

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: P627937 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-735-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627937 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6D-735-U-MWR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N145  
Light Source: (96) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

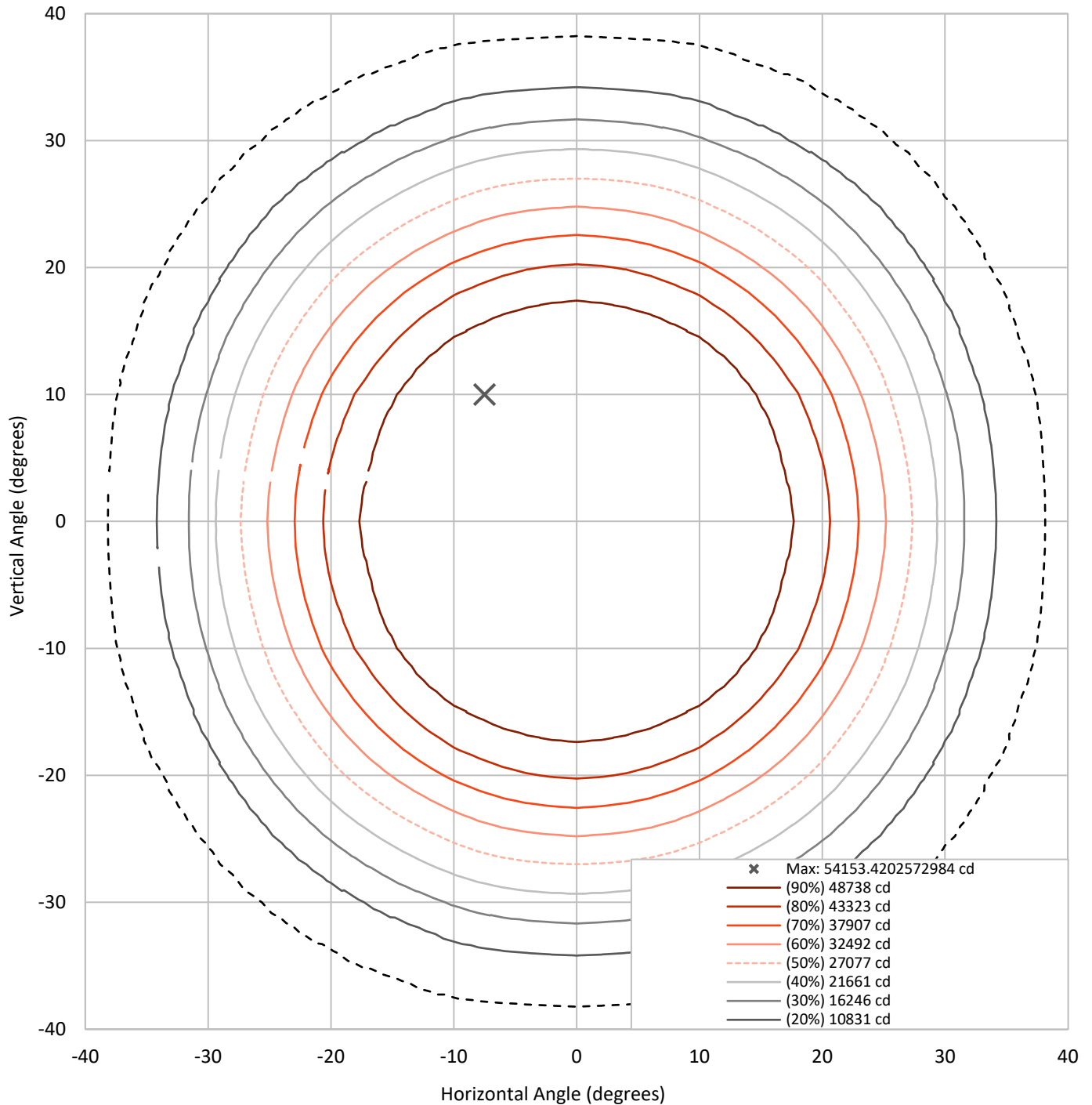
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	46089.6 lumens	Max Intensity:	54153.4 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	141.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	30591.6 lumens	Field Lumens:	39777.8 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	325.9		
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-SA6D-735-U-MWR-XX

### Iso-Candela Plot





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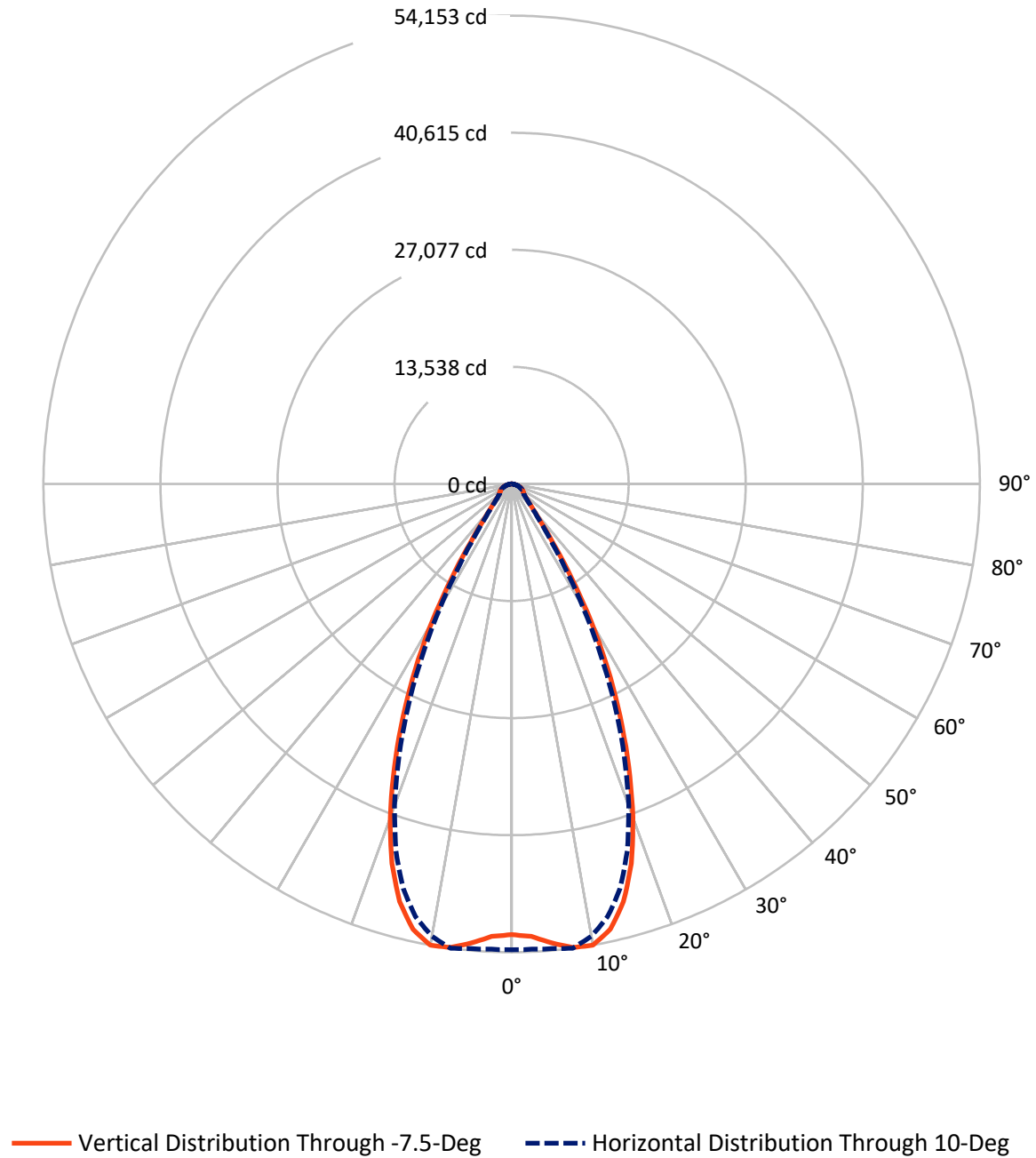
CATALOG NUMBER: GFLD-SA6D-735-U-MWR-XX

### Lumen Table

90																						
80	1.2	10.8				28.9				45.8				51.1		45.8		28.9		10.8		1.2
70																						
60	4.9	5.6	11.3	18.4	25.8	31.3	35.4	37.5	37.5	35.4	31.3	25.8	18.4	11.3	5.6	4.9						
50		8.3	16.6	26.6	35.5	43.0	48.1	50.2	50.2	48.1	43.0	35.5	26.6	16.6	8.3							
40	8.7	10.7	21.1	32.3	43.2	56.3	70.8	81.3	81.3	70.8	56.3	43.2	32.3	21.1	10.7	8.7						
30		12.7	24.5	37.1	57.4	104.8	200.5	297.2	297.2	200.5	104.8	57.4	37.1	24.5	12.7							
20	11.2	14.2	26.7	43.3	94.4	295.9	663.8	926.9	926.9	663.8	295.9	94.4	43.3	26.7	14.2	11.2						
10		15.2	28.1	51.4	170.6	630.8	1204.5	1507.5	1507.5	1204.5	630.8	170.6	51.4	28.1	15.2							
0	12.1	15.7	28.8	57.9	245.7	863.2	1461.3	1590.0	1590.0	1461.3	863.2	245.7	57.9	28.8	15.7	12.1						
-10		15.7	28.8	57.9	245.7	863.2	1461.3	1590.0	1590.0	1461.3	863.2	245.7	57.9	28.8	15.7							
-20	11.2	15.2	28.1	51.4	170.6	630.8	1204.5	1507.5	1507.5	1204.5	630.8	170.6	51.4	28.1	15.2	11.2						
-30		14.2	26.7	43.3	94.4	295.9	663.8	926.9	926.9	663.8	295.9	94.4	43.3	26.7	14.2							
-40	8.7	12.7	24.5	37.1	57.4	104.8	200.5	297.2	297.2	200.5	104.8	57.4	37.1	24.5	12.7	8.7						
-50		10.7	21.1	32.3	43.2	56.3	70.8	81.3	81.3	70.8	56.3	43.2	32.3	21.1	10.7							
-60	4.9	8.3	16.6	26.6	35.5	43.0	48.1	50.2	50.2	48.1	43.0	35.5	26.6	16.6	8.3	4.9						
-70		5.6	11.3	18.4	25.8	31.3	35.4	37.5	37.5	35.4	31.3	25.8	18.4	11.3	5.6							
-80																						
-90	1.2	10.8				28.9				45.8				51.1		45.8		28.9		10.8		1.2
Horizontal Angle (degrees)																						

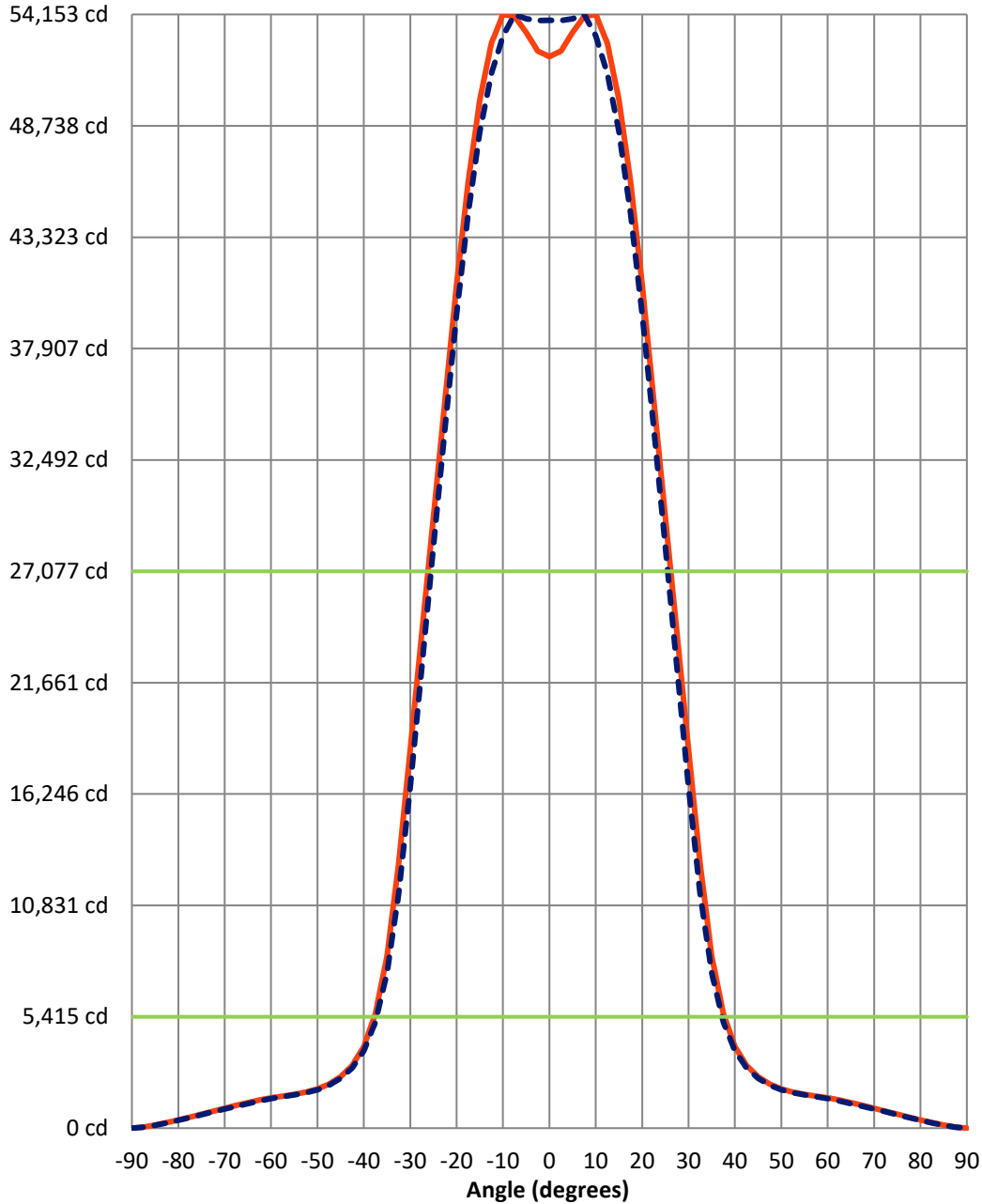
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 30591.6  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 39777.8  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 6311.9  
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg  
 - - Horizontal Distribution through 10-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	2.1	4.1	6.2	8.2	10.3	12.3	15.0	17.8	20.9	24.0
85°	0.0	4.1	8.3	12.4	16.4	20.5	24.5	29.9	35.6	41.6	48.0
82.5°	0.0	6.2	12.4	18.5	24.6	30.7	36.7	44.7	54.3	68.5	81.9
80°	0.0	8.2	16.4	24.6	32.8	40.8	50.6	69.7	88.0	105.3	121.5
77.5°	0.0	10.3	20.5	30.7	40.8	55.1	77.0	99.8	121.5	141.9	163.8
75°	0.0	12.3	24.5	36.7	50.6	77.0	103.3	129.6	155.5	185.3	214.7
72.5°	0.0	14.2	28.5	42.6	68.0	98.7	129.2	160.9	196.1	230.8	265.0
70°	0.0	16.2	32.4	49.8	85.1	120.1	155.4	196.1	236.2	275.9	317.4
67.5°	0.0	18.1	36.2	62.5	102.0	141.2	185.0	230.8	275.9	322.3	369.6
65°	0.0	20.0	40.0	75.0	118.6	163.5	214.0	265.0	315.8	367.7	422.8
62.5°	0.0	21.9	43.7	87.2	134.9	186.8	242.3	298.6	354.7	413.4	479.9
60°	0.0	23.7	47.4	99.2	150.8	209.5	269.8	331.5	392.7	463.0	535.6
57.5°	0.0	25.5	55.0	110.8	168.2	231.5	297.4	363.4	433.9	511.2	588.0
55°	0.0	27.2	62.4	122.2	185.1	252.9	324.5	394.6	475.0	557.5	638.3
52.5°	0.0	28.8	69.5	133.2	201.4	273.7	350.9	429.0	514.6	601.5	687.2
50°	0.0	30.5	76.4	143.8	217.1	295.3	376.6	462.5	552.7	644.1	734.6
47.5°	0.0	32.0	83.0	154.3	232.2	316.1	401.9	494.7	589.1	685.2	780.3
45°	0.0	33.5	89.3	165.1	246.7	336.3	428.1	525.4	624.4	724.7	824.3
42.5°	0.0	34.9	95.3	175.4	260.4	355.7	453.1	554.6	657.9	762.5	865.9
40°	0.0	36.3	101.0	184.9	274.4	374.3	476.8	582.3	689.8	798.6	905.8
37.5°	0.0	37.6	106.3	193.8	288.5	392.1	499.1	608.3	720.6	833.5	944.3
35°	0.0	38.8	111.3	202.1	301.9	409.5	520.1	632.6	750.0	866.2	980.2
32.5°	0.0	40.0	115.9	209.9	314.5	425.8	539.6	655.2	777.9	896.5	1011.7
30°	0.0	41.0	120.2	217.1	326.4	441.1	557.7	676.5	804.2	924.5	1041.1
27.5°	0.0	42.0	124.1	223.8	336.9	455.1	574.2	697.5	828.1	950.1	1068.3
25°	0.0	43.0	127.6	229.8	346.5	467.8	589.3	716.9	849.0	972.6	1093.2
22.5°	0.0	43.8	130.8	235.3	355.1	479.2	602.8	734.7	867.7	992.7	1115.7
20°	0.0	44.5	133.6	240.1	362.8	488.8	614.7	750.7	884.2	1010.6	1135.8
17.5°	0.0	45.2	136.0	244.3	369.5	497.3	625.5	764.9	898.5	1026.3	1153.4
15°	0.0	45.8	138.0	247.9	375.3	504.5	635.3	777.7	910.7	1039.7	1168.5
12.5°	0.0	46.3	139.6	250.9	380.0	510.5	643.6	789.1	921.5	1050.8	1181.0
10°	0.0	46.7	140.9	253.2	383.8	515.2	650.6	798.4	930.9	1061.3	1191.6
7.5°	0.0	47.0	141.8	254.8	386.5	518.6	656.1	805.6	938.2	1069.6	1201.0
5°	0.0	47.2	142.3	255.8	388.2	520.7	660.1	810.8	943.5	1075.6	1207.7
2.5°	0.0	47.4	142.4	256.2	388.9	521.6	662.6	814.0	946.6	1079.2	1211.8
0°	0.0	47.4	142.2	255.9	388.6	521.2	663.4	815.0	947.7	1080.4	1213.1
-2.5°	0.0	47.4	142.4	256.2	388.9	521.6	662.6	814.0	946.6	1079.2	1211.8
-5°	0.0	47.2	142.3	255.8	388.2	520.7	660.1	810.8	943.5	1075.6	1207.7
-7.5°	0.0	47.0	141.8	254.8	386.5	518.6	656.1	805.6	938.2	1069.6	1201.0
-10°	0.0	46.7	140.9	253.2	383.8	515.2	650.6	798.4	930.9	1061.3	1191.6
-12.5°	0.0	46.3	139.6	250.9	380.0	510.5	643.6	789.1	921.5	1050.8	1181.0
-15°	0.0	45.8	138.0	247.9	375.3	504.5	635.3	777.7	910.7	1039.7	1168.5
-17.5°	0.0	45.2	136.0	244.3	369.5	497.3	625.5	764.9	898.5	1026.3	1153.4
-20°	0.0	44.5	133.6	240.1	362.8	488.8	614.7	750.7	884.2	1010.6	1135.8

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	43.8	130.8	235.3	355.1	479.2	602.8	734.7	867.7	992.7	1115.7
-25°	0.0	43.0	127.6	229.8	346.5	467.8	589.3	716.9	849.0	972.6	1093.2
-27.5°	0.0	42.0	124.1	223.8	336.9	455.1	574.2	697.5	828.1	950.1	1068.3
-30°	0.0	41.0	120.2	217.1	326.4	441.1	557.7	676.5	804.2	924.5	1041.1
-32.5°	0.0	40.0	115.9	209.9	314.5	425.8	539.6	655.2	777.9	896.5	1011.7
-35°	0.0	38.8	111.3	202.1	301.9	409.5	520.1	632.6	750.0	866.2	980.2
-37.5°	0.0	37.6	106.3	193.8	288.5	392.1	499.1	608.3	720.6	833.5	944.3
-40°	0.0	36.3	101.0	184.9	274.4	374.3	476.8	582.3	689.8	798.6	905.8
-42.5°	0.0	34.9	95.3	175.4	260.4	355.7	453.1	554.6	657.9	762.5	865.9
-45°	0.0	33.5	89.3	165.1	246.7	336.3	428.1	525.4	624.4	724.7	824.3
-47.5°	0.0	32.0	83.0	154.3	232.2	316.1	401.9	494.7	589.1	685.2	780.3
-50°	0.0	30.5	76.4	143.8	217.1	295.3	376.6	462.5	552.7	644.1	734.6
-52.5°	0.0	28.8	69.5	133.2	201.4	273.7	350.9	429.0	514.6	601.5	687.2
-55°	0.0	27.2	62.4	122.2	185.1	252.9	324.5	394.6	475.0	557.5	638.3
-57.5°	0.0	25.5	55.0	110.8	168.2	231.5	297.4	363.4	433.9	511.2	588.0
-60°	0.0	23.7	47.4	99.2	150.8	209.5	269.8	331.5	392.7	463.0	535.6
-62.5°	0.0	21.9	43.7	87.2	134.9	186.8	242.3	298.6	354.7	413.4	479.9
-65°	0.0	20.0	40.0	75.0	118.6	163.5	214.0	265.0	315.8	367.7	422.8
-67.5°	0.0	18.1	36.2	62.5	102.0	141.2	185.0	230.8	275.9	322.3	369.6
-70°	0.0	16.2	32.4	49.8	85.1	120.1	155.4	196.1	236.2	275.9	317.4
-72.5°	0.0	14.2	28.5	42.6	68.0	98.7	129.2	160.9	196.1	230.8	265.0
-75°	0.0	12.3	24.5	36.7	50.6	77.0	103.3	129.6	155.5	185.3	214.7
-77.5°	0.0	10.3	20.5	30.7	40.8	55.1	77.0	99.8	121.5	141.9	163.8
-80°	0.0	8.2	16.4	24.6	32.8	40.8	50.6	69.7	88.0	105.3	121.5
-82.5°	0.0	6.2	12.4	18.5	24.6	30.7	36.7	44.7	54.3	68.5	81.9
-85°	0.0	4.1	8.3	12.4	16.4	20.5	24.5	29.9	35.6	41.6	48.0
-87.5°	0.0	2.1	4.1	6.2	8.2	10.3	12.3	15.0	17.8	20.9	24.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	26.3	28.4	30.6	32.6	34.6	36.6	38.4	40.2	41.9	43.6	45.1
85°	52.5	56.8	64.4	72.1	79.5	86.6	93.4	100.0	106.3	112.3	118.0
82.5°	93.9	106.2	118.7	131.5	142.7	153.3	163.8	174.5	185.3	196.0	206.6
80°	138.1	155.2	174.8	193.4	209.7	225.2	240.1	254.5	270.1	286.8	303.7
77.5°	189.2	213.5	236.5	257.9	278.6	301.2	323.0	344.0	365.8	387.4	408.0
75°	243.9	271.7	301.0	329.9	357.9	385.0	411.5	438.5	465.9	493.0	518.9
72.5°	300.3	335.7	370.2	403.9	438.7	472.6	505.4	537.0	569.5	602.8	634.5
70°	359.0	399.4	441.9	483.0	522.2	561.8	601.8	640.4	678.1	716.5	754.7
67.5°	418.2	468.9	516.8	562.4	608.6	655.2	700.3	746.4	791.0	835.8	878.6
65°	483.4	538.7	591.1	643.3	695.7	750.4	803.7	855.2	906.9	957.0	1002.0
62.5°	547.3	606.1	664.1	723.5	786.0	847.3	905.6	964.6	1024.7	1077.1	1122.7
60°	606.0	671.3	736.2	803.9	872.9	939.0	1004.3	1068.5	1133.1	1193.4	1230.6
57.5°	662.8	734.9	806.9	879.8	952.5	1026.3	1094.8	1165.3	1225.5	1276.3	1319.4
55°	718.1	796.4	873.1	949.6	1028.1	1105.1	1179.7	1246.8	1305.5	1347.9	1389.5
52.5°	771.8	854.5	933.6	1016.4	1099.8	1181.6	1259.5	1321.7	1369.8	1413.1	1452.0
50°	824.0	908.1	991.7	1081.3	1169.4	1255.9	1329.2	1383.6	1432.6	1474.8	1515.5
47.5°	872.9	960.5	1049.8	1144.1	1236.9	1320.5	1387.8	1444.7	1494.8	1540.3	1588.5
45°	919.9	1012.9	1107.2	1204.6	1299.3	1380.1	1445.0	1506.4	1553.2	1604.6	1659.9
42.5°	965.5	1063.2	1162.1	1262.7	1358.4	1433.9	1498.7	1555.0	1610.0	1670.9	1737.6
40°	1008.9	1110.7	1213.9	1318.5	1414.0	1480.9	1544.4	1604.1	1670.9	1743.2	1820.5
37.5°	1049.7	1155.3	1262.5	1371.1	1454.9	1523.9	1588.9	1655.4	1733.0	1816.9	1921.9
35°	1087.7	1196.8	1307.6	1411.9	1491.6	1564.8	1632.0	1706.2	1796.9	1906.4	2040.9
32.5°	1122.9	1235.2	1349.3	1445.0	1525.4	1601.4	1670.5	1763.0	1872.0	2002.4	2192.8
30°	1155.4	1270.4	1384.8	1477.4	1555.9	1632.2	1716.4	1820.5	1948.0	2138.4	2382.1
27.5°	1185.6	1302.3	1412.8	1504.4	1583.1	1661.8	1760.3	1886.5	2054.5	2281.6	2584.5
25°	1213.3	1332.9	1439.5	1527.0	1608.4	1695.6	1802.6	1944.6	2165.4	2458.8	2868.1
22.5°	1238.3	1360.5	1465.1	1546.6	1632.0	1726.6	1851.4	2029.0	2283.6	2626.1	3154.0
20°	1260.7	1381.3	1484.4	1565.2	1653.9	1752.1	1894.9	2109.0	2416.0	2859.6	3533.5
17.5°	1280.3	1399.6	1498.7	1583.0	1675.2	1781.1	1937.2	2178.3	2533.7	3063.4	3917.2
15°	1297.2	1415.1	1510.9	1598.1	1693.8	1814.3	1996.1	2268.9	2670.4	3275.3	4251.5
12.5°	1311.1	1428.0	1520.8	1610.6	1709.1	1842.1	2046.5	2354.4	2812.3	3535.6	4744.2
10°	1322.1	1438.1	1528.4	1620.2	1721.0	1864.3	2087.3	2424.3	2929.9	3761.1	5164.5
7.5°	1332.3	1445.5	1533.7	1627.0	1729.5	1880.9	2118.4	2478.1	3020.1	3938.2	5497.2
5°	1339.8	1450.0	1536.6	1631.0	1736.7	1891.7	2139.6	2515.5	3082.4	4064.8	5731.2
2.5°	1344.3	1451.4	1537.1	1632.0	1742.0	1896.5	2150.5	2536.2	3131.3	4124.7	5856.9
0°	1345.8	1450.0	1535.3	1630.1	1743.8	1895.4	2151.3	2539.9	3155.9	4122.6	5875.9
-2.5°	1344.3	1451.4	1537.1	1632.0	1742.0	1896.5	2150.5	2536.2	3131.3	4124.7	5856.9
-5°	1339.8	1450.0	1536.6	1631.0	1736.7	1891.7	2139.6	2515.5	3082.4	4064.8	5731.2
-7.5°	1332.3	1445.5	1533.7	1627.0	1729.5	1880.9	2118.4	2478.1	3020.1	3938.2	5497.2
-10°	1322.1	1438.1	1528.4	1620.2	1721.0	1864.3	2087.3	2424.3	2929.9	3761.1	5164.5
-12.5°	1311.1	1428.0	1520.8	1610.6	1709.1	1842.1	2046.5	2354.4	2812.3	3535.6	4744.2
-15°	1297.2	1415.1	1510.9	1598.1	1693.8	1814.3	1996.1	2268.9	2670.4	3275.3	4251.5
-17.5°	1280.3	1399.6	1498.7	1583.0	1675.2	1781.1	1937.2	2178.3	2533.7	3063.4	3917.2
-20°	1260.7	1381.3	1484.4	1565.2	1653.9	1752.1	1894.9	2109.0	2416.0	2859.6	3533.5

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

Scaled Data Report



REPORT NUMBER: P627937 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1238.3	1360.5	1465.1	1546.6	1632.0	1726.6	1851.4	2029.0	2283.6	2626.1	3154.0
-25°	1213.3	1332.9	1439.5	1527.0	1608.4	1695.6	1802.6	1944.6	2165.4	2458.8	2868.1
-27.5°	1185.6	1302.3	1412.8	1504.4	1583.1	1661.8	1760.3	1886.5	2054.5	2281.6	2584.5
-30°	1155.4	1270.4	1384.8	1477.4	1555.9	1632.2	1716.4	1820.5	1948.0	2138.4	2382.1
-32.5°	1122.9	1235.2	1349.3	1445.0	1525.4	1601.4	1670.5	1763.0	1872.0	2002.4	2192.8
-35°	1087.7	1196.8	1307.6	1411.9	1491.6	1564.8	1632.0	1706.2	1796.9	1906.4	2040.9
-37.5°	1049.7	1155.3	1262.5	1371.1	1454.9	1523.9	1588.9	1655.4	1733.0	1816.9	1921.9
-40°	1008.9	1110.7	1213.9	1318.5	1414.0	1480.9	1544.4	1604.1	1670.9	1743.2	1820.5
-42.5°	965.5	1063.2	1162.1	1262.7	1358.4	1433.9	1498.7	1555.0	1610.0	1670.9	1737.6
-45°	919.9	1012.9	1107.2	1204.6	1299.3	1380.1	1445.0	1506.4	1553.2	1604.6	1659.9
-47.5°	872.9	960.5	1049.8	1144.1	1236.9	1320.5	1387.8	1444.7	1494.8	1540.3	1588.5
-50°	824.0	908.1	991.7	1081.3	1169.4	1255.9	1329.2	1383.6	1432.6	1474.8	1515.5
-52.5°	771.8	854.5	933.6	1016.4	1099.8	1181.6	1259.5	1321.7	1369.8	1413.1	1452.0
-55°	718.1	796.4	873.1	949.6	1028.1	1105.1	1179.7	1246.8	1305.5	1347.9	1389.5
-57.5°	662.8	734.9	806.9	879.8	952.5	1026.3	1094.8	1165.3	1225.5	1276.3	1319.4
-60°	606.0	671.3	736.2	803.9	872.9	939.0	1004.3	1068.5	1133.1	1193.4	1230.6
-62.5°	547.3	606.1	664.1	723.5	786.0	847.3	905.6	964.6	1024.7	1077.1	1122.7
-65°	483.4	538.7	591.1	643.3	695.7	750.4	803.7	855.2	906.9	957.0	1002.0
-67.5°	418.2	468.9	516.8	562.4	608.6	655.2	700.3	746.4	791.0	835.8	878.6
-70°	359.0	399.4	441.9	483.0	522.2	561.8	601.8	640.4	678.1	716.5	754.7
-72.5°	300.3	335.7	370.2	403.9	438.7	472.6	505.4	537.0	569.5	602.8	634.5
-75°	243.9	271.7	301.0	329.9	357.9	385.0	411.5	438.5	465.9	493.0	518.9
-77.5°	189.2	213.5	236.5	257.9	278.6	301.2	323.0	344.0	365.8	387.4	408.0
-80°	138.1	155.2	174.8	193.4	209.7	225.2	240.1	254.5	270.1	286.8	303.7
-82.5°	93.9	106.2	118.7	131.5	142.7	153.3	163.8	174.5	185.3	196.0	206.6
-85°	52.5	56.8	64.4	72.1	79.5	86.6	93.4	100.0	106.3	112.3	118.0
-87.5°	26.3	28.4	30.6	32.6	34.6	36.6	38.4	40.2	41.9	43.6	45.1
-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: P627937 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MWR-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°	46.6	46.0	45.2	44.2	43.0	46.0	49.0	52.0	54.9	53.2	51.4
85°	123.3	126.1	128.5	130.5	132.1	138.0	143.7	149.0	153.9	153.8	153.2
82.5°	217.1	224.0	230.0	235.4	240.2	247.0	253.2	258.6	263.1	266.5	269.4
80°	319.9	331.2	340.9	349.7	357.6	366.7	375.2	382.7	389.2	392.8	395.0
77.5°	428.5	445.0	459.9	474.0	487.4	500.6	512.8	523.6	533.0	535.2	534.6
75°	543.5	565.8	586.6	606.0	623.9	639.2	652.2	663.1	672.0	676.4	678.8
72.5°	664.7	692.1	716.6	738.8	757.8	773.6	787.3	799.2	809.2	815.5	819.3
70°	791.0	823.4	848.7	869.5	885.8	901.5	919.1	936.0	951.7	960.6	964.0
67.5°	917.7	951.3	974.5	993.4	1008.3	1023.8	1046.0	1066.1	1083.9	1095.9	1103.6
65°	1041.7	1077.1	1100.4	1118.5	1132.2	1147.7	1172.6	1192.4	1207.6	1219.6	1230.4
62.5°	1164.4	1200.0	1225.8	1247.4	1267.3	1284.4	1304.8	1321.5	1334.4	1346.3	1359.7
60°	1270.6	1312.8	1339.9	1361.8	1386.5	1413.1	1428.1	1440.7	1451.5	1461.0	1469.3
57.5°	1357.3	1395.0	1429.8	1456.2	1481.8	1506.6	1524.3	1536.0	1545.5	1552.6	1555.4
55°	1429.9	1468.8	1507.7	1536.3	1561.5	1584.6	1604.1	1619.3	1632.0	1641.9	1644.3
52.5°	1494.9	1538.7	1576.8	1609.7	1643.1	1670.4	1691.7	1712.5	1730.7	1745.3	1751.6
50°	1565.7	1611.5	1659.1	1703.2	1738.7	1769.8	1795.8	1825.1	1856.1	1881.6	1897.8
47.5°	1640.1	1692.9	1750.4	1804.7	1846.7	1892.9	1935.9	1979.5	2037.0	2085.3	2121.2
45°	1717.9	1785.7	1851.3	1920.2	1978.3	2065.5	2146.3	2215.7	2307.9	2391.6	2458.1
42.5°	1809.8	1894.2	1974.7	2085.2	2200.9	2319.8	2448.3	2557.9	2702.1	2848.9	2967.4
40°	1918.7	2026.5	2168.4	2316.8	2499.4	2662.9	2884.7	3082.3	3303.6	3583.4	3814.5
37.5°	2049.8	2215.9	2413.2	2620.0	2904.8	3176.8	3543.5	3929.9	4280.5	4818.7	5271.4
35°	2220.1	2452.3	2712.1	3078.1	3481.1	3991.0	4562.9	5309.2	5949.2	6857.0	7724.5
32.5°	2439.5	2738.0	3162.2	3727.2	4323.0	5248.6	6156.1	7452.0	8651.9	10090.7	11643.6
30°	2683.7	3138.0	3786.0	4561.1	5672.4	7034.1	8634.0	10624.2	12802.2	14824.5	16817.4
27.5°	3037.5	3688.4	4539.9	5790.4	7522.4	9427.5	12230.6	14932.3	17750.9	20256.4	22346.1
25°	3450.7	4310.9	5627.4	7468.8	9811.1	13073.5	16429.0	19763.4	22794.6	25417.6	27726.5
22.5°	3984.1	5221.3	6976.4	9361.5	13009.0	16919.2	20854.0	24531.7	27765.2	30686.0	33185.3
20°	4564.4	6112.5	8618.9	12175.5	16346.7	20801.5	25244.3	29161.9	32722.2	36034.1	38851.0
17.5°	5299.9	7467.9	10641.9	14908.5	19731.0	24611.8	29279.3	33530.7	37569.9	41074.4	44017.6
15°	5926.6	8661.6	12804.0	17808.0	23024.2	28172.8	33100.4	37718.3	41917.8	45513.5	48280.4
12.5°	6762.7	9999.4	14723.7	20300.5	25953.1	31370.6	36560.9	41333.8	45607.5	49163.7	51317.6
10°	7552.9	11384.4	16579.1	22395.0	28267.6	34039.7	39581.5	44476.6	48444.5	51273.4	53108.9
7.5°	8224.8	12574.8	18088.4	24087.9	30106.4	36141.2	41750.9	46513.7	50172.3	52534.8	53812.7
5°	8726.5	13464.6	19208.7	25463.5	31639.4	37780.1	43346.1	47817.2	50979.3	52734.3	53375.9
2.5°	9046.2	13987.2	19858.8	26366.0	32665.4	38817.2	44440.3	48841.3	51524.1	52687.4	52797.9
0°	9174.0	14054.7	19959.1	26839.5	32923.9	39112.6	44751.5	49262.7	51726.8	52684.0	52665.0
-2.5°	9046.2	13987.2	19858.8	26366.0	32665.4	38817.2	44440.3	48841.3	51524.1	52687.4	52797.9
-5°	8726.5	13464.6	19208.7	25463.5	31639.4	37780.1	43346.1	47817.2	50979.3	52734.3	53375.9
-7.5°	8224.8	12574.8	18088.4	24087.9	30106.4	36141.2	41750.9	46513.7	50172.3	52534.8	53812.7
-10°	7552.9	11384.4	16579.1	22395.0	28267.6	34039.7	39581.5	44476.6	48444.5	51273.4	53108.9
-12.5°	6762.7	9999.4	14723.7	20300.5	25953.1	31370.6	36560.9	41333.8	45607.5	49163.7	51317.6
-15°	5926.6	8661.6	12804.0	17808.0	23024.2	28172.8	33100.4	37718.3	41917.8	45513.5	48280.4
-17.5°	5299.9	7467.9	10641.9	14908.5	19731.0	24611.8	29279.3	33530.7	37569.9	41074.4	44017.6
-20°	4564.4	6112.5	8618.9	12175.5	16346.7	20801.5	25244.3	29161.9	32722.2	36034.1	38851.0

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Scaled Data Report



REPORT NUMBER: P627937 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3984.1	5221.3	6976.4	9361.5	13009.0	16919.2	20854.0	24531.7	27765.2	30686.0	33185.3
-25°	3450.7	4310.9	5627.4	7468.8	9811.1	13073.5	16429.0	19763.4	22794.6	25417.6	27726.5
-27.5°	3037.5	3688.4	4539.9	5790.4	7522.4	9427.5	12230.6	14932.3	17750.9	20256.4	22346.1
-30°	2683.7	3138.0	3786.0	4561.1	5672.4	7034.1	8634.0	10624.2	12802.2	14824.5	16817.4
-32.5°	2439.5	2738.0	3162.2	3727.2	4323.0	5248.6	6156.1	7452.0	8651.9	10090.7	11643.6
-35°	2220.1	2452.3	2712.1	3078.1	3481.1	3991.0	4562.9	5309.2	5949.2	6857.0	7724.5
-37.5°	2049.8	2215.9	2413.2	2620.0	2904.8	3176.8	3543.5	3929.9	4280.5	4818.7	5271.4
-40°	1918.7	2026.5	2168.4	2316.8	2499.4	2662.9	2884.7	3082.3	3303.6	3583.4	3814.5
-42.5°	1809.8	1894.2	1974.7	2085.2	2200.9	2319.8	2448.3	2557.9	2702.1	2848.9	2967.4
-45°	1717.9	1785.7	1851.3	1920.2	1978.3	2065.5	2146.3	2215.7	2307.9	2391.6	2458.1
-47.5°	1640.1	1692.9	1750.4	1804.7	1846.7	1892.9	1935.9	1979.5	2037.0	2085.3	2121.2
-50°	1565.7	1611.5	1659.1	1703.2	1738.7	1769.8	1795.8	1825.1	1856.1	1881.6	1897.8
-52.5°	1494.9	1538.7	1576.8	1609.7	1643.1	1670.4	1691.7	1712.5	1730.7	1745.3	1751.6
-55°	1429.9	1468.8	1507.7	1536.3	1561.5	1584.6	1604.1	1619.3	1632.0	1641.9	1644.3
-57.5°	1357.3	1395.0	1429.8	1456.2	1481.8	1506.6	1524.3	1536.0	1545.5	1552.6	1555.4
-60°	1270.6	1312.8	1339.9	1361.8	1386.5	1413.1	1428.1	1440.7	1451.5	1461.0	1469.3
-62.5°	1164.4	1200.0	1225.8	1247.4	1267.3	1284.4	1304.8	1321.5	1334.4	1346.3	1359.7
-65°	1041.7	1077.1	1100.4	1118.5	1132.2	1147.7	1172.6	1192.4	1207.6	1219.6	1230.4
-67.5°	917.7	951.3	974.5	993.4	1008.3	1023.8	1046.0	1066.1	1083.9	1095.9	1103.6
-70°	791.0	823.4	848.7	869.5	885.8	901.5	919.1	936.0	951.7	960.6	964.0
-72.5°	664.7	692.1	716.6	738.8	757.8	773.6	787.3	799.2	809.2	815.5	819.3
-75°	543.5	565.8	586.6	606.0	623.9	639.2	652.2	663.1	672.0	676.4	678.8
-77.5°	428.5	445.0	459.9	474.0	487.4	500.6	512.8	523.6	533.0	535.2	534.6
-80°	319.9	331.2	340.9	349.7	357.6	366.7	375.2	382.7	389.2	392.8	395.0
-82.5°	217.1	224.0	230.0	235.4	240.2	247.0	253.2	258.6	263.1	266.5	269.4
-85°	123.3	126.1	128.5	130.5	132.1	138.0	143.7	149.0	153.9	153.8	153.2
-87.5°	46.6	46.0	45.2	44.2	43.0	46.0	49.0	52.0	54.9	53.2	51.4
-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: P627937 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MWR-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°	49.4	47.2	47.4	47.4	47.4	47.2	49.4	51.4	53.2	54.9	52.0
85°	152.2	150.8	146.7	142.2	146.7	150.8	152.2	153.2	153.8	153.9	149.0
82.5°	271.7	273.4	269.8	265.4	269.8	273.4	271.7	269.4	266.5	263.1	258.6
80°	396.1	396.2	392.9	388.6	392.9	396.2	396.1	395.0	392.8	389.2	382.7
77.5°	532.3	528.5	530.0	530.7	530.0	528.5	532.3	534.6	535.2	533.0	523.6
75°	679.8	679.2	677.0	672.9	677.0	679.2	679.8	678.8	676.4	672.0	663.1
72.5°	821.2	821.1	819.0	815.0	819.0	821.1	821.2	819.3	815.5	809.2	799.2
70°	964.8	963.1	965.5	966.7	965.5	963.1	964.8	964.0	960.6	951.7	936.0
67.5°	1109.4	1113.2	1112.6	1108.8	1112.6	1113.2	1109.4	1103.6	1095.9	1083.9	1066.1
65°	1239.2	1245.6	1249.6	1251.0	1249.6	1245.6	1239.2	1230.4	1219.6	1207.6	1192.4
62.5°	1370.2	1377.7	1378.1	1374.2	1378.1	1377.7	1370.2	1359.7	1346.3	1334.4	1321.5
60°	1473.8	1475.0	1473.2	1469.0	1473.2	1475.0	1473.8	1469.3	1461.0	1451.5	1440.7
57.5°	1555.4	1552.7	1549.4	1544.8	1549.4	1552.7	1555.4	1555.4	1552.6	1545.5	1536.0
55°	1643.0	1638.5	1634.6	1630.1	1634.6	1638.5	1643.0	1644.3	1641.9	1632.0	1619.3
52.5°	1753.0	1750.6	1747.9	1743.8	1747.9	1750.6	1753.0	1751.6	1745.3	1730.7	1712.5
50°	1906.0	1908.4	1908.2	1904.9	1908.2	1908.4	1906.0	1897.8	1881.6	1856.1	1825.1
47.5°	2143.9	2156.6	2165.1	2170.3	2165.1	2156.6	2143.9	2121.2	2085.3	2037.0	1979.5
45°	2500.6	2526.0	2543.9	2558.9	2543.9	2526.0	2500.6	2458.1	2391.6	2307.9	2215.7
42.5°	3050.8	3107.5	3134.3	3127.5	3134.3	3107.5	3050.8	2967.4	2848.9	2702.1	2557.9
40°	3968.5	4060.0	4110.7	4151.0	4110.7	4060.0	3968.5	3814.5	3583.4	3303.6	3082.3
37.5°	5580.5	5758.0	5851.4	5932.7	5851.4	5758.0	5580.5	5271.4	4818.7	4280.5	3929.9
35°	8372.7	8772.0	8985.9	9060.2	8985.9	8772.0	8372.7	7724.5	6857.0	5949.2	5309.2
32.5°	12851.9	13588.5	13995.9	14310.6	13995.9	13588.5	12851.9	11643.6	10090.7	8651.9	7452.0
30°	18395.4	19365.6	19904.4	20167.6	19904.4	19365.6	18395.4	16817.4	14824.5	12802.2	10624.2
27.5°	24078.1	25181.1	25762.1	25730.7	25762.1	25181.1	24078.1	22346.1	20256.4	17750.9	14932.3
25°	29705.8	30983.4	31562.3	32080.4	31562.3	30983.4	29705.8	27726.5	25417.6	22794.6	19763.4
22.5°	35397.7	36891.6	37706.8	38089.0	37706.8	36891.6	35397.7	33185.3	30686.0	27765.2	24531.7
20°	41021.8	42684.9	43550.3	43927.0	43550.3	42684.9	41021.8	38851.0	36034.1	32722.2	29161.9
17.5°	46009.9	47633.3	48458.2	48807.8	48458.2	47633.3	46009.9	44017.6	41074.4	37569.9	33530.7
15°	49992.7	51190.2	51891.6	52077.4	51891.6	51190.2	49992.7	48280.4	45513.5	41917.8	37718.3
12.5°	52745.9	53209.7	53547.1	53650.6	53547.1	53209.7	52745.9	51317.6	49163.7	45607.5	41333.8
10°	54153.4	53944.2	53857.6	53868.6	53857.6	53944.2	54153.4	53108.9	51273.4	48444.5	44476.6
7.5°	54056.6	53746.7	53124.3	53025.1	53124.3	53746.7	54056.6	53812.7	52534.8	50172.3	46513.7
5°	53280.0	52715.7	51682.6	51385.6	51682.6	52715.7	53280.0	53375.9	52734.3	50979.3	47817.2
2.5°	52374.8	51357.6	50405.8	49793.4	50405.8	51357.6	52374.8	52797.9	52687.4	51524.1	48841.3
0°	52105.8	50930.7	49698.6	49300.6	49698.6	50930.7	52105.8	52665.0	52684.0	51726.8	49262.7
-2.5°	52374.8	51357.6	50405.8	49793.4	50405.8	51357.6	52374.8	52797.9	52687.4	51524.1	48841.3
-5°	53280.0	52715.7	51682.6	51385.6	51682.6	52715.7	53280.0	53375.9	52734.3	50979.3	47817.2
-7.5°	54056.6	53746.7	53124.3	53025.1	53124.3	53746.7	54056.6	53812.7	52534.8	50172.3	46513.7
-10°	54153.4	53944.2	53857.6	53868.6	53857.6	53944.2	54153.4	53108.9	51273.4	48444.5	44476.6
-12.5°	52745.9	53209.7	53547.1	53650.6	53547.1	53209.7	52745.9	51317.6	49163.7	45607.5	41333.8
-15°	49992.7	51190.2	51891.6	52077.4	51891.6	51190.2	49992.7	48280.4	45513.5	41917.8	37718.3
-17.5°	46009.9	47633.3	48458.2	48807.8	48458.2	47633.3	46009.9	44017.6	41074.4	37569.9	33530.7
-20°	41021.8	42684.9	43550.3	43927.0	43550.3	42684.9	41021.8	38851.0	36034.1	32722.2	29161.9



REPORT NUMBER: P627937 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	35397.7	36891.6	37706.8	38089.0	37706.8	36891.6	35397.7	33185.3	30686.0	27765.2	24531.7
-25°	29705.8	30983.4	31562.3	32080.4	31562.3	30983.4	29705.8	27726.5	25417.6	22794.6	19763.4
-27.5°	24078.1	25181.1	25762.1	25730.7	25762.1	25181.1	24078.1	22346.1	20256.4	17750.9	14932.3
-30°	18395.4	19365.6	19904.4	20167.6	19904.4	19365.6	18395.4	16817.4	14824.5	12802.2	10624.2
-32.5°	12851.9	13588.5	13995.9	14310.6	13995.9	13588.5	12851.9	11643.6	10090.7	8651.9	7452.0
-35°	8372.7	8772.0	8985.9	9060.2	8985.9	8772.0	8372.7	7724.5	6857.0	5949.2	5309.2
-37.5°	5580.5	5758.0	5851.4	5932.7	5851.4	5758.0	5580.5	5271.4	4818.7	4280.5	3929.9
-40°	3968.5	4060.0	4110.7	4151.0	4110.7	4060.0	3968.5	3814.5	3583.4	3303.6	3082.3
-42.5°	3050.8	3107.5	3134.3	3127.5	3134.3	3107.5	3050.8	2967.4	2848.9	2702.1	2557.9
-45°	2500.6	2526.0	2543.9	2558.9	2543.9	2526.0	2500.6	2458.1	2391.6	2307.9	2215.7
-47.5°	2143.9	2156.6	2165.1	2170.3	2165.1	2156.6	2143.9	2121.2	2085.3	2037.0	1979.5
-50°	1906.0	1908.4	1908.2	1904.9	1908.2	1908.4	1906.0	1897.8	1881.6	1856.1	1825.1
-52.5°	1753.0	1750.6	1747.9	1743.8	1747.9	1750.6	1753.0	1751.6	1745.3	1730.7	1712.5
-55°	1643.0	1638.5	1634.6	1630.1	1634.6	1638.5	1643.0	1644.3	1641.9	1632.0	1619.3
-57.5°	1555.4	1552.7	1549.4	1544.8	1549.4	1552.7	1555.4	1555.4	1552.6	1545.5	1536.0
-60°	1473.8	1475.0	1473.2	1469.0	1473.2	1475.0	1473.8	1469.3	1461.0	1451.5	1440.7
-62.5°	1370.2	1377.7	1378.1	1374.2	1378.1	1377.7	1370.2	1359.7	1346.3	1334.4	1321.5
-65°	1239.2	1245.6	1249.6	1251.0	1249.6	1245.6	1239.2	1230.4	1219.6	1207.6	1192.4
-67.5°	1109.4	1113.2	1112.6	1108.8	1112.6	1113.2	1109.4	1103.6	1095.9	1083.9	1066.1
-70°	964.8	963.1	965.5	966.7	965.5	963.1	964.8	964.0	960.6	951.7	936.0
-72.5°	821.2	821.1	819.0	815.0	819.0	821.1	821.2	819.3	815.5	809.2	799.2
-75°	679.8	679.2	677.0	672.9	677.0	679.2	679.8	678.8	676.4	672.0	663.1
-77.5°	532.3	528.5	530.0	530.7	530.0	528.5	532.3	534.6	535.2	533.0	523.6
-80°	396.1	396.2	392.9	388.6	392.9	396.2	396.1	395.0	392.8	389.2	382.7
-82.5°	271.7	273.4	269.8	265.4	269.8	273.4	271.7	269.4	266.5	263.1	258.6
-85°	152.2	150.8	146.7	142.2	146.7	150.8	152.2	153.2	153.8	153.9	149.0
-87.5°	49.4	47.2	47.4	47.4	47.4	47.2	49.4	51.4	53.2	54.9	52.0
-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: P627937 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MWR-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°	49.0	46.0	43.0	44.2	45.2	46.0	46.6	45.1	43.6	41.9	40.2
85°	143.7	138.0	132.1	130.5	128.5	126.1	123.3	118.0	112.3	106.3	100.0
82.5°	253.2	247.0	240.2	235.4	230.0	224.0	217.1	206.6	196.0	185.3	174.5
80°	375.2	366.7	357.6	349.7	340.9	331.2	319.9	303.7	286.8	270.1	254.5
77.5°	512.8	500.6	487.4	474.0	459.9	445.0	428.5	408.0	387.4	365.8	344.0
75°	652.2	639.2	623.9	606.0	586.6	565.8	543.5	518.9	493.0	465.9	438.5
72.5°	787.3	773.6	757.8	738.8	716.6	692.1	664.7	634.5	602.8	569.5	537.0
70°	919.1	901.5	885.8	869.5	848.7	823.4	791.0	754.7	716.5	678.1	640.4
67.5°	1046.0	1023.8	1008.3	993.4	974.5	951.3	917.7	878.6	835.8	791.0	746.4
65°	1172.6	1147.7	1132.2	1118.5	1100.4	1077.1	1041.7	1002.0	957.0	906.9	855.2
62.5°	1304.8	1284.4	1267.3	1247.4	1225.8	1200.0	1164.4	1122.7	1077.1	1024.7	964.6
60°	1428.1	1413.1	1386.5	1361.8	1339.9	1312.8	1270.6	1230.6	1193.4	1133.1	1068.5
57.5°	1524.3	1506.6	1481.8	1456.2	1429.8	1395.0	1357.3	1319.4	1276.3	1225.5	1165.3
55°	1604.1	1584.6	1561.5	1536.3	1507.7	1468.8	1429.9	1389.5	1347.9	1305.5	1246.8
52.5°	1691.7	1670.4	1643.1	1609.7	1576.8	1538.7	1494.9	1452.0	1413.1	1369.8	1321.7
50°	1795.8	1769.8	1738.7	1703.2	1659.1	1611.5	1565.7	1515.5	1474.8	1432.6	1383.6
47.5°	1935.9	1892.9	1846.7	1804.7	1750.4	1692.9	1640.1	1588.5	1540.3	1494.8	1444.7
45°	2146.3	2065.5	1978.3	1920.2	1851.3	1785.7	1717.9	1659.9	1604.6	1553.2	1506.4
42.5°	2448.3	2319.8	2200.9	2085.2	1974.7	1894.2	1809.8	1737.6	1670.9	1610.0	1555.0
40°	2884.7	2662.9	2499.4	2316.8	2168.4	2026.5	1918.7	1820.5	1743.2	1670.9	1604.1
37.5°	3543.5	3176.8	2904.8	2620.0	2413.2	2215.9	2049.8	1921.9	1816.9	1733.0	1655.4
35°	4562.9	3991.0	3481.1	3078.1	2712.1	2452.3	2220.1	2040.9	1906.4	1796.9	1706.2
32.5°	6156.1	5248.6	4323.0	3727.2	3162.2	2738.0	2439.5	2192.8	2002.4	1872.0	1763.0
30°	8634.0	7034.1	5672.4	4561.1	3786.0	3138.0	2683.7	2382.1	2138.4	1948.0	1820.5
27.5°	12230.6	9427.5	7522.4	5790.4	4539.9	3688.4	3037.5	2584.5	2281.6	2054.5	1886.5
25°	16429.0	13073.5	9811.1	7468.8	5627.4	4310.9	3450.7	2868.1	2458.8	2165.4	1944.6
22.5°	20854.0	16919.2	13009.0	9361.5	6976.4	5221.3	3984.1	3154.0	2626.1	2283.6	2029.0
20°	25244.3	20801.5	16346.7	12175.5	8618.9	6112.5	4564.4	3533.5	2859.6	2416.0	2109.0
17.5°	29279.3	24611.8	19731.0	14908.5	10641.9	7467.9	5299.9	3917.2	3063.4	2533.7	2178.3
15°	33100.4	28172.8	23024.2	17808.0	12804.0	8661.6	5926.6	4251.5	3275.3	2670.4	2268.9
12.5°	36560.9	31370.6	25953.1	20300.5	14723.7	9999.4	6762.7	4744.2	3535.6	2812.3	2354.4
10°	39581.5	34039.7	28267.6	22395.0	16579.1	11384.4	7552.9	5164.5	3761.1	2929.9	2424.3
7.5°	41750.9	36141.2	30106.4	24087.9	18088.4	12574.8	8224.8	5497.2	3938.2	3020.1	2478.1
5°	43346.1	37780.1	31639.4	25463.5	19208.7	13464.6	8726.5	5731.2	4064.8	3082.4	2515.5
2.5°	44440.3	38817.2	32665.4	26366.0	19858.8	13987.2	9046.2	5856.9	4124.7	3131.3	2536.2
0°	44751.5	39112.6	32923.9	26839.5	19959.1	14054.7	9174.0	5875.9	4122.6	3155.9	2539.9
-2.5°	44440.3	38817.2	32665.4	26366.0	19858.8	13987.2	9046.2	5856.9	4124.7	3131.3	2536.2
-5°	43346.1	37780.1	31639.4	25463.5	19208.7	13464.6	8726.5	5731.2	4064.8	3082.4	2515.5
-7.5°	41750.9	36141.2	30106.4	24087.9	18088.4	12574.8	8224.8	5497.2	3938.2	3020.1	2478.1
-10°	39581.5	34039.7	28267.6	22395.0	16579.1	11384.4	7552.9	5164.5	3761.1	2929.9	2424.3
-12.5°	36560.9	31370.6	25953.1	20300.5	14723.7	9999.4	6762.7	4744.2	3535.6	2812.3	2354.4
-15°	33100.4	28172.8	23024.2	17808.0	12804.0	8661.6	5926.6	4251.5	3275.3	2670.4	2268.9
-17.5°	29279.3	24611.8	19731.0	14908.5	10641.9	7467.9	5299.9	3917.2	3063.4	2533.7	2178.3
-20°	25244.3	20801.5	16346.7	12175.5	8618.9	6112.5	4564.4	3533.5	2859.6	2416.0	2109.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627937 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	20854.0	16919.2	13009.0	9361.5	6976.4	5221.3	3984.1	3154.0	2626.1	2283.6	2029.0
-25°	16429.0	13073.5	9811.1	7468.8	5627.4	4310.9	3450.7	2868.1	2458.8	2165.4	1944.6
-27.5°	12230.6	9427.5	7522.4	5790.4	4539.9	3688.4	3037.5	2584.5	2281.6	2054.5	1886.5
-30°	8634.0	7034.1	5672.4	4561.1	3786.0	3138.0	2683.7	2382.1	2138.4	1948.0	1820.5
-32.5°	6156.1	5248.6	4323.0	3727.2	3162.2	2738.0	2439.5	2192.8	2002.4	1872.0	1763.0
-35°	4562.9	3991.0	3481.1	3078.1	2712.1	2452.3	2220.1	2040.9	1906.4	1796.9	1706.2
-37.5°	3543.5	3176.8	2904.8	2620.0	2413.2	2215.9	2049.8	1921.9	1816.9	1733.0	1655.4
-40°	2884.7	2662.9	2499.4	2316.8	2168.4	2026.5	1918.7	1820.5	1743.2	1670.9	1604.1
-42.5°	2448.3	2319.8	2200.9	2085.2	1974.7	1894.2	1809.8	1737.6	1670.9	1610.0	1555.0
-45°	2146.3	2065.5	1978.3	1920.2	1851.3	1785.7	1717.9	1659.9	1604.6	1553.2	1506.4
-47.5°	1935.9	1892.9	1846.7	1804.7	1750.4	1692.9	1640.1	1588.5	1540.3	1494.8	1444.7
-50°	1795.8	1769.8	1738.7	1703.2	1659.1	1611.5	1565.7	1515.5	1474.8	1432.6	1383.6
-52.5°	1691.7	1670.4	1643.1	1609.7	1576.8	1538.7	1494.9	1452.0	1413.1	1369.8	1321.7
-55°	1604.1	1584.6	1561.5	1536.3	1507.7	1468.8	1429.9	1389.5	1347.9	1305.5	1246.8
-57.5°	1524.3	1506.6	1481.8	1456.2	1429.8	1395.0	1357.3	1319.4	1276.3	1225.5	1165.3
-60°	1428.1	1413.1	1386.5	1361.8	1339.9	1312.8	1270.6	1230.6	1193.4	1133.1	1068.5
-62.5°	1304.8	1284.4	1267.3	1247.4	1225.8	1200.0	1164.4	1122.7	1077.1	1024.7	964.6
-65°	1172.6	1147.7	1132.2	1118.5	1100.4	1077.1	1041.7	1002.0	957.0	906.9	855.2
-67.5°	1046.0	1023.8	1008.3	993.4	974.5	951.3	917.7	878.6	835.8	791.0	746.4
-70°	919.1	901.5	885.8	869.5	848.7	823.4	791.0	754.7	716.5	678.1	640.4
-72.5°	787.3	773.6	757.8	738.8	716.6	692.1	664.7	634.5	602.8	569.5	537.0
-75°	652.2	639.2	623.9	606.0	586.6	565.8	543.5	518.9	493.0	465.9	438.5
-77.5°	512.8	500.6	487.4	474.0	459.9	445.0	428.5	408.0	387.4	365.8	344.0
-80°	375.2	366.7	357.6	349.7	340.9	331.2	319.9	303.7	286.8	270.1	254.5
-82.5°	253.2	247.0	240.2	235.4	230.0	224.0	217.1	206.6	196.0	185.3	174.5
-85°	143.7	138.0	132.1	130.5	128.5	126.1	123.3	118.0	112.3	106.3	100.0
-87.5°	49.0	46.0	43.0	44.2	45.2	46.0	46.6	45.1	43.6	41.9	40.2
-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: P627937 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MWR-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°	38.4	36.6	34.6	32.6	30.6	28.4	26.3	24.0	20.9	17.8	15.0
85°	93.4	86.6	79.5	72.1	64.4	56.8	52.5	48.0	41.6	35.6	29.9
82.5°	163.8	153.3	142.7	131.5	118.7	106.2	93.9	81.9	68.5	54.3	44.7
80°	240.1	225.2	209.7	193.4	174.8	155.2	138.1	121.5	105.3	88.0	69.7
77.5°	323.0	301.2	278.6	257.9	236.5	213.5	189.2	163.8	141.9	121.5	99.8
75°	411.5	385.0	357.9	329.9	301.0	271.7	243.9	214.7	185.3	155.5	129.6
72.5°	505.4	472.6	438.7	403.9	370.2	335.7	300.3	265.0	230.8	196.1	160.9
70°	601.8	561.8	522.2	483.0	441.9	399.4	359.0	317.4	275.9	236.2	196.1
67.5°	700.3	655.2	608.6	562.4	516.8	468.9	418.2	369.6	322.3	275.9	230.8
65°	803.7	750.4	695.7	643.3	591.1	538.7	483.4	422.8	367.7	315.8	265.0
62.5°	905.6	847.3	786.0	723.5	664.1	606.1	547.3	479.9	413.4	354.7	298.6
60°	1004.3	939.0	872.9	803.9	736.2	671.3	606.0	535.6	463.0	392.7	331.5
57.5°	1094.8	1026.3	952.5	879.8	806.9	734.9	662.8	588.0	511.2	433.9	363.4
55°	1179.7	1105.1	1028.1	949.6	873.1	796.4	718.1	638.3	557.5	475.0	394.6
52.5°	1259.5	1181.6	1099.8	1016.4	933.6	854.5	771.8	687.2	601.5	514.6	429.0
50°	1329.2	1255.9	1169.4	1081.3	991.7	908.1	824.0	734.6	644.1	552.7	462.5
47.5°	1387.8	1320.5	1236.9	1144.1	1049.8	960.5	872.9	780.3	685.2	589.1	494.7
45°	1445.0	1380.1	1299.3	1204.6	1107.2	1012.9	919.9	824.3	724.7	624.4	525.4
42.5°	1498.7	1433.9	1358.4	1262.7	1162.1	1063.2	965.5	865.9	762.5	657.9	554.6
40°	1544.4	1480.9	1414.0	1318.5	1213.9	1110.7	1008.9	905.8	798.6	689.8	582.3
37.5°	1588.9	1523.9	1454.9	1371.1	1262.5	1155.3	1049.7	944.3	833.5	720.6	608.3
35°	1632.0	1564.8	1491.6	1411.9	1307.6	1196.8	1087.7	980.2	866.2	750.0	632.6
32.5°	1670.5	1601.4	1525.4	1445.0	1349.3	1235.2	1122.9	1011.7	896.5	777.9	655.2
30°	1716.4	1632.2	1555.9	1477.4	1384.8	1270.4	1155.4	1041.1	924.5	804.2	676.5
27.5°	1760.3	1661.8	1583.1	1504.4	1412.8	1302.3	1185.6	1068.3	950.1	828.1	697.5
25°	1802.6	1695.6	1608.4	1527.0	1439.5	1332.9	1213.3	1093.2	972.6	849.0	716.9
22.5°	1851.4	1726.6	1632.0	1546.6	1465.1	1360.5	1238.3	1115.7	992.7	867.7	734.7
20°	1894.9	1752.1	1653.9	1565.2	1484.4	1381.3	1260.7	1135.8	1010.6	884.2	750.7
17.5°	1937.2	1781.1	1675.2	1583.0	1498.7	1399.6	1280.3	1153.4	1026.3	898.5	764.9
15°	1996.1	1814.3	1693.8	1598.1	1510.9	1415.1	1297.2	1168.5	1039.7	910.7	777.7
12.5°	2046.5	1842.1	1709.1	1610.6	1520.8	1428.0	1311.1	1181.0	1050.8	921.5	789.1
10°	2087.3	1864.3	1721.0	1620.2	1528.4	1438.1	1322.1	1191.6	1061.3	930.9	798.4
7.5°	2118.4	1880.9	1729.5	1627.0	1533.7	1445.5	1332.3	1201.0	1069.6	938.2	805.6
5°	2139.6	1891.7	1736.7	1631.0	1536.6	1450.0	1339.8	1207.7	1075.6	943.5	810.8
2.5°	2150.5	1896.5	1742.0	1632.0	1537.1	1451.4	1344.3	1211.8	1079.2	946.6	814.0
0°	2151.3	1895.4	1743.8	1630.1	1535.3	1450.0	1345.8	1213.1	1080.4	947.7	815.0
-2.5°	2150.5	1896.5	1742.0	1632.0	1537.1	1451.4	1344.3	1211.8	1079.2	946.6	814.0
-5°	2139.6	1891.7	1736.7	1631.0	1536.6	1450.0	1339.8	1207.7	1075.6	943.5	810.8
-7.5°	2118.4	1880.9	1729.5	1627.0	1533.7	1445.5	1332.3	1201.0	1069.6	938.2	805.6
-10°	2087.3	1864.3	1721.0	1620.2	1528.4	1438.1	1322.1	1191.6	1061.3	930.9	798.4
-12.5°	2046.5	1842.1	1709.1	1610.6	1520.8	1428.0	1311.1	1181.0	1050.8	921.5	789.1
-15°	1996.1	1814.3	1693.8	1598.1	1510.9	1415.1	1297.2	1168.5	1039.7	910.7	777.7
-17.5°	1937.2	1781.1	1675.2	1583.0	1498.7	1399.6	1280.3	1153.4	1026.3	898.5	764.9
-20°	1894.9	1752.1	1653.9	1565.2	1484.4	1381.3	1260.7	1135.8	1010.6	884.2	750.7



REPORT NUMBER: P627937 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1851.4	1726.6	1632.0	1546.6	1465.1	1360.5	1238.3	1115.7	992.7	867.7	734.7
-25°	1802.6	1695.6	1608.4	1527.0	1439.5	1332.9	1213.3	1093.2	972.6	849.0	716.9
-27.5°	1760.3	1661.8	1583.1	1504.4	1412.8	1302.3	1185.6	1068.3	950.1	828.1	697.5
-30°	1716.4	1632.2	1555.9	1477.4	1384.8	1270.4	1155.4	1041.1	924.5	804.2	676.5
-32.5°	1670.5	1601.4	1525.4	1445.0	1349.3	1235.2	1122.9	1011.7	896.5	777.9	655.2
-35°	1632.0	1564.8	1491.6	1411.9	1307.6	1196.8	1087.7	980.2	866.2	750.0	632.6
-37.5°	1588.9	1523.9	1454.9	1371.1	1262.5	1155.3	1049.7	944.3	833.5	720.6	608.3
-40°	1544.4	1480.9	1414.0	1318.5	1213.9	1110.7	1008.9	905.8	798.6	689.8	582.3
-42.5°	1498.7	1433.9	1358.4	1262.7	1162.1	1063.2	965.5	865.9	762.5	657.9	554.6
-45°	1445.0	1380.1	1299.3	1204.6	1107.2	1012.9	919.9	824.3	724.7	624.4	525.4
-47.5°	1387.8	1320.5	1236.9	1144.1	1049.8	960.5	872.9	780.3	685.2	589.1	494.7
-50°	1329.2	1255.9	1169.4	1081.3	991.7	908.1	824.0	734.6	644.1	552.7	462.5
-52.5°	1259.5	1181.6	1099.8	1016.4	933.6	854.5	771.8	687.2	601.5	514.6	429.0
-55°	1179.7	1105.1	1028.1	949.6	873.1	796.4	718.1	638.3	557.5	475.0	394.6
-57.5°	1094.8	1026.3	952.5	879.8	806.9	734.9	662.8	588.0	511.2	433.9	363.4
-60°	1004.3	939.0	872.9	803.9	736.2	671.3	606.0	535.6	463.0	392.7	331.5
-62.5°	905.6	847.3	786.0	723.5	664.1	606.1	547.3	479.9	413.4	354.7	298.6
-65°	803.7	750.4	695.7	643.3	591.1	538.7	483.4	422.8	367.7	315.8	265.0
-67.5°	700.3	655.2	608.6	562.4	516.8	468.9	418.2	369.6	322.3	275.9	230.8
-70°	601.8	561.8	522.2	483.0	441.9	399.4	359.0	317.4	275.9	236.2	196.1
-72.5°	505.4	472.6	438.7	403.9	370.2	335.7	300.3	265.0	230.8	196.1	160.9
-75°	411.5	385.0	357.9	329.9	301.0	271.7	243.9	214.7	185.3	155.5	129.6
-77.5°	323.0	301.2	278.6	257.9	236.5	213.5	189.2	163.8	141.9	121.5	99.8
-80°	240.1	225.2	209.7	193.4	174.8	155.2	138.1	121.5	105.3	88.0	69.7
-82.5°	163.8	153.3	142.7	131.5	118.7	106.2	93.9	81.9	68.5	54.3	44.7
-85°	93.4	86.6	79.5	72.1	64.4	56.8	52.5	48.0	41.6	35.6	29.9
-87.5°	38.4	36.6	34.6	32.6	30.6	28.4	26.3	24.0	20.9	17.8	15.0
-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: P627937 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-735-U-MWR-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°	12.3	10.3	8.2	6.2	4.1	2.1	0.0
85°	24.5	20.5	16.4	12.4	8.3	4.1	0.0
82.5°	36.7	30.7	24.6	18.5	12.4	6.2	0.0
80°	50.6	40.8	32.8	24.6	16.4	8.2	0.0
77.5°	77.0	55.1	40.8	30.7	20.5	10.3	0.0
75°	103.3	77.0	50.6	36.7	24.5	12.3	0.0
72.5°	129.2	98.7	68.0	42.6	28.5	14.2	0.0
70°	155.4	120.1	85.1	49.8	32.4	16.2	0.0
67.5°	185.0	141.2	102.0	62.5	36.2	18.1	0.0
65°	214.0	163.5	118.6	75.0	40.0	20.0	0.0
62.5°	242.3	186.8	134.9	87.2	43.7	21.9	0.0
60°	269.8	209.5	150.8	99.2	47.4	23.7	0.0
57.5°	297.4	231.5	168.2	110.8	55.0	25.5	0.0
55°	324.5	252.9	185.1	122.2	62.4	27.2	0.0
52.5°	350.9	273.7	201.4	133.2	69.5	28.8	0.0
50°	376.6	295.3	217.1	143.8	76.4	30.5	0.0
47.5°	401.9	316.1	232.2	154.3	83.0	32.0	0.0
45°	428.1	336.3	246.7	165.1	89.3	33.5	0.0
42.5°	453.1	355.7	260.4	175.4	95.3	34.9	0.0
40°	476.8	374.3	274.4	184.9	101.0	36.3	0.0
37.5°	499.1	392.1	288.5	193.8	106.3	37.6	0.0
35°	520.1	409.5	301.9	202.1	111.3	38.8	0.0
32.5°	539.6	425.8	314.5	209.9	115.9	40.0	0.0
30°	557.7	441.1	326.4	217.1	120.2	41.0	0.0
27.5°	574.2	455.1	336.9	223.8	124.1	42.0	0.0
25°	589.3	467.8	346.5	229.8	127.6	43.0	0.0
22.5°	602.8	479.2	355.1	235.3	130.8	43.8	0.0
20°	614.7	488.8	362.8	240.1	133.6	44.5	0.0
17.5°	625.5	497.3	369.5	244.3	136.0	45.2	0.0
15°	635.3	504.5	375.3	247.9	138.0	45.8	0.0
12.5°	643.6	510.5	380.0	250.9	139.6	46.3	0.0
10°	650.6	515.2	383.8	253.2	140.9	46.7	0.0
7.5°	656.1	518.6	386.5	254.8	141.8	47.0	0.0
5°	660.1	520.7	388.2	255.8	142.3	47.2	0.0
2.5°	662.6	521.6	388.9	256.2	142.4	47.4	0.0
0°	663.4	521.2	388.6	255.9	142.2	47.4	0.0
-2.5°	662.6	521.6	388.9	256.2	142.4	47.4	0.0
-5°	660.1	520.7	388.2	255.8	142.3	47.2	0.0
-7.5°	656.1	518.6	386.5	254.8	141.8	47.0	0.0
-10°	650.6	515.2	383.8	253.2	140.9	46.7	0.0
-12.5°	643.6	510.5	380.0	250.9	139.6	46.3	0.0
-15°	635.3	504.5	375.3	247.9	138.0	45.8	0.0
-17.5°	625.5	497.3	369.5	244.3	136.0	45.2	0.0
-20°	614.7	488.8	362.8	240.1	133.6	44.5	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627937 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	602.8	479.2	355.1	235.3	130.8	43.8	0.0
-25°	589.3	467.8	346.5	229.8	127.6	43.0	0.0
-27.5°	574.2	455.1	336.9	223.8	124.1	42.0	0.0
-30°	557.7	441.1	326.4	217.1	120.2	41.0	0.0
-32.5°	539.6	425.8	314.5	209.9	115.9	40.0	0.0
-35°	520.1	409.5	301.9	202.1	111.3	38.8	0.0
-37.5°	499.1	392.1	288.5	193.8	106.3	37.6	0.0
-40°	476.8	374.3	274.4	184.9	101.0	36.3	0.0
-42.5°	453.1	355.7	260.4	175.4	95.3	34.9	0.0
-45°	428.1	336.3	246.7	165.1	89.3	33.5	0.0
-47.5°	401.9	316.1	232.2	154.3	83.0	32.0	0.0
-50°	376.6	295.3	217.1	143.8	76.4	30.5	0.0
-52.5°	350.9	273.7	201.4	133.2	69.5	28.8	0.0
-55°	324.5	252.9	185.1	122.2	62.4	27.2	0.0
-57.5°	297.4	231.5	168.2	110.8	55.0	25.5	0.0
-60°	269.8	209.5	150.8	99.2	47.4	23.7	0.0
-62.5°	242.3	186.8	134.9	87.2	43.7	21.9	0.0
-65°	214.0	163.5	118.6	75.0	40.0	20.0	0.0
-67.5°	185.0	141.2	102.0	62.5	36.2	18.1	0.0
-70°	155.4	120.1	85.1	49.8	32.4	16.2	0.0
-72.5°	129.2	98.7	68.0	42.6	28.5	14.2	0.0
-75°	103.3	77.0	50.6	36.7	24.5	12.3	0.0
-77.5°	77.0	55.1	40.8	30.7	20.5	10.3	0.0
-80°	50.6	40.8	32.8	24.6	16.4	8.2	0.0
-82.5°	36.7	30.7	24.6	18.5	12.4	6.2	0.0
-85°	24.5	20.5	16.4	12.4	8.3	4.1	0.0
-87.5°	12.3	10.3	8.2	6.2	4.1	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)