.0	11.8	0.0
-32.5°	403.9	273.8	171.6	98.8	45.3	11.6	0.0
-35°	391.8	264.2	166.6	94.2	43.4	11.3	0.0
-37.5°	378.9	254.6	160.6	89.3	41.3	11.0	0.0
-40°	364.2	246.3	153.6	83.9	39.1	10.7	0.0
-42.5°	347.7	236.5	146.6	78.5	36.7	10.3	0.0
-45°	329.6	225.4	139.6	73.2	34.2	10.0	0.0
-47.5°	309.9	212.8	131.6	67.4	31.5	9.6	0.0
-50°	292.1	199.0	122.9	62.9	28.7	9.1	0.0
-52.5°	273.1	183.7	113.2	58.6	25.8	8.7	0.0
-55°	252.4	169.4	102.7	53.8	22.7	8.2	0.0
-57.5°	230.0	154.3	91.5	48.7	19.5	7.7	0.0
-60°	206.4	138.1	79.6	43.3	16.2	7.2	0.0
-62.5°	184.0	120.8	70.8	37.4	15.1	6.7	0.0
-65°	160.2	102.5	61.3	31.3	13.9	6.1	0.0
-67.5°	135.1	85.8	51.4	24.8	12.6	5.6	0.0
-70°	108.9	71.0	40.9	18.1	11.3	5.0	0.0
-72.5°	87.0	55.4	30.1	15.1	10.0	4.4	0.0
-75°	65.2	39.3	18.9	13.0	8.6	3.8	0.0
-77.5°	42.7	22.7	14.5	10.9	7.2	3.2	0.0
-80°	19.6	14.5	11.6	8.7	5.8	2.5	0.0
-82.5°	13.0	10.9	8.7	6.6	4.4	1.9	0.0
-85°	8.7	7.3	5.8	4.4	2.9	1.3	0.0
-87.5°	4.3	3.6	2.9	2.2	1.5	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)