

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: P627601 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-750-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P627601 (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-SA5B-750-U-VWR-XX  
 Description: GALLEON FLOOD, FIVE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N129  
 Light Source: (80) 5000K CCT, 70 CRI LEDS  
 Ballast/Driver: -

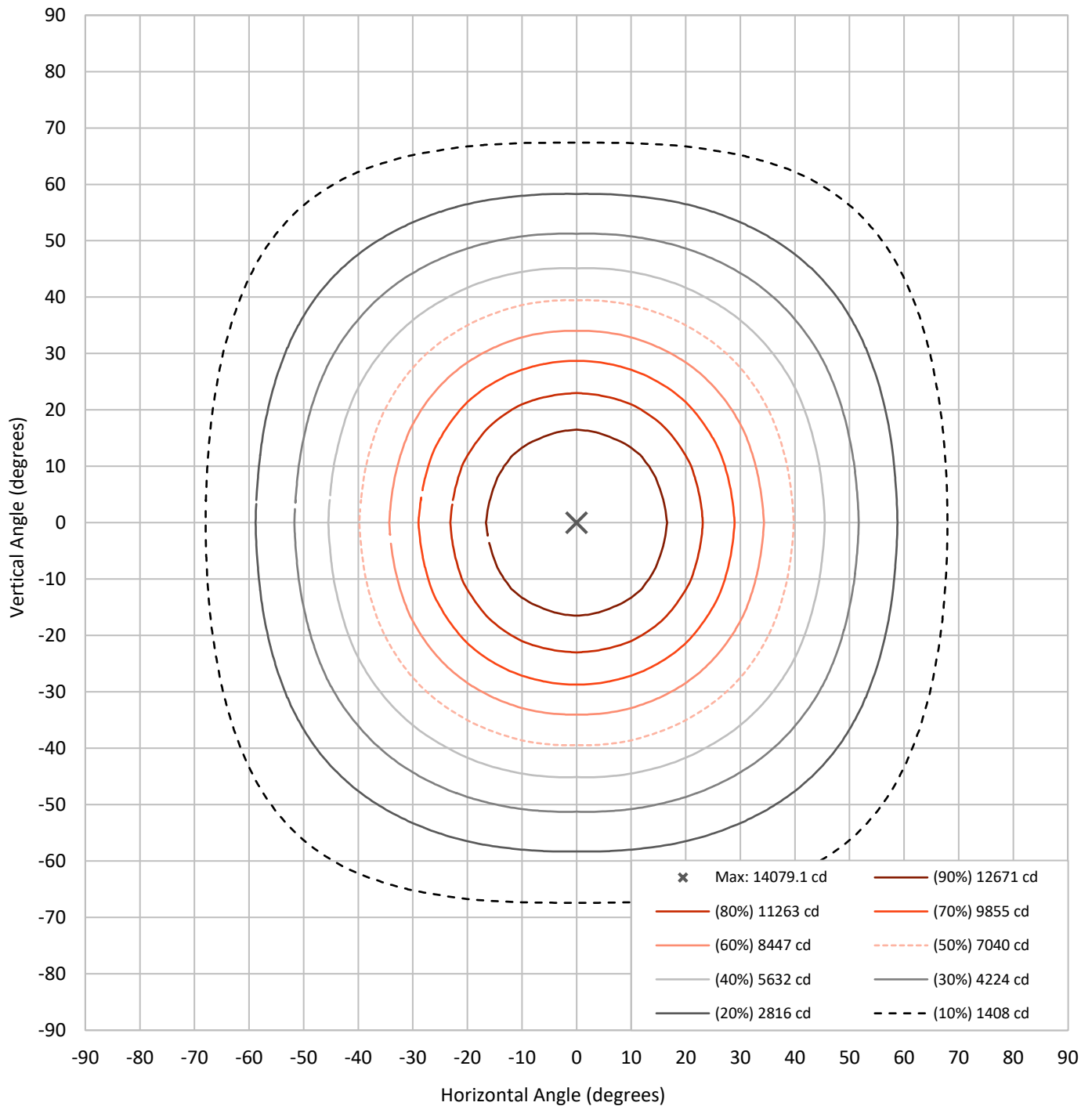
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	25446.8 lumens	Max Intensity:	14079.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	160.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	14924.7 lumens	Field Lumens:	24259.2 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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CATALOG NUMBER: GFLD-SA5B-750-U-VWR-XX

### Iso-Candela Plot





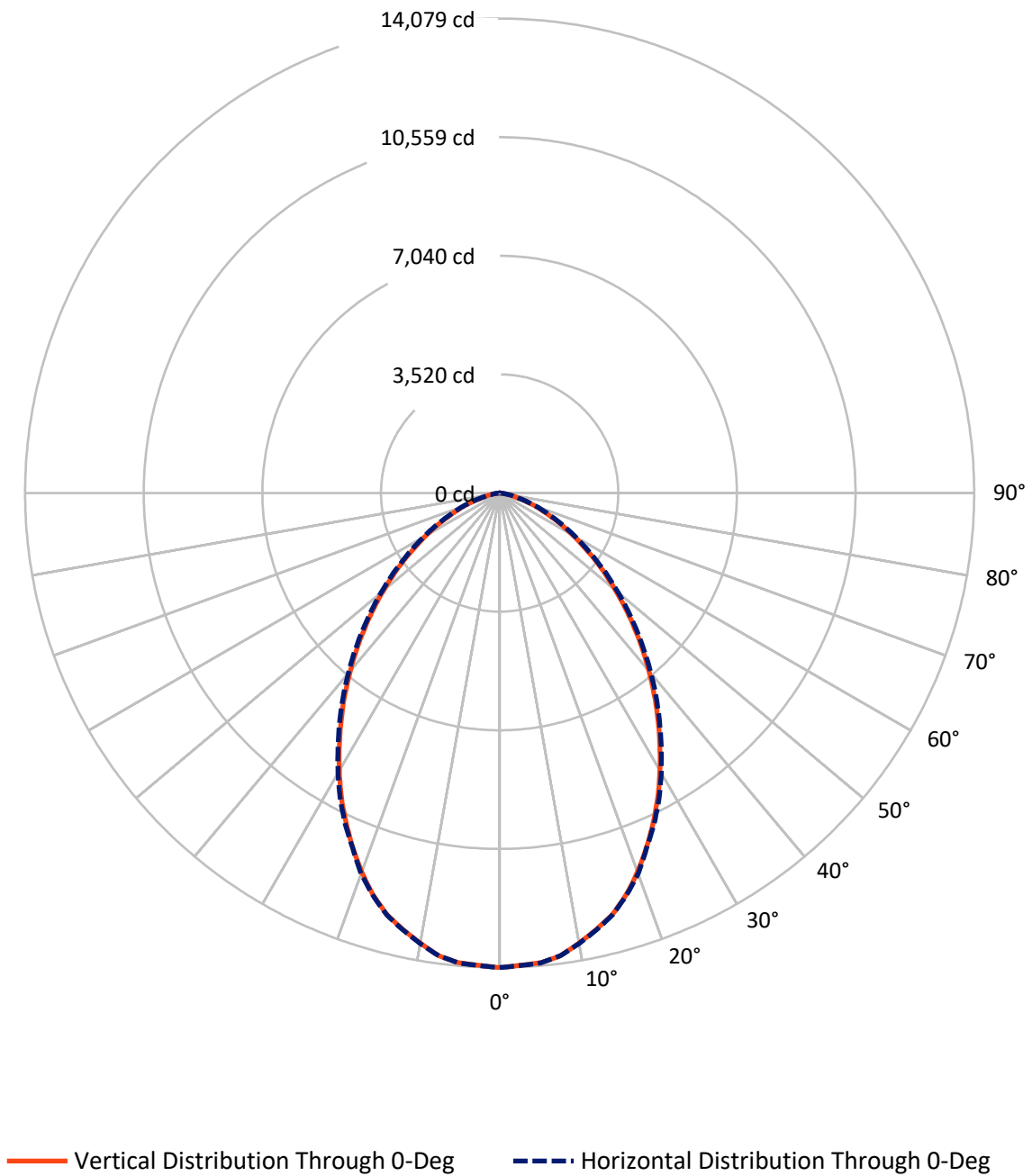
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### Lumen Table

90																			
80	0.9	10.4	28.4	48.2	45.4	48.2	28.4	10.4	0.9										
70																			
60	4.7	6.5	13.2	22.4	32.9	42.4	49.6	53.1	53.1	49.6	42.4	32.9	22.4	13.2	6.5	4.7			
50																			
40	8.3	9.8	21.4	38.2	57.8	78.6	95.6	104.5	104.5	95.6	78.6	57.8	38.2	21.4	9.8	8.3			
30																			
20	10.7	13.1	30.9	57.1	90.5	125.5	154.8	170.8	170.8	154.8	125.5	90.5	57.1	30.9	13.1	10.7			
10																			
0	11.6	16.6	41.0	78.7	126.7	177.6	221.1	245.9	245.9	221.1	177.6	126.7	78.7	41.0	16.6	11.6			
-10																			
-20	10.7	19.9	50.4	98.9	161.3	229.0	288.0	321.9	321.9	288.0	229.0	161.3	98.9	50.4	19.9	10.7			
-30																			
-40	8.3	22.5	57.7	114.0	188.3	270.6	343.2	384.5	384.5	343.2	270.6	188.3	114.0	57.7	22.5	8.3			
-50																			
-60	4.7	23.8	61.8	122.6	203.4	293.7	373.1	416.5	416.5	373.1	293.7	203.4	122.6	61.8	23.8	4.7			
-70																			
-80	0.9	23.8	61.8	122.6	203.4	293.7	373.1	416.5	416.5	373.1	293.7	203.4	122.6	61.8	23.8	0.9			
-90																			

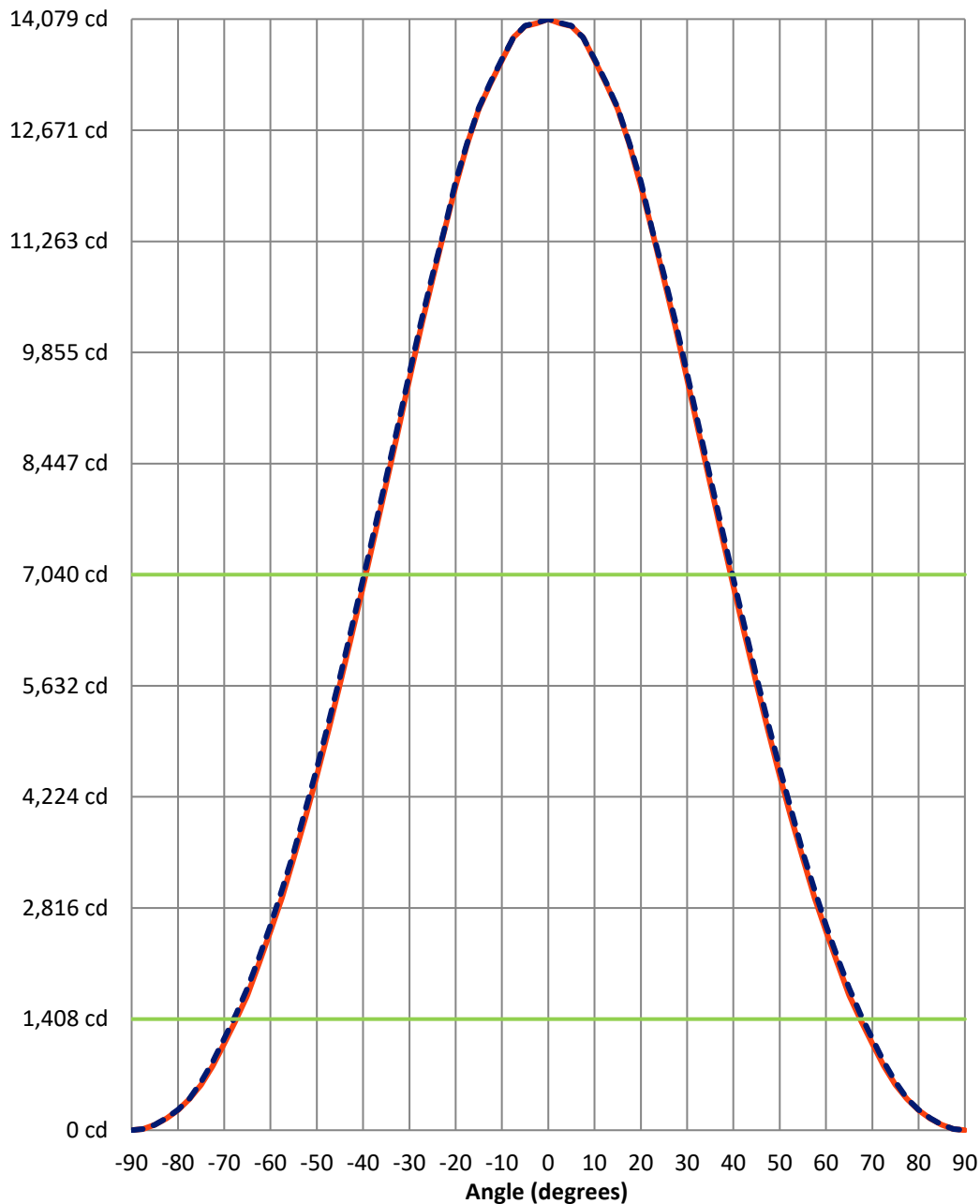
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 14924.7  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 24259.2  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 1187.6  
 Efficiency: 4.7%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.8	2.8	3.7	4.6	5.5	6.3	7.2	8.1	8.9
85°	0.0	1.6	3.7	5.5	7.3	9.1	10.9	12.7	14.4	16.1	17.8
82.5°	0.0	2.4	5.5	8.2	11.0	13.7	16.3	19.0	23.8	37.4	50.5
80°	0.0	3.2	7.3	11.0	14.6	18.2	24.6	43.8	62.2	80.0	96.9
77.5°	0.0	4.0	9.1	13.7	18.2	28.5	53.6	77.7	100.5	122.3	149.3
75°	0.0	4.8	10.8	16.3	23.7	49.3	81.9	111.5	139.9	179.0	220.4
72.5°	0.0	5.5	12.5	19.0	37.8	69.6	109.3	147.7	192.4	239.9	290.3
70°	0.0	6.3	14.2	22.7	51.4	89.1	136.7	191.2	243.7	299.7	365.2
67.5°	0.0	7.0	15.8	31.2	64.5	107.8	169.6	233.7	294.0	364.7	439.8
65°	0.0	7.7	17.4	39.3	77.0	128.7	201.0	275.0	348.2	427.7	509.5
62.5°	0.0	8.4	18.9	47.0	88.8	151.6	230.9	318.2	400.7	488.0	572.0
60°	0.0	9.0	20.4	54.3	100.0	173.3	259.0	361.0	451.2	544.4	633.5
57.5°	0.0	9.7	24.5	61.2	114.8	193.6	288.6	400.9	500.9	599.9	691.9
55°	0.0	10.3	28.5	67.6	128.9	212.6	316.7	435.4	549.9	653.4	747.9
52.5°	0.0	10.9	32.4	73.5	142.1	230.6	342.7	471.3	597.8	702.7	802.5
50°	0.0	11.5	36.0	78.9	154.2	249.7	366.4	505.3	643.2	750.5	865.0
47.5°	0.0	12.0	39.6	84.5	165.2	267.1	388.8	537.0	684.3	796.8	926.3
45°	0.0	12.5	42.9	91.9	175.1	282.8	413.6	566.2	716.3	849.1	984.9
42.5°	0.0	13.0	46.1	98.5	183.9	296.8	436.3	593.1	747.0	899.2	1053.9
40°	0.0	13.4	49.1	105.3	192.8	309.0	457.0	618.5	778.8	946.2	1121.2
37.5°	0.0	13.8	51.9	112.0	201.5	319.4	475.5	642.6	814.5	990.7	1184.3
35°	0.0	14.2	54.5	118.3	209.0	331.5	491.7	665.3	849.3	1042.0	1247.9
32.5°	0.0	14.5	56.8	124.0	215.3	343.5	506.8	686.5	883.1	1091.3	1315.2
30°	0.0	14.8	59.0	129.3	220.4	353.9	522.5	707.8	915.7	1138.4	1378.1
27.5°	0.0	15.1	61.0	134.1	227.9	362.4	536.6	732.5	949.2	1183.2	1436.5
25°	0.0	15.3	62.8	138.3	235.0	369.2	549.0	755.4	984.3	1228.7	1490.5
22.5°	0.0	15.5	64.3	142.1	241.2	376.0	559.6	776.4	1016.5	1271.8	1548.0
20°	0.0	15.7	65.6	145.4	246.6	385.3	568.3	795.3	1045.7	1310.3	1599.6
17.5°	0.0	15.8	66.7	148.1	251.1	392.9	579.3	811.9	1071.8	1344.1	1645.0
15°	0.0	15.9	67.6	150.3	254.7	398.9	590.7	827.8	1094.4	1373.0	1684.2
12.5°	0.0	16.0	68.3	152.0	257.5	403.2	600.0	842.7	1114.9	1397.1	1717.1
10°	0.0	16.0	68.8	153.2	259.4	405.8	607.0	854.2	1132.6	1419.6	1744.7
7.5°	0.0	16.0	69.1	153.9	260.5	406.9	611.8	862.2	1146.2	1437.8	1768.6
5°	0.0	16.0	69.1	154.1	260.7	406.4	614.3	866.7	1155.6	1451.0	1785.8
2.5°	0.0	15.9	69.0	153.8	260.1	404.5	614.4	867.8	1160.5	1459.0	1796.1
0°	0.0	15.8	68.6	153.0	258.6	401.1	612.1	865.4	1160.9	1461.7	1799.5
-2.5°	0.0	15.9	69.0	153.8	260.1	404.5	614.4	867.8	1160.5	1459.0	1796.1
-5°	0.0	16.0	69.1	154.1	260.7	406.4	614.3	866.7	1155.6	1451.0	1785.8
-7.5°	0.0	16.0	69.1	153.9	260.5	406.9	611.8	862.2	1146.2	1437.8	1768.6
-10°	0.0	16.0	68.8	153.2	259.4	405.8	607.0	854.2	1132.6	1419.6	1744.7
-12.5°	0.0	16.0	68.3	152.0	257.5	403.2	600.0	842.7	1114.9	1397.1	1717.1
-15°	0.0	15.9	67.6	150.3	254.7	398.9	590.7	827.8	1094.4	1373.0	1684.2
-17.5°	0.0	15.8	66.7	148.1	251.1	392.9	579.3	811.9	1071.8	1344.1	1645.0
-20°	0.0	15.7	65.6	145.4	246.6	385.3	568.3	795.3	1045.7	1310.3	1599.6

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CATALOG NUMBER: GFLD-SA5B-750-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	15.5	64.3	142.1	241.2	376.0	559.6	776.4	1016.5	1271.8	1548.0
-25°	0.0	15.3	62.8	138.3	235.0	369.2	549.0	755.4	984.3	1228.7	1490.5
-27.5°	0.0	15.1	61.0	134.1	227.9	362.4	536.6	732.5	949.2	1183.2	1436.5
-30°	0.0	14.8	59.0	129.3	220.4	353.9	522.5	707.8	915.7	1138.4	1378.1
-32.5°	0.0	14.5	56.8	124.0	215.3	343.5	506.8	686.5	883.1	1091.3	1315.2
-35°	0.0	14.2	54.5	118.3	209.0	331.5	491.7	665.3	849.3	1042.0	1247.9
-37.5°	0.0	13.8	51.9	112.0	201.5	319.4	475.5	642.6	814.5	990.7	1184.3
-40°	0.0	13.4	49.1	105.3	192.8	309.0	457.0	618.5	778.8	946.2	1121.2
-42.5°	0.0	13.0	46.1	98.5	183.9	296.8	436.3	593.1	747.0	899.2	1053.9
-45°	0.0	12.5	42.9	91.9	175.1	282.8	413.6	566.2	716.3	849.1	984.9
-47.5°	0.0	12.0	39.6	84.5	165.2	267.1	388.8	537.0	684.3	796.8	926.3
-50°	0.0	11.5	36.0	78.9	154.2	249.7	366.4	505.3	643.2	750.5	865.0
-52.5°	0.0	10.9	32.4	73.5	142.1	230.6	342.7	471.3	597.8	702.7	802.5
-55°	0.0	10.3	28.5	67.6	128.9	212.6	316.7	435.4	549.9	653.4	747.9
-57.5°	0.0	9.7	24.5	61.2	114.8	193.6	288.6	400.9	500.9	599.9	691.9
-60°	0.0	9.0	20.4	54.3	100.0	173.3	259.0	361.0	451.2	544.4	633.5
-62.5°	0.0	8.4	18.9	47.0	88.8	151.6	230.9	318.2	400.7	488.0	572.0
-65°	0.0	7.7	17.4	39.3	77.0	128.7	201.0	275.0	348.2	427.7	509.5
-67.5°	0.0	7.0	15.8	31.2	64.5	107.8	169.6	233.7	294.0	364.7	439.8
-70°	0.0	6.3	14.2	22.7	51.4	89.1	136.7	191.2	243.7	299.7	365.2
-72.5°	0.0	5.5	12.5	19.0	37.8	69.6	109.3	147.7	192.4	239.9	290.3
-75°	0.0	4.8	10.8	16.3	23.7	49.3	81.9	111.5	139.9	179.0	220.4
-77.5°	0.0	4.0	9.1	13.7	18.2	28.5	53.6	77.7	100.5	122.3	149.3
-80°	0.0	3.2	7.3	11.0	14.6	18.2	24.6	43.8	62.2	80.0	96.9
-82.5°	0.0	2.4	5.5	8.2	11.0	13.7	16.3	19.0	23.8	37.4	50.5
-85°	0.0	1.6	3.7	5.5	7.3	9.1	10.9	12.7	14.4	16.1	17.8
-87.5°	0.0	0.8	1.8	2.8	3.7	4.6	5.5	6.3	7.2	8.1	8.9
-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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**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°	10.3	11.9	13.5	15.1	15.3	15.3	15.2	14.9	15.6	16.2	16.7
85°	20.6	23.7	32.9	41.8	46.1	48.7	49.9	49.7	57.8	67.1	77.3
82.5°	64.2	77.4	90.0	102.1	105.2	105.2	104.2	104.5	123.5	145.3	167.6
80°	114.3	131.1	153.4	173.1	181.7	186.1	188.2	187.8	211.8	243.8	277.5
77.5°	181.4	209.6	234.2	255.1	266.4	276.4	284.4	290.7	321.5	362.0	402.1
75°	257.8	288.8	319.6	346.4	365.2	379.1	392.1	412.9	453.4	500.6	541.6
72.5°	338.4	378.0	412.3	441.4	467.8	495.8	527.1	561.4	604.1	651.2	694.1
70°	424.5	468.0	503.9	539.0	574.9	616.8	663.8	710.1	757.7	809.7	859.7
67.5°	508.7	550.6	593.0	637.3	691.0	747.1	802.7	866.5	931.7	989.4	1041.1
65°	581.8	631.0	684.0	744.1	810.5	881.8	956.0	1032.4	1115.2	1184.5	1247.7
62.5°	651.7	710.9	775.2	850.1	934.8	1019.2	1113.8	1209.5	1302.6	1384.4	1459.9
60°	716.1	787.7	869.2	961.0	1059.8	1172.0	1279.7	1388.6	1490.7	1583.2	1678.7
57.5°	778.7	868.9	966.6	1076.9	1201.8	1327.8	1454.4	1571.5	1687.1	1799.9	1907.9
55°	845.0	953.7	1069.9	1205.2	1346.0	1495.1	1631.4	1762.1	1889.6	2026.4	2156.5
52.5°	917.9	1039.4	1184.8	1336.2	1498.9	1658.9	1808.7	1957.6	2111.6	2266.5	2435.8
50°	988.3	1139.7	1299.2	1475.2	1650.9	1822.4	1994.1	2165.6	2350.1	2540.0	2731.9
47.5°	1070.6	1235.8	1424.1	1612.9	1805.0	1995.7	2187.1	2394.3	2603.9	2824.2	3036.4
45°	1153.8	1339.5	1542.4	1755.9	1963.6	2174.8	2398.6	2627.7	2873.5	3115.7	3371.0
42.5°	1232.7	1442.6	1666.3	1896.9	2127.9	2363.8	2609.9	2877.6	3146.1	3425.5	3706.1
40°	1320.0	1540.7	1787.3	2041.3	2291.9	2553.5	2834.8	3124.7	3428.5	3735.7	4040.4
37.5°	1404.1	1646.6	1905.8	2179.2	2460.5	2747.9	3053.4	3382.4	3711.9	4042.5	4378.5
35°	1482.7	1747.0	2027.8	2318.0	2616.3	2943.3	3284.7	3635.9	3993.0	4350.5	4712.0
32.5°	1563.7	1841.7	2144.3	2454.9	2783.7	3134.3	3508.3	3888.9	4269.1	4650.9	5046.5
30°	1644.8	1940.9	2257.2	2584.4	2944.0	3326.1	3728.0	4131.1	4533.4	4953.5	5375.1
27.5°	1721.4	2035.2	2368.1	2718.2	3097.6	3503.6	3930.5	4362.3	4796.0	5242.7	5692.4
25°	1792.0	2124.4	2471.1	2847.0	3249.1	3674.5	4119.2	4569.8	5045.4	5523.4	5993.0
22.5°	1860.8	2206.4	2566.4	2965.7	3386.4	3833.1	4296.1	4772.0	5269.0	5782.4	6268.4
20°	1927.0	2284.4	2659.2	3073.2	3509.4	3976.0	4457.0	4955.3	5476.8	6003.8	6526.6
17.5°	1985.8	2353.8	2745.6	3173.7	3626.8	4106.5	4602.0	5116.6	5661.3	6207.7	6761.5
15°	2037.0	2414.2	2820.4	3261.4	3730.5	4225.2	4736.5	5265.8	5824.5	6393.4	6969.1
12.5°	2080.3	2465.3	2883.3	3335.9	3818.5	4327.0	4852.1	5400.0	5973.8	6558.6	7151.1
10°	2115.5	2507.0	2934.3	3396.9	3890.4	4411.1	4947.3	5510.6	6101.6	6699.2	7304.1
7.5°	2145.4	2541.7	2974.7	3443.9	3945.8	4477.0	5021.4	5597.0	6203.4	6808.8	7427.0
5°	2167.2	2569.8	3011.9	3483.3	3994.0	4528.5	5077.6	5658.5	6277.9	6886.8	7516.2
2.5°	2180.3	2588.1	3037.1	3508.9	4031.9	4567.0	5127.5	5712.8	6332.5	6948.8	7583.2
0°	2184.7	2596.3	3050.1	3519.8	4052.8	4585.7	5155.7	5741.4	6358.8	6986.8	7625.3
-2.5°	2180.3	2588.1	3037.1	3508.9	4031.9	4567.0	5127.5	5712.8	6332.5	6948.8	7583.2
-5°	2167.2	2569.8	3011.9	3483.3	3994.0	4528.5	5077.6	5658.5	6277.9	6886.8	7516.2
-7.5°	2145.4	2541.7	2974.7	3443.9	3945.8	4477.0	5021.4	5597.0	6203.4	6808.8	7427.0
-10°	2115.5	2507.0	2934.3	3396.9	3890.4	4411.1	4947.3	5510.6	6101.6	6699.2	7304.1
-12.5°	2080.3	2465.3	2883.3	3335.9	3818.5	4327.0	4852.1	5400.0	5973.8	6558.6	7151.1
-15°	2037.0	2414.2	2820.4	3261.4	3730.5	4225.2	4736.5	5265.8	5824.5	6393.4	6969.1
-17.5°	1985.8	2353.8	2745.6	3173.7	3626.8	4106.5	4602.0	5116.6	5661.3	6207.7	6761.5
-20°	1927.0	2284.4	2659.2	3073.2	3509.4	3976.0	4457.0	4955.3	5476.8	6003.8	6526.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	1860.8	2206.4	2566.4	2965.7	3386.4	3833.1	4296.1	4772.0	5269.0	5782.4	6268.4
-25°	1792.0	2124.4	2471.1	2847.0	3249.1	3674.5	4119.2	4569.8	5045.4	5523.4	5993.0
-27.5°	1721.4	2035.2	2368.1	2718.2	3097.6	3503.6	3930.5	4362.3	4796.0	5242.7	5692.4
-30°	1644.8	1940.9	2257.2	2584.4	2944.0	3326.1	3728.0	4131.1	4533.4	4953.5	5375.1
-32.5°	1563.7	1841.7	2144.3	2454.9	2783.7	3134.3	3508.3	3888.9	4269.1	4650.9	5046.5
-35°	1482.7	1747.0	2027.8	2318.0	2616.3	2943.3	3284.7	3635.9	3993.0	4350.5	4712.0
-37.5°	1404.1	1646.6	1905.8	2179.2	2460.5	2747.9	3053.4	3382.4	3711.9	4042.5	4378.5
-40°	1320.0	1540.7	1787.3	2041.3	2291.9	2553.5	2834.8	3124.7	3428.5	3735.7	4040.4
-42.5°	1232.7	1442.6	1666.3	1896.9	2127.9	2363.8	2609.9	2877.6	3146.1	3425.5	3706.1
-45°	1153.8	1339.5	1542.4	1755.9	1963.6	2174.8	2398.6	2627.7	2873.5	3115.7	3371.0
-47.5°	1070.6	1235.8	1424.1	1612.9	1805.0	1995.7	2187.1	2394.3	2603.9	2824.2	3036.4
-50°	988.3	1139.7	1299.2	1475.2	1650.9	1822.4	1994.1	2165.6	2350.1	2540.0	2731.9
-52.5°	917.9	1039.4	1184.8	1336.2	1498.9	1658.9	1808.7	1957.6	2111.6	2266.5	2435.8
-55°	845.0	953.7	1069.9	1205.2	1346.0	1495.1	1631.4	1762.1	1889.6	2026.4	2156.5
-57.5°	778.7	868.9	966.6	1076.9	1201.8	1327.8	1454.4	1571.5	1687.1	1799.9	1907.9
-60°	716.1	787.7	869.2	961.0	1059.8	1172.0	1279.7	1388.6	1490.7	1583.2	1678.7
-62.5°	651.7	710.9	775.2	850.1	934.8	1019.2	1113.8	1209.5	1302.6	1384.4	1459.9
-65°	581.8	631.0	684.0	744.1	810.5	881.8	956.0	1032.4	1115.2	1184.5	1247.7
-67.5°	508.7	550.6	593.0	637.3	691.0	747.1	802.7	866.5	931.7	989.4	1041.1
-70°	424.5	468.0	503.9	539.0	574.9	616.8	663.8	710.1	757.7	809.7	859.7
-72.5°	338.4	378.0	412.3	441.4	467.8	495.8	527.1	561.4	604.1	651.2	694.1
-75°	257.8	288.8	319.6	346.4	365.2	379.1	392.1	412.9	453.4	500.6	541.6
-77.5°	181.4	209.6	234.2	255.1	266.4	276.4	284.4	290.7	321.5	362.0	402.1
-80°	114.3	131.1	153.4	173.1	181.7	186.1	188.2	187.8	211.8	243.8	277.5
-82.5°	64.2	77.4	90.0	102.1	105.2	105.2	104.2	104.5	123.5	145.3	167.6
-85°	20.6	23.7	32.9	41.8	46.1	48.7	49.9	49.7	57.8	67.1	77.3
-87.5°	10.3	11.9	13.5	15.1	15.3	15.3	15.2	14.9	15.6	16.2	16.7
-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: P627601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	17.3	17.8	18.3	18.7	19.1	19.5	19.8	20.1	20.4	19.3	18.2
85°	88.1	94.4	100.2	105.7	111.1	116.1	120.8	125.2	129.2	118.1	105.7
82.5°	190.3	205.6	220.1	234.6	248.9	252.6	253.7	253.2	251.2	231.5	209.7
80°	310.7	336.6	361.0	385.2	409.0	411.7	409.0	404.1	397.1	371.3	342.1
77.5°	442.1	474.7	503.2	529.3	553.1	557.6	556.9	555.7	553.8	527.5	495.6
75°	576.8	608.7	639.4	665.5	687.3	697.3	702.2	705.7	707.6	688.7	663.9
72.5°	733.0	766.1	793.2	818.6	840.0	855.6	866.7	875.2	880.9	875.2	865.0
70°	902.4	938.0	967.9	996.5	1025.6	1049.0	1066.6	1079.4	1087.5	1092.8	1096.5
67.5°	1093.2	1141.0	1182.6	1218.1	1253.3	1286.3	1313.5	1335.6	1352.7	1367.3	1378.4
65°	1308.2	1369.2	1423.3	1473.0	1518.5	1566.4	1605.7	1638.6	1665.1	1687.1	1704.7
62.5°	1534.2	1609.0	1678.4	1745.8	1811.8	1876.9	1926.8	1972.2	2012.6	2047.3	2075.0
60°	1769.1	1854.0	1947.2	2036.2	2118.1	2192.9	2267.1	2331.4	2386.5	2432.2	2469.0
57.5°	2021.6	2131.6	2240.5	2351.0	2455.3	2553.0	2644.4	2725.1	2793.3	2849.2	2896.2
55°	2294.3	2431.9	2558.2	2697.5	2832.2	2954.8	3062.8	3157.6	3239.6	3308.3	3366.7
52.5°	2594.1	2761.2	2925.4	3083.9	3236.8	3379.0	3508.2	3618.7	3717.0	3801.2	3868.4
50°	2922.1	3113.4	3303.7	3480.1	3655.7	3819.6	3967.7	4095.9	4210.2	4309.2	4387.1
47.5°	3265.3	3483.1	3695.5	3897.4	4091.7	4273.9	4434.3	4580.4	4723.0	4839.3	4931.2
45°	3621.6	3865.9	4100.2	4331.1	4545.2	4749.3	4947.2	5129.1	5275.4	5403.5	5511.1
42.5°	3982.2	4254.7	4517.1	4769.0	5004.4	5240.5	5463.0	5661.9	5828.8	5974.4	6096.7
40°	4347.5	4645.8	4935.0	5209.6	5478.7	5736.1	5976.8	6186.6	6374.7	6547.8	6691.9
37.5°	4711.0	5039.2	5359.5	5667.1	5963.4	6242.3	6502.5	6739.5	6951.8	7148.8	7308.8
35°	5076.1	5436.2	5786.8	6125.4	6449.0	6756.7	7041.5	7311.3	7561.5	7761.1	7924.7
32.5°	5439.8	5826.9	6208.5	6581.2	6935.4	7267.2	7575.8	7873.8	8131.2	8350.5	8538.8
30°	5791.7	6211.1	6626.6	7030.7	7413.3	7772.9	8114.6	8429.7	8706.5	8946.4	9157.5
27.5°	6137.1	6587.6	7033.4	7465.1	7878.8	8269.5	8642.4	8984.1	9286.2	9547.0	9769.6
25°	6463.5	6947.7	7422.9	7880.6	8322.5	8753.5	9156.1	9529.1	9851.7	10138.0	10366.7
22.5°	6775.3	7291.7	7791.0	8272.5	8745.3	9209.8	9650.6	10040.0	10382.0	10681.2	10934.3
20°	7065.7	7619.1	8130.0	8639.3	9137.2	9633.2	10106.5	10517.4	10879.2	11197.7	11476.8
17.5°	7337.3	7904.9	8442.9	8985.1	9509.8	10030.1	10511.0	10951.4	11341.8	11680.0	11972.3
15°	7567.2	8140.4	8728.0	9306.8	9860.2	10387.1	10867.5	11327.4	11760.9	12126.8	12423.1
12.5°	7753.4	8349.5	8962.5	9576.9	10162.2	10688.4	11191.3	11657.9	12113.2	12524.1	12796.5
10°	7912.0	8525.9	9158.7	9785.3	10378.4	10935.2	11481.9	11975.3	12422.7	12790.7	13094.8
7.5°	8049.2	8681.5	9324.2	9951.9	10543.0	11118.2	11681.1	12205.1	12656.7	13003.4	13274.8
5°	8150.4	8797.7	9452.8	10086.2	10685.7	11262.7	11828.2	12345.6	12786.4	13139.2	13435.0
2.5°	8222.8	8876.1	9535.9	10170.3	10783.0	11361.5	11941.1	12464.3	12891.2	13214.4	13497.7
0°	8269.1	8923.5	9588.4	10237.5	10839.0	11398.4	12021.1	12511.9	12955.1	13277.0	13572.6
-2.5°	8222.8	8876.1	9535.9	10170.3	10783.0	11361.5	11941.1	12464.3	12891.2	13214.4	13497.7
-5°	8150.4	8797.7	9452.8	10086.2	10685.7	11262.7	11828.2	12345.6	12786.4	13139.2	13435.0
-7.5°	8049.2	8681.5	9324.2	9951.9	10543.0	11118.2	11681.1	12205.1	12656.7	13003.4	13274.8
-10°	7912.0	8525.9	9158.7	9785.3	10378.4	10935.2	11481.9	11975.3	12422.7	12790.7	13094.8
-12.5°	7753.4	8349.5	8962.5	9576.9	10162.2	10688.4	11191.3	11657.9	12113.2	12524.1	12796.5
-15°	7567.2	8140.4	8728.0	9306.8	9860.2	10387.1	10867.5	11327.4	11760.9	12126.8	12423.1
-17.5°	7337.3	7904.9	8442.9	8985.1	9509.8	10030.1	10511.0	10951.4	11341.8	11680.0	11972.3
-20°	7065.7	7619.1	8130.0	8639.3	9137.2	9633.2	10106.5	10517.4	10879.2	11197.7	11476.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6775.3	7291.7	7791.0	8272.5	8745.3	9209.8	9650.6	10040.0	10382.0	10681.2	10934.3
-25°	6463.5	6947.7	7422.9	7880.6	8322.5	8753.5	9156.1	9529.1	9851.7	10138.0	10366.7
-27.5°	6137.1	6587.6	7033.4	7465.1	7878.8	8269.5	8642.4	8984.1	9286.2	9547.0	9769.6
-30°	5791.7	6211.1	6626.6	7030.7	7413.3	7772.9	8114.6	8429.7	8706.5	8946.4	9157.5
-32.5°	5439.8	5826.9	6208.5	6581.2	6935.4	7267.2	7575.8	7873.8	8131.2	8350.5	8538.8
-35°	5076.1	5436.2	5786.8	6125.4	6449.0	6756.7	7041.5	7311.3	7561.5	7761.1	7924.7
-37.5°	4711.0	5039.2	5359.5	5667.1	5963.4	6242.3	6502.5	6739.5	6951.8	7148.8	7308.8
-40°	4347.5	4645.8	4935.0	5209.6	5478.7	5736.1	5976.8	6186.6	6374.7	6547.8	6691.9
-42.5°	3982.2	4254.7	4517.1	4769.0	5004.4	5240.5	5463.0	5661.9	5828.8	5974.4	6096.7
-45°	3621.6	3865.9	4100.2	4331.1	4545.2	4749.3	4947.2	5129.1	5275.4	5403.5	5511.1
-47.5°	3265.3	3483.1	3695.5	3897.4	4091.7	4273.9	4434.3	4580.4	4723.0	4839.3	4931.2
-50°	2922.1	3113.4	3303.7	3480.1	3655.7	3819.6	3967.7	4095.9	4210.2	4309.2	4387.1
-52.5°	2594.1	2761.2	2925.4	3083.9	3236.8	3379.0	3508.2	3618.7	3717.0	3801.2	3868.4
-55°	2294.3	2431.9	2558.2	2697.5	2832.2	2954.8	3062.8	3157.6	3239.6	3308.3	3366.7
-57.5°	2021.6	2131.6	2240.5	2351.0	2455.3	2553.0	2644.4	2725.1	2793.3	2849.2	2896.2
-60°	1769.1	1854.0	1947.2	2036.2	2118.1	2192.9	2267.1	2331.4	2386.5	2432.2	2469.0
-62.5°	1534.2	1609.0	1678.4	1745.8	1811.8	1876.9	1926.8	1972.2	2012.6	2047.3	2075.0
-65°	1308.2	1369.2	1423.3	1473.0	1518.5	1566.4	1605.7	1638.6	1665.1	1687.1	1704.7
-67.5°	1093.2	1141.0	1182.6	1218.1	1253.3	1286.3	1313.5	1335.6	1352.7	1367.3	1378.4
-70°	902.4	938.0	967.9	996.5	1025.6	1049.0	1066.6	1079.4	1087.5	1092.8	1096.5
-72.5°	733.0	766.1	793.2	818.6	840.0	855.6	866.7	875.2	880.9	875.2	865.0
-75°	576.8	608.7	639.4	665.5	687.3	697.3	702.2	705.7	707.6	688.7	663.9
-77.5°	442.1	474.7	503.2	529.3	553.1	557.6	556.9	555.7	553.8	527.5	495.6
-80°	310.7	336.6	361.0	385.2	409.0	411.7	409.0	404.1	397.1	371.3	342.1
-82.5°	190.3	205.6	220.1	234.6	248.9	252.6	253.7	253.2	251.2	231.5	209.7
-85°	88.1	94.4	100.2	105.7	111.1	116.1	120.8	125.2	129.2	118.1	105.7
-87.5°	17.3	17.8	18.3	18.7	19.1	19.5	19.8	20.1	20.4	19.3	18.2
-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: P627601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	17.0	15.7	15.8	15.8	15.8	15.7	17.0	18.2	19.3	20.4	20.1
85°	92.5	78.8	73.8	68.6	73.8	78.8	92.5	105.7	118.1	129.2	125.2
82.5°	186.9	163.1	155.5	147.8	155.5	163.1	186.9	209.7	231.5	251.2	253.2
80°	311.2	279.0	266.3	253.3	266.3	279.0	311.2	342.1	371.3	397.1	404.1
77.5°	461.8	426.4	411.3	395.8	411.3	426.4	461.8	495.6	527.5	553.8	555.7
75°	637.8	610.0	593.2	575.2	593.2	610.0	637.8	663.9	688.7	707.6	705.7
72.5°	853.4	839.9	827.7	812.7	827.7	839.9	853.4	865.0	875.2	880.9	875.2
70°	1097.8	1096.1	1098.3	1097.6	1098.3	1096.1	1097.8	1096.5	1092.8	1087.5	1079.4
67.5°	1384.2	1384.6	1390.5	1393.1	1390.5	1384.6	1384.2	1378.4	1367.3	1352.7	1335.6
65°	1715.6	1719.6	1718.1	1709.8	1718.1	1719.6	1715.6	1704.7	1687.1	1665.1	1638.6
62.5°	2094.7	2106.0	2112.3	2110.8	2112.3	2106.0	2094.7	2075.0	2047.3	2012.6	1972.2
60°	2496.5	2514.4	2523.3	2522.4	2523.3	2514.4	2496.5	2469.0	2432.2	2386.5	2331.4
57.5°	2931.2	2954.1	2959.5	2949.9	2959.5	2954.1	2931.2	2896.2	2849.2	2793.3	2725.1
55°	3410.7	3440.0	3451.3	3445.9	3451.3	3440.0	3410.7	3366.7	3308.3	3239.6	3157.6
52.5°	3917.7	3949.4	3960.6	3952.5	3960.6	3949.4	3917.7	3868.4	3801.2	3717.0	3618.7
50°	4444.3	4482.6	4498.1	4490.8	4498.1	4482.6	4444.3	4387.1	4309.2	4210.2	4095.9
47.5°	5003.3	5054.3	5074.2	5060.7	5074.2	5054.3	5003.3	4931.2	4839.3	4723.0	4580.4
45°	5591.5	5644.4	5665.0	5651.7	5665.0	5644.4	5591.5	5511.1	5403.5	5275.4	5129.1
42.5°	6190.2	6258.9	6288.0	6263.8	6288.0	6258.9	6190.2	6096.7	5974.4	5828.8	5661.9
40°	6799.4	6874.1	6908.5	6891.8	6908.5	6874.1	6799.4	6691.9	6547.8	6374.7	6186.6
37.5°	7424.3	7498.6	7535.1	7535.6	7535.1	7498.6	7424.3	7308.8	7148.8	6951.8	6739.5
35°	8051.6	8141.6	8192.5	8190.0	8192.5	8141.6	8051.6	7924.7	7761.1	7561.5	7311.3
32.5°	8687.6	8785.0	8837.0	8844.3	8837.0	8785.0	8687.6	8538.8	8350.5	8131.2	7873.8
30°	9322.5	9429.6	9489.8	9514.5	9489.8	9429.6	9322.5	9157.5	8946.4	8706.5	8429.7
27.5°	9938.3	10070.1	10161.0	10168.9	10161.0	10070.1	9938.3	9769.6	9547.0	9286.2	8984.1
25°	10534.6	10668.8	10762.1	10781.0	10762.1	10668.8	10534.6	10366.7	10138.0	9851.7	9529.1
22.5°	11122.3	11262.6	11348.7	11382.6	11348.7	11262.6	11122.3	10934.3	10681.2	10382.0	10040.0
20°	11683.4	11835.4	11926.7	11963.1	11926.7	11835.4	11683.4	11476.8	11197.7	10879.2	10517.4
17.5°	12191.0	12351.7	12464.4	12496.0	12464.4	12351.7	12191.0	11972.3	11680.0	11341.8	10951.4
15°	12637.7	12790.1	12897.1	12939.3	12897.1	12790.1	12637.7	12423.1	12126.8	11760.9	11327.4
12.5°	13001.3	13137.6	13221.4	13261.2	13221.4	13137.6	13001.3	12796.5	12524.1	12113.2	11657.9
10°	13285.4	13422.1	13502.1	13556.7	13502.1	13422.1	13285.4	13094.8	12790.7	12422.7	11975.3
7.5°	13531.9	13672.0	13769.9	13847.0	13769.9	13672.0	13531.9	13274.8	13003.4	12656.7	12205.1
5°	13668.0	13901.9	13937.0	13989.4	13937.0	13901.9	13668.0	13435.0	13139.2	12786.4	12345.6
2.5°	13771.8	13937.7	14037.4	14026.4	14037.4	13937.7	13771.8	13497.7	13214.4	12891.2	12464.3
0°	13847.0	13994.7	14031.7	14079.1	14031.7	13994.7	13847.0	13572.6	13277.0	12955.1	12511.9
-2.5°	13771.8	13937.7	14037.4	14026.4	14037.4	13937.7	13771.8	13497.7	13214.4	12891.2	12464.3
-5°	13668.0	13901.9	13937.0	13989.4	13937.0	13901.9	13668.0	13435.0	13139.2	12786.4	12345.6
-7.5°	13531.9	13672.0	13769.9	13847.0	13769.9	13672.0	13531.9	13274.8	13003.4	12656.7	12205.1
-10°	13285.4	13422.1	13502.1	13556.7	13502.1	13422.1	13285.4	13094.8	12790.7	12422.7	11975.3
-12.5°	13001.3	13137.6	13221.4	13261.2	13221.4	13137.6	13001.3	12796.5	12524.1	12113.2	11657.9
-15°	12637.7	12790.1	12897.1	12939.3	12897.1	12790.1	12637.7	12423.1	12126.8	11760.9	11327.4
-17.5°	12191.0	12351.7	12464.4	12496.0	12464.4	12351.7	12191.0	11972.3	11680.0	11341.8	10951.4
-20°	11683.4	11835.4	11926.7	11963.1	11926.7	11835.4	11683.4	11476.8	11197.7	10879.2	10517.4



REPORT NUMBER: P627601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	11122.3	11262.6	11348.7	11382.6	11348.7	11262.6	11122.3	10934.3	10681.2	10382.0	10040.0
-25°	10534.6	10668.8	10762.1	10781.0	10762.1	10668.8	10534.6	10366.7	10138.0	9851.7	9529.1
-27.5°	9938.3	10070.1	10161.0	10168.9	10161.0	10070.1	9938.3	9769.6	9547.0	9286.2	8984.1
-30°	9322.5	9429.6	9489.8	9514.5	9489.8	9429.6	9322.5	9157.5	8946.4	8706.5	8429.7
-32.5°	8687.6	8785.0	8837.0	8844.3	8837.0	8785.0	8687.6	8538.8	8350.5	8131.2	7873.8
-35°	8051.6	8141.6	8192.5	8190.0	8192.5	8141.6	8051.6	7924.7	7761.1	7561.5	7311.3
-37.5°	7424.3	7498.6	7535.1	7535.6	7535.1	7498.6	7424.3	7308.8	7148.8	6951.8	6739.5
-40°	6799.4	6874.1	6908.5	6891.8	6908.5	6874.1	6799.4	6691.9	6547.8	6374.7	6186.6
-42.5°	6190.2	6258.9	6288.0	6263.8	6288.0	6258.9	6190.2	6096.7	5974.4	5828.8	5661.9
-45°	5591.5	5644.4	5665.0	5651.7	5665.0	5644.4	5591.5	5511.1	5403.5	5275.4	5129.1
-47.5°	5003.3	5054.3	5074.2	5060.7	5074.2	5054.3	5003.3	4931.2	4839.3	4723.0	4580.4
-50°	4444.3	4482.6	4498.1	4490.8	4498.1	4482.6	4444.3	4387.1	4309.2	4210.2	4095.9
-52.5°	3917.7	3949.4	3960.6	3952.5	3960.6	3949.4	3917.7	3868.4	3801.2	3717.0	3618.7
-55°	3410.7	3440.0	3451.3	3445.9	3451.3	3440.0	3410.7	3366.7	3308.3	3239.6	3157.6
-57.5°	2931.2	2954.1	2959.5	2949.9	2959.5	2954.1	2931.2	2896.2	2849.2	2793.3	2725.1
-60°	2496.5	2514.4	2523.3	2522.4	2523.3	2514.4	2496.5	2469.0	2432.2	2386.5	2331.4
-62.5°	2094.7	2106.0	2112.3	2110.8	2112.3	2106.0	2094.7	2075.0	2047.3	2012.6	1972.2
-65°	1715.6	1719.6	1718.1	1709.8	1718.1	1719.6	1715.6	1704.7	1687.1	1665.1	1638.6
-67.5°	1384.2	1384.6	1390.5	1393.1	1390.5	1384.6	1384.2	1378.4	1367.3	1352.7	1335.6
-70°	1097.8	1096.1	1098.3	1097.6	1098.3	1096.1	1097.8	1096.5	1092.8	1087.5	1079.4
-72.5°	853.4	839.9	827.7	812.7	827.7	839.9	853.4	865.0	875.2	880.9	875.2
-75°	637.8	610.0	593.2	575.2	593.2	610.0	637.8	663.9	688.7	707.6	705.7
-77.5°	461.8	426.4	411.3	395.8	411.3	426.4	461.8	495.6	527.5	553.8	555.7
-80°	311.2	279.0	266.3	253.3	266.3	279.0	311.2	342.1	371.3	397.1	404.1
-82.5°	186.9	163.1	155.5	147.8	155.5	163.1	186.9	209.7	231.5	251.2	253.2
-85°	92.5	78.8	73.8	68.6	73.8	78.8	92.5	105.7	118.1	129.2	125.2
-87.5°	17.0	15.7	15.8	15.8	15.8	15.7	17.0	18.2	19.3	20.4	20.1
-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: P627601 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-750-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°	19.8	19.5	19.1	18.7	18.3	17.8	17.3	16.7	16.2	15.6	14.9
85°	120.8	116.1	111.1	105.7	100.2	94.4	88.1	77.3	67.1	57.8	49.7
82.5°	253.7	252.6	248.9	234.6	220.1	205.6	190.3	167.6	145.3	123.5	104.5
80°	409.0	411.7	409.0	385.2	361.0	336.6	310.7	277.5	243.8	211.8	187.8
77.5°	556.9	557.6	553.1	529.3	503.2	474.7	442.1	402.1	362.0	321.5	290.7
75°	702.2	697.3	687.3	665.5	639.4	608.7	576.8	541.6	500.6	453.4	412.9
72.5°	866.7	855.6	840.0	818.6	793.2	766.1	733.0	694.1	651.2	604.1	561.4
70°	1066.6	1049.0	1025.6	996.5	967.9	938.0	902.4	859.7	809.7	757.7	710.1
67.5°	1313.5	1286.3	1253.3	1218.1	1182.6	1141.0	1093.2	1041.1	989.4	931.7	866.5
65°	1605.7	1566.4	1518.5	1473.0	1423.3	1369.2	1308.2	1247.7	1184.5	1115.2	1032.4
62.5°	1926.8	1876.9	1811.8	1745.8	1678.4	1609.0	1534.2	1459.9	1384.4	1302.6	1209.5
60°	2267.1	2192.9	2118.1	2036.2	1947.2	1854.0	1769.1	1678.7	1583.2	1490.7	1388.6
57.5°	2644.4	2553.0	2455.3	2351.0	2240.5	2131.6	2021.6	1907.9	1799.9	1687.1	1571.5
55°	3062.8	2954.8	2832.2	2697.5	2558.2	2431.9	2294.3	2156.5	2026.4	1889.6	1762.1
52.5°	3508.2	3379.0	3236.8	3083.9	2925.4	2761.2	2594.1	2435.8	2266.5	2111.6	1957.6
50°	3967.7	3819.6	3655.7	3480.1	3303.7	3113.4	2922.1	2731.9	2540.0	2350.1	2165.6
47.5°	4434.3	4273.9	4091.7	3897.4	3695.5	3483.1	3265.3	3036.4	2824.2	2603.9	2394.3
45°	4947.2	4749.3	4545.2	4331.1	4100.2	3865.9	3621.6	3371.0	3115.7	2873.5	2627.7
42.5°	5463.0	5240.5	5004.4	4769.0	4517.1	4254.7	3982.2	3706.1	3425.5	3146.1	2877.6
40°	5976.8	5736.1	5478.7	5209.6	4935.0	4645.8	4347.5	4040.4	3735.7	3428.5	3124.7
37.5°	6502.5	6242.3	5963.4	5667.1	5359.5	5039.2	4711.0	4378.5	4042.5	3711.9	3382.4
35°	7041.5	6756.7	6449.0	6125.4	5786.8	5436.2	5076.1	4712.0	4350.5	3993.0	3635.9
32.5°	7575.8	7267.2	6935.4	6581.2	6208.5	5826.9	5439.8	5046.5	4650.9	4269.1	3888.9
30°	8114.6	7772.9	7413.3	7030.7	6626.6	6211.1	5791.7	5375.1	4953.5	4533.4	4131.1
27.5°	8642.4	8269.5	7878.8	7465.1	7033.4	6587.6	6137.1	5692.4	5242.7	4796.0	4362.3
25°	9156.1	8753.5	8322.5	7880.6	7422.9	6947.7	6463.5	5993.0	5523.4	5045.4	4569.8
22.5°	9650.6	9209.8	8745.3	8272.5	7791.0	7291.7	6775.3	6268.4	5782.4	5269.0	4772.0
20°	10106.5	9633.2	9137.2	8639.3	8130.0	7619.1	7065.7	6526.6	6003.8	5476.8	4955.3
17.5°	10511.0	10030.1	9509.8	8985.1	8442.9	7904.9	7337.3	6761.5	6207.7	5661.3	5116.6
15°	10867.5	10387.1	9860.2	9306.8	8728.0	8140.4	7567.2	6969.1	6393.4	5824.5	5265.8
12.5°	11191.3	10688.4	10162.2	9576.9	8962.5	8349.5	7753.4	7151.1	6558.6	5973.8	5400.0
10°	11481.9	10935.2	10378.4	9785.3	9158.7	8525.9	7912.0	7304.1	6699.2	6101.6	5510.6
7.5°	11681.1	11118.2	10543.0	9951.9	9324.2	8681.5	8049.2	7427.0	6808.8	6203.4	5597.0
5°	11828.2	11262.7	10685.7	10086.2	9452.8	8797.7	8150.4	7516.2	6886.8	6277.9	5658.5
2.5°	11941.1	11361.5	10783.0	10170.3	9535.9	8876.1	8222.8	7583.2	6948.8	6332.5	5712.8
0°	12021.1	11398.4	10839.0	10237.5	9588.4	8923.5	8269.1	7625.3	6986.8	6358.8	5741.4
-2.5°	11941.1	11361.5	10783.0	10170.3	9535.9	8876.1	8222.8	7583.2	6948.8	6332.5	5712.8
-5°	11828.2	11262.7	10685.7	10086.2	9452.8	8797.7	8150.4	7516.2	6886.8	6277.9	5658.5
-7.5°	11681.1	11118.2	10543.0	9951.9	9324.2	8681.5	8049.2	7427.0	6808.8	6203.4	5597.0
-10°	11481.9	10935.2	10378.4	9785.3	9158.7	8525.9	7912.0	7304.1	6699.2	6101.6	5510.6
-12.5°	11191.3	10688.4	10162.2	9576.9	8962.5	8349.5	7753.4	7151.1	6558.6	5973.8	5400.0
-15°	10867.5	10387.1	9860.2	9306.8	8728.0	8140.4	7567.2	6969.1	6393.4	5824.5	5265.8
-17.5°	10511.0	10030.1	9509.8	8985.1	8442.9	7904.9	7337.3	6761.5	6207.7	5661.3	5116.6
-20°	10106.5	9633.2	9137.2	8639.3	8130.0	7619.1	7065.7	6526.6	6003.8	5476.8	4955.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9650.6	9209.8	8745.3	8272.5	7791.0	7291.7	6775.3	6268.4	5782.4	5269.0	4772.0
-25°	9156.1	8753.5	8322.5	7880.6	7422.9	6947.7	6463.5	5993.0	5523.4	5045.4	4569.8
-27.5°	8642.4	8269.5	7878.8	7465.1	7033.4	6587.6	6137.1	5692.4	5242.7	4796.0	4362.3
-30°	8114.6	7772.9	7413.3	7030.7	6626.6	6211.1	5791.7	5375.1	4953.5	4533.4	4131.1
-32.5°	7575.8	7267.2	6935.4	6581.2	6208.5	5826.9	5439.8	5046.5	4650.9	4269.1	3888.9
-35°	7041.5	6756.7	6449.0	6125.4	5786.8	5436.2	5076.1	4712.0	4350.5	3993.0	3635.9
-37.5°	6502.5	6242.3	5963.4	5667.1	5359.5	5039.2	4711.0	4378.5	4042.5	3711.9	3382.4
-40°	5976.8	5736.1	5478.7	5209.6	4935.0	4645.8	4347.5	4040.4	3735.7	3428.5	3124.7
-42.5°	5463.0	5240.5	5004.4	4769.0	4517.1	4254.7	3982.2	3706.1	3425.5	3146.1	2877.6
-45°	4947.2	4749.3	4545.2	4331.1	4100.2	3865.9	3621.6	3371.0	3115.7	2873.5	2627.7
-47.5°	4434.3	4273.9	4091.7	3897.4	3695.5	3483.1	3265.3	3036.4	2824.2	2603.9	2394.3
-50°	3967.7	3819.6	3655.7	3480.1	3303.7	3113.4	2922.1	2731.9	2540.0	2350.1	2165.6
-52.5°	3508.2	3379.0	3236.8	3083.9	2925.4	2761.2	2594.1	2435.8	2266.5	2111.6	1957.6
-55°	3062.8	2954.8	2832.2	2697.5	2558.2	2431.9	2294.3	2156.5	2026.4	1889.6	1762.1
-57.5°	2644.4	2553.0	2455.3	2351.0	2240.5	2131.6	2021.6	1907.9	1799.9	1687.1	1571.5
-60°	2267.1	2192.9	2118.1	2036.2	1947.2	1854.0	1769.1	1678.7	1583.2	1490.7	1388.6
-62.5°	1926.8	1876.9	1811.8	1745.8	1678.4	1609.0	1534.2	1459.9	1384.4	1302.6	1209.5
-65°	1605.7	1566.4	1518.5	1473.0	1423.3	1369.2	1308.2	1247.7	1184.5	1115.2	1032.4
-67.5°	1313.5	1286.3	1253.3	1218.1	1182.6	1141.0	1093.2	1041.1	989.4	931.7	866.5
-70°	1066.6	1049.0	1025.6	996.5	967.9	938.0	902.4	859.7	809.7	757.7	710.1
-72.5°	866.7	855.6	840.0	818.6	793.2	766.1	733.0	694.1	651.2	604.1	561.4
-75°	702.2	697.3	687.3	665.5	639.4	608.7	576.8	541.6	500.6	453.4	412.9
-77.5°	556.9	557.6	553.1	529.3	503.2	474.7	442.1	402.1	362.0	321.5	290.7
-80°	409.0	411.7	409.0	385.2	361.0	336.6	310.7	277.5	243.8	211.8	187.8
-82.5°	253.7	252.6	248.9	234.6	220.1	205.6	190.3	167.6	145.3	123.5	104.5
-85°	120.8	116.1	111.1	105.7	100.2	94.4	88.1	77.3	67.1	57.8	49.7
-87.5°	19.8	19.5	19.1	18.7	18.3	17.8	17.3	16.7	16.2	15.6	14.9
-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: P627601 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-750-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°	15.2	15.3	15.3	15.1	13.5	11.9	10.3	8.9	8.1	7.2	6.3
85°	49.9	48.7	46.1	41.8	32.9	23.7	20.6	17.8	16.1	14.4	12.7
82.5°	104.2	105.2	105.2	102.1	90.0	77.4	64.2	50.5	37.4	23.8	19.0
80°	188.2	186.1	181.7	173.1	153.4	131.1	114.3	96.9	80.0	62.2	43.8
77.5°	284.4	276.4	266.4	255.1	234.2	209.6	181.4	149.3	122.3	100.5	77.7
75°	392.1	379.1	365.2	346.4	319.6	288.8	257.8	220.4	179.0	139.9	111.5
72.5°	527.1	495.8	467.8	441.4	412.3	378.0	338.4	290.3	239.9	192.4	147.7
70°	663.8	616.8	574.9	539.0	503.9	468.0	424.5	365.2	299.7	243.7	191.2
67.5°	802.7	747.1	691.0	637.3	593.0	550.6	508.7	439.8	364.7	294.0	233.7
65°	956.0	881.8	810.5	744.1	684.0	631.0	581.8	509.5	427.7	348.2	275.0
62.5°	1113.8	1019.2	934.8	850.1	775.2	710.9	651.7	572.0	488.0	400.7	318.2
60°	1279.7	1172.0	1059.8	961.0	869.2	787.7	716.1	633.5	544.4	451.2	361.0
57.5°	1454.4	1327.8	1201.8	1076.9	966.6	868.9	778.7	691.9	599.9	500.9	400.9
55°	1631.4	1495.1	1346.0	1205.2	1069.9	953.7	845.0	747.9	653.4	549.9	435.4
52.5°	1808.7	1658.9	1498.9	1336.2	1184.8	1039.4	917.9	802.5	702.7	597.8	471.3
50°	1994.1	1822.4	1650.9	1475.2	1299.2	1139.7	988.3	865.0	750.5	643.2	505.3
47.5°	2187.1	1995.7	1805.0	1612.9	1424.1	1235.8	1070.6	926.3	796.8	684.3	537.0
45°	2398.6	2174.8	1963.6	1755.9	1542.4	1339.5	1153.8	984.9	849.1	716.3	566.2
42.5°	2609.9	2363.8	2127.9	1896.9	1666.3	1442.6	1232.7	1053.9	899.2	747.0	593.1
40°	2834.8	2553.5	2291.9	2041.3	1787.3	1540.7	1320.0	1121.2	946.2	778.8	618.5
37.5°	3053.4	2747.9	2460.5	2179.2	1905.8	1646.6	1404.1	1184.3	990.7	814.5	642.6
35°	3284.7	2943.3	2616.3	2318.0	2027.8	1747.0	1482.7	1247.9	1042.0	849.3	665.3
32.5°	3508.3	3134.3	2783.7	2454.9	2144.3	1841.7	1563.7	1315.2	1091.3	883.1	686.5
30°	3728.0	3326.1	2944.0	2584.4	2257.2	1940.9	1644.8	1378.1	1138.4	915.7	707.8
27.5°	3930.5	3503.6	3097.6	2718.2	2368.1	2035.2	1721.4	1436.5	1183.2	949.2	732.5
25°	4119.2	3674.5	3249.1	2847.0	2471.1	2124.4	1792.0	1490.5	1228.7	984.3	755.4
22.5°	4296.1	3833.1	3386.4	2965.7	2566.4	2206.4	1860.8	1548.0	1271.8	1016.5	776.4
20°	4457.0	3976.0	3509.4	3073.2	2659.2	2284.4	1927.0	1599.6	1310.3	1045.7	795.3
17.5°	4602.0	4106.5	3626.8	3173.7	2745.6	2353.8	1985.8	1645.0	1344.1	1071.8	811.9
15°	4736.5	4225.2	3730.5	3261.4	2820.4	2414.2	2037.0	1684.2	1373.0	1094.4	827.8
12.5°	4852.1	4327.0	3818.5	3335.9	2883.3	2465.3	2080.3	1717.1	1397.1	1114.9	842.7
10°	4947.3	4411.1	3890.4	3396.9	2934.3	2507.0	2115.5	1744.7	1419.6	1132.6	854.2
7.5°	5021.4	4477.0	3945.8	3443.9	2974.7	2541.7	2145.4	1768.6	1437.8	1146.2	862.2
5°	5077.6	4528.5	3994.0	3483.3	3011.9	2569.8	2167.2	1785.8	1451.0	1155.6	866.7
2.5°	5127.5	4567.0	4031.9	3508.9	3037.1	2588.1	2180.3	1796.1	1459.0	1160.5	867.8
0°	5155.7	4585.7	4052.8	3519.8	3050.1	2596.3	2184.7	1799.5	1461.7	1160.9	865.4
-2.5°	5127.5	4567.0	4031.9	3508.9	3037.1	2588.1	2180.3	1796.1	1459.0	1160.5	867.8
-5°	5077.6	4528.5	3994.0	3483.3	3011.9	2569.8	2167.2	1785.8	1451.0	1155.6	866.7
-7.5°	5021.4	4477.0	3945.8	3443.9	2974.7	2541.7	2145.4	1768.6	1437.8	1146.2	862.2
-10°	4947.3	4411.1	3890.4	3396.9	2934.3	2507.0	2115.5	1744.7	1419.6	1132.6	854.2
-12.5°	4852.1	4327.0	3818.5	3335.9	2883.3	2465.3	2080.3	1717.1	1397.1	1114.9	842.7
-15°	4736.5	4225.2	3730.5	3261.4	2820.4	2414.2	2037.0	1684.2	1373.0	1094.4	827.8
-17.5°	4602.0	4106.5	3626.8	3173.7	2745.6	2353.8	1985.8	1645.0	1344.1	1071.8	811.9
-20°	4457.0	3976.0	3509.4	3073.2	2659.2	2284.4	1927.0	1599.6	1310.3	1045.7	795.3

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

Scaled Data Report



REPORT NUMBER: P627601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	4296.1	3833.1	3386.4	2965.7	2566.4	2206.4	1860.8	1548.0	1271.8	1016.5	776.4
-25°	4119.2	3674.5	3249.1	2847.0	2471.1	2124.4	1792.0	1490.5	1228.7	984.3	755.4
-27.5°	3930.5	3503.6	3097.6	2718.2	2368.1	2035.2	1721.4	1436.5	1183.2	949.2	732.5
-30°	3728.0	3326.1	2944.0	2584.4	2257.2	1940.9	1644.8	1378.1	1138.4	915.7	707.8
-32.5°	3508.3	3134.3	2783.7	2454.9	2144.3	1841.7	1563.7	1315.2	1091.3	883.1	686.5
-35°	3284.7	2943.3	2616.3	2318.0	2027.8	1747.0	1482.7	1247.9	1042.0	849.3	665.3
-37.5°	3053.4	2747.9	2460.5	2179.2	1905.8	1646.6	1404.1	1184.3	990.7	814.5	642.6
-40°	2834.8	2553.5	2291.9	2041.3	1787.3	1540.7	1320.0	1121.2	946.2	778.8	618.5
-42.5°	2609.9	2363.8	2127.9	1896.9	1666.3	1442.6	1232.7	1053.9	899.2	747.0	593.1
-45°	2398.6	2174.8	1963.6	1755.9	1542.4	1339.5	1153.8	984.9	849.1	716.3	566.2
-47.5°	2187.1	1995.7	1805.0	1612.9	1424.1	1235.8	1070.6	926.3	796.8	684.3	537.0
-50°	1994.1	1822.4	1650.9	1475.2	1299.2	1139.7	988.3	865.0	750.5	643.2	505.3
-52.5°	1808.7	1658.9	1498.9	1336.2	1184.8	1039.4	917.9	802.5	702.7	597.8	471.3
-55°	1631.4	1495.1	1346.0	1205.2	1069.9	953.7	845.0	747.9	653.4	549.9	435.4
-57.5°	1454.4	1327.8	1201.8	1076.9	966.6	868.9	778.7	691.9	599.9	500.9	400.9
-60°	1279.7	1172.0	1059.8	961.0	869.2	787.7	716.1	633.5	544.4	451.2	361.0
-62.5°	1113.8	1019.2	934.8	850.1	775.2	710.9	651.7	572.0	488.0	400.7	318.2
-65°	956.0	881.8	810.5	744.1	684.0	631.0	581.8	509.5	427.7	348.2	275.0
-67.5°	802.7	747.1	691.0	637.3	593.0	550.6	508.7	439.8	364.7	294.0	233.7
-70°	663.8	616.8	574.9	539.0	503.9	468.0	424.5	365.2	299.7	243.7	191.2
-72.5°	527.1	495.8	467.8	441.4	412.3	378.0	338.4	290.3	239.9	192.4	147.7
-75°	392.1	379.1	365.2	346.4	319.6	288.8	257.8	220.4	179.0	139.9	111.5
-77.5°	284.4	276.4	266.4	255.1	234.2	209.6	181.4	149.3	122.3	100.5	77.7
-80°	188.2	186.1	181.7	173.1	153.4	131.1	114.3	96.9	80.0	62.2	43.8
-82.5°	104.2	105.2	105.2	102.1	90.0	77.4	64.2	50.5	37.4	23.8	19.0
-85°	49.9	48.7	46.1	41.8	32.9	23.7	20.6	17.8	16.1	14.4	12.7
-87.5°	15.2	15.3	15.3	15.1	13.5	11.9	10.3	8.9	8.1	7.2	6.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	5.5	4.6	3.7	2.8	1.8	0.8	0.0
85°	10.9	9.1	7.3	5.5	3.7	1.6	0.0
82.5°	16.3	13.7	11.0	8.2	5.5	2.4	0.0
80°	24.6	18.2	14.6	11.0	7.3	3.2	0.0
77.5°	53.6	28.5	18.2	13.7	9.1	4.0	0.0
75°	81.9	49.3	23.7	16.3	10.8	4.8	0.0
72.5°	109.3	69.6	37.8	19.0	12.5	5.5	0.0
70°	136.7	89.1	51.4	22.7	14.2	6.3	0.0
67.5°	169.6	107.8	64.5	31.2	15.8	7.0	0.0
65°	201.0	128.7	77.0	39.3	17.4	7.7	0.0
62.5°	230.9	151.6	88.8	47.0	18.9	8.4	0.0
60°	259.0	173.3	100.0	54.3	20.4	9.0	0.0
57.5°	288.6	193.6	114.8	61.2	24.5	9.7	0.0
55°	316.7	212.6	128.9	67.6	28.5	10.3	0.0
52.5°	342.7	230.6	142.1	73.5	32.4	10.9	0.0
50°	366.4	249.7	154.2	78.9	36.0	11.5	0.0
47.5°	388.8	267.1	165.2	84.5	39.6	12.0	0.0
45°	413.6	282.8	175.1	91.9	42.9	12.5	0.0
42.5°	436.3	296.8	183.9	98.5	46.1	13.0	0.0
40°	457.0	309.0	192.8	105.3	49.1	13.4	0.0
37.5°	475.5	319.4	201.5	112.0	51.9	13.8	0.0
35°	491.7	331.5	209.0	118.3	54.5	14.2	0.0
32.5°	506.8	343.5	215.3	124.0	56.8	14.5	0.0
30°	522.5	353.9	220.4	129.3	59.0	14.8	0.0
27.5°	536.6	362.4	227.9	134.1	61.0	15.1	0.0
25°	549.0	369.2	235.0	138.3	62.8	15.3	0.0
22.5°	559.6	376.0	241.2	142.1	64.3	15.5	0.0
20°	568.3	385.3	246.6	145.4	65.6	15.7	0.0
17.5°	579.3	392.9	251.1	148.1	66.7	15.8	0.0
15°	590.7	398.9	254.7	150.3	67.6	15.9	0.0
12.5°	600.0	403.2	257.5	152.0	68.3	16.0	0.0
10°	607.0	405.8	259.4	153.2	68.8	16.0	0.0
7.5°	611.8	406.9	260.5	153.9	69.1	16.0	0.0
5°	614.3	406.4	260.7	154.1	69.1	16.0	0.0
2.5°	614.4	404.5	260.1	153.8	69.0	15.9	0.0
0°	612.1	401.1	258.6	153.0	68.6	15.8	0.0
-2.5°	614.4	404.5	260.1	153.8	69.0	15.9	0.0
-5°	614.3	406.4	260.7	154.1	69.1	16.0	0.0
-7.5°	611.8	406.9	260.5	153.9	69.1	16.0	0.0
-10°	607.0	405.8	259.4	153.2	68.8	16.0	0.0
-12.5°	600.0	403.2	257.5	152.0	68.3	16.0	0.0
-15°	590.7	398.9	254.7	150.3	67.6	15.9	0.0
-17.5°	579.3	392.9	251.1	148.1	66.7	15.8	0.0
-20°	568.3	385.3	246.6	145.4	65.6	15.7	0.0

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REPORT NUMBER: P627601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	559.6	376.0	241.2	142.1	64.3	15.5	0.0
-25°	549.0	369.2	235.0	138.3	62.8	15.3	0.0
-27.5°	536.6	362.4	227.9	134.1	61.0	15.1	0.0
-30°	522.5	353.9	220.4	129.3	59.0	14.8	0.0
-32.5°	506.8	343.5	215.3	124.0	56.8	14.5	0.0
-35°	491.7	331.5	209.0	118.3	54.5	14.2	0.0
-37.5°	475.5	319.4	201.5	112.0	51.9	13.8	0.0
-40°	457.0	309.0	192.8	105.3	49.1	13.4	0.0
-42.5°	436.3	296.8	183.9	98.5	46.1	13.0	0.0
-45°	413.6	282.8	175.1	91.9	42.9	12.5	0.0
-47.5°	388.8	267.1	165.2	84.5	39.6	12.0	0.0
-50°	366.4	249.7	154.2	78.9	36.0	11.5	0.0
-52.5°	342.7	230.6	142.1	73.5	32.4	10.9	0.0
-55°	316.7	212.6	128.9	67.6	28.5	10.3	0.0
-57.5°	288.6	193.6	114.8	61.2	24.5	9.7	0.0
-60°	259.0	173.3	100.0	54.3	20.4	9.0	0.0
-62.5°	230.9	151.6	88.8	47.0	18.9	8.4	0.0
-65°	201.0	128.7	77.0	39.3	17.4	7.7	0.0
-67.5°	169.6	107.8	64.5	31.2	15.8	7.0	0.0
-70°	136.7	89.1	51.4	22.7	14.2	6.3	0.0
-72.5°	109.3	69.6	37.8	19.0	12.5	5.5	0.0
-75°	81.9	49.3	23.7	16.3	10.8	4.8	0.0
-77.5°	53.6	28.5	18.2	13.7	9.1	4.0	0.0
-80°	24.6	18.2	14.6	11.0	7.3	3.2	0.0
-82.5°	16.3	13.7	11.0	8.2	5.5	2.4	0.0
-85°	10.9	9.1	7.3	5.5	3.7	1.6	0.0
-87.5°	5.5	4.6	3.7	2.8	1.8	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)