

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



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645530 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5D-735-U-LAM-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645530 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/4/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5D-735-U-LAM-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, LAMBERTIAN  
Light Source: (80) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

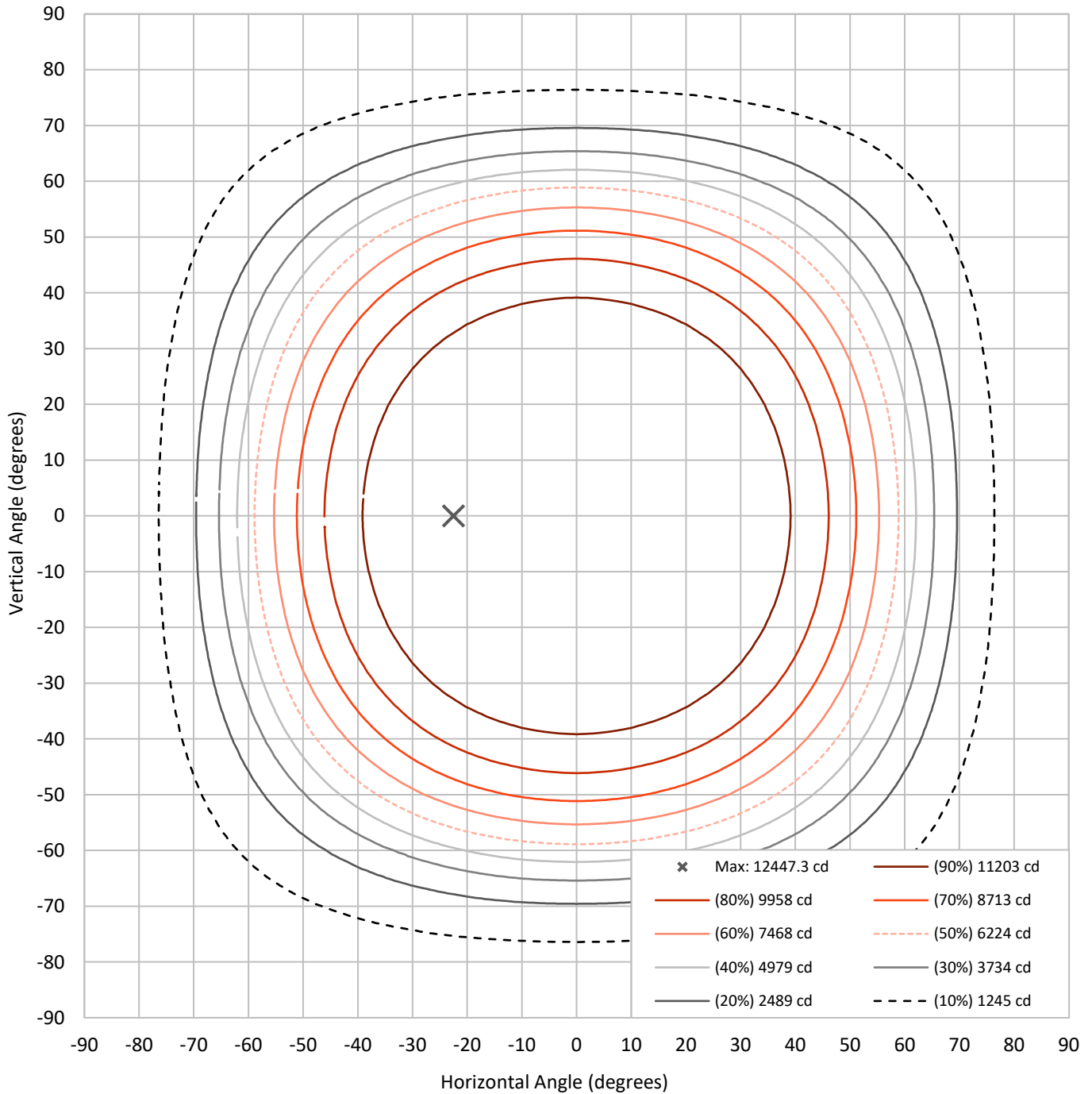
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	38077.2 lumens	Max Intensity:	12447.3 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	140.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	31688.5 lumens	Field Lumens:	37328.3 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	271.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





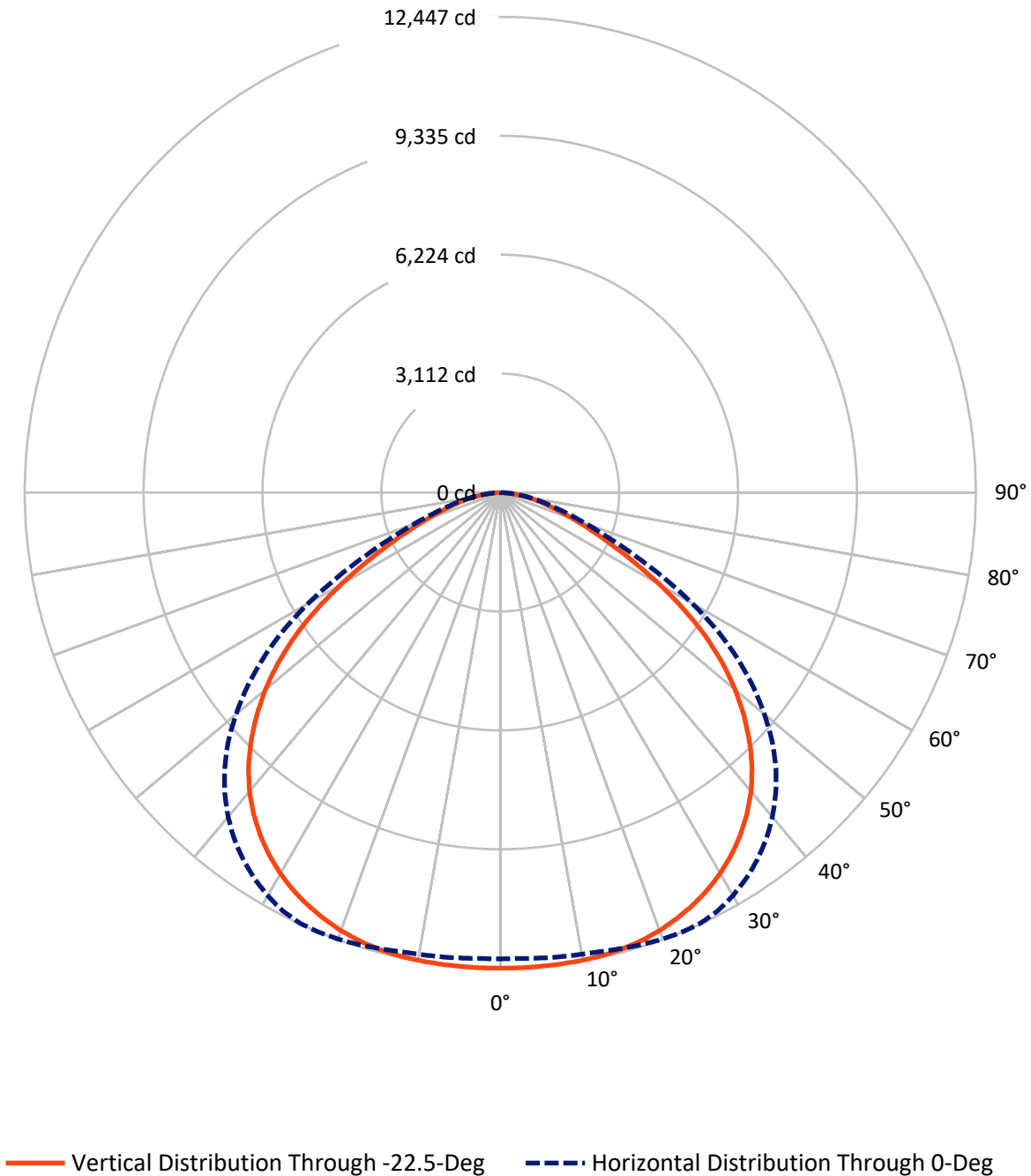
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### Lumen Table

90																			
80	1.9	19.7	55.8	92.8	108.7	92.8	55.8	19.7	1.9										
70																			
60	9.4	11.1	23.2	40.5	62.6	86.4	106.8	118.1	118.1	106.8	86.4	62.6	40.5	23.2	11.1				9.4
50																			
40	17.8	17.2	39.5	76.5	125.1	172.2	207.3	225.9	225.9	207.3	172.2	125.1	76.5	39.5	17.2				17.8
30																			
20	24.3	24.6	62.4	124.4	190.7	246.3	285.5	305.6	305.6	285.5	246.3	190.7	124.4	62.4	24.6				24.3
10																			
0	26.9	32.9	88.3	165.0	237.1	294.8	333.6	352.9	352.9	333.6	294.8	237.1	165.0	88.3	32.9				26.9
-10																			
-20	24.3	41.2	110.0	192.6	266.6	322.8	358.6	374.6	374.6	358.6	322.8	266.6	192.6	110.0	41.2				24.3
-30																			
-40	17.8	47.9	124.2	209.5	283.1	336.5	365.0	374.8	374.8	365.0	336.5	283.1	209.5	124.2	47.9				17.8
-50																			
-60	9.4	51.4	131.2	217.5	290.4	340.8	363.4	371.3	371.3	363.4	340.8	290.4	217.5	131.2	51.4				9.4
-70																			
-80	1.9	51.4	131.2	217.5	290.4	340.8	363.4	371.3	371.3	363.4	340.8	290.4	217.5	131.2	51.4				1.9
-90																			

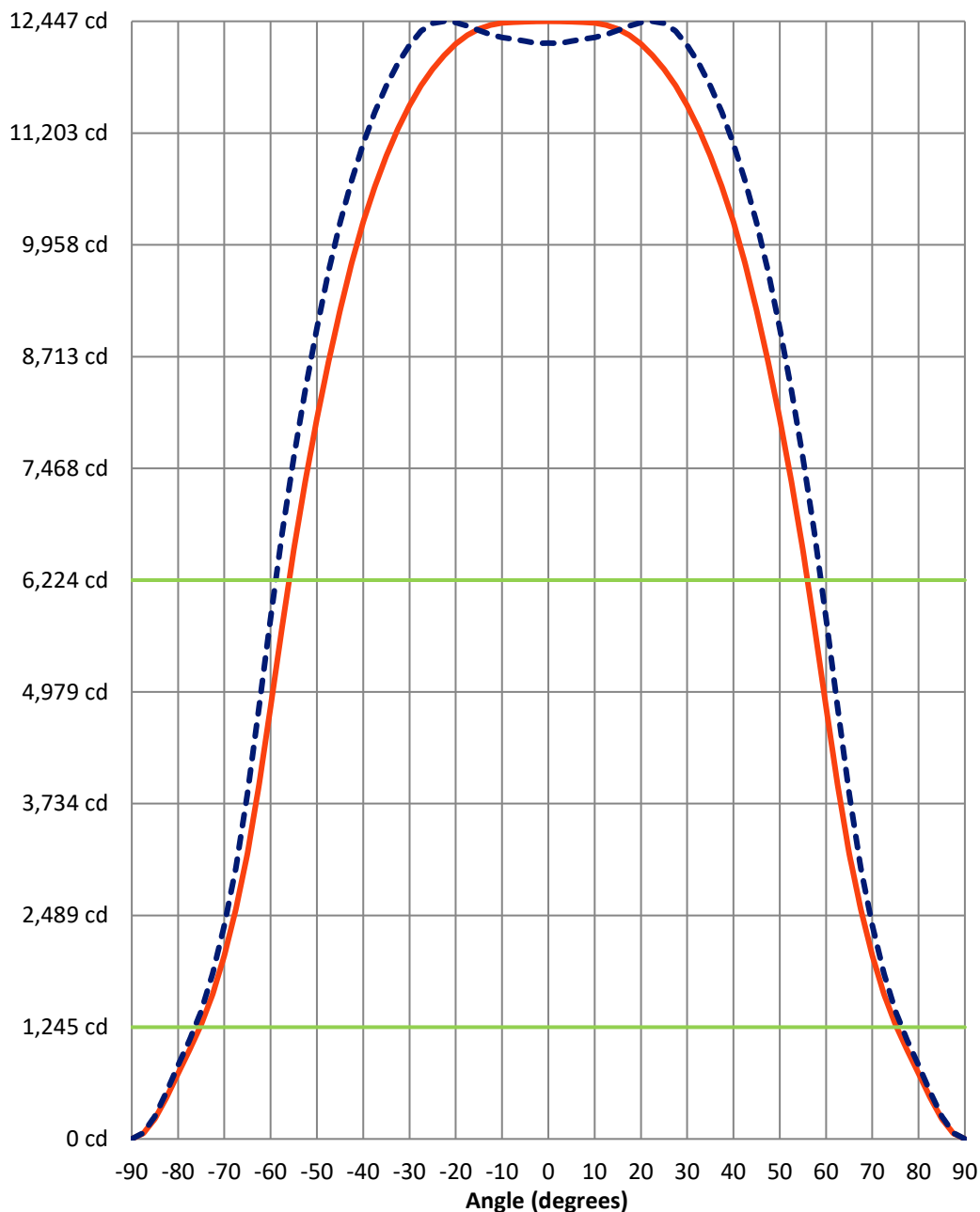
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 117.8°  
 V Angle: 112°  
 Lumens: 31688.5  
 Efficiency: 83.2%

**Field:**  
 H Angle: 152.8°  
 V Angle: 150.5°  
 Lumens: 37328.3  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 748.9  
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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	3.0	5.9	8.9	11.8	14.7	17.6	20.5	23.3	26.1	28.8
85°	0.0	5.9	11.9	17.8	23.6	29.4	35.2	40.9	46.5	52.1	57.5
82.5°	0.0	8.9	17.8	26.6	35.4	44.1	52.7	61.3	72.4	95.0	117.2
80°	0.0	11.8	23.6	35.4	47.1	58.7	73.7	104.6	135.1	165.2	194.7
77.5°	0.0	14.7	29.4	44.1	58.7	81.8	120.8	159.3	197.4	234.9	280.1
75°	0.0	17.6	35.2	52.7	73.7	120.8	167.4	213.6	261.8	327.1	391.4
72.5°	0.0	20.5	40.9	61.3	104.6	159.3	213.6	273.6	350.7	426.8	501.5
70°	0.0	23.3	46.5	72.4	135.1	197.4	261.8	350.7	438.6	525.5	619.3
67.5°	0.0	26.1	52.1	95.0	165.2	234.9	327.1	426.8	525.5	632.3	737.6
65°	0.0	28.8	57.5	117.2	194.7	280.1	391.4	501.5	619.3	737.6	852.5
62.5°	0.0	31.4	62.8	138.9	223.6	332.7	454.4	580.1	711.4	839.9	961.8
60°	0.0	34.0	68.0	160.1	251.9	384.1	516.0	659.2	801.6	936.6	1069.0
57.5°	0.0	36.6	81.7	180.8	291.4	434.3	581.6	736.5	886.6	1031.2	1183.4
55°	0.0	39.1	95.2	201.0	330.6	483.2	646.1	811.7	968.6	1126.2	1299.6
52.5°	0.0	41.4	108.2	220.5	368.5	531.5	708.8	881.9	1048.4	1228.0	1412.7
50°	0.0	43.8	120.8	239.4	405.3	582.0	769.5	949.5	1128.8	1326.8	1553.3
47.5°	0.0	46.0	133.0	259.7	440.7	630.8	827.8	1014.9	1213.6	1422.4	1693.0
45°	0.0	48.1	144.6	285.2	474.8	677.7	881.6	1077.8	1295.4	1542.7	1827.7
42.5°	0.0	50.2	155.8	309.7	507.4	722.7	933.2	1142.8	1373.8	1658.9	1986.5
40°	0.0	52.2	166.5	333.0	540.1	765.6	982.5	1208.3	1456.4	1770.2	2143.4
37.5°	0.0	54.0	176.6	355.1	572.7	806.4	1029.3	1270.5	1550.2	1883.9	2292.9
35°	0.0	55.8	186.2	376.1	603.5	843.9	1073.7	1329.4	1639.0	2010.9	2445.6
32.5°	0.0	57.4	195.2	395.7	632.4	878.5	1117.0	1384.8	1722.7	2130.6	2606.1
30°	0.0	59.0	203.6	414.1	659.4	910.9	1161.3	1440.5	1801.0	2242.7	2756.6
27.5°	0.0	60.4	211.4	431.1	684.5	940.9	1202.4	1503.8	1881.0	2347.0	2896.7
25°	0.0	61.7	218.5	446.8	707.6	968.5	1240.2	1562.1	1965.8	2455.6	3027.6
22.5°	0.0	62.9	225.0	461.1	728.6	993.7	1274.7	1615.3	2043.2	2561.0	3180.4
20°	0.0	64.0	230.9	473.9	747.5	1016.4	1305.7	1663.2	2113.0	2656.0	3318.3
17.5°	0.0	64.9	236.1	485.4	764.3	1036.6	1333.3	1705.8	2175.0	2740.5	3441.1
15°	0.0	65.8	240.6	495.3	779.0	1054.1	1357.3	1742.9	2229.1	2814.1	3548.2
12.5°	0.0	66.5	244.5	503.7	791.4	1069.0	1377.8	1774.5	2275.1	2876.9	3639.4
10°	0.0	67.1	247.7	510.6	801.6	1081.2	1394.5	1800.4	2312.9	2928.4	3714.4
7.5°	0.0	67.5	250.1	516.0	809.5	1090.8	1407.6	1820.6	2342.4	2968.7	3773.0
5°	0.0	67.8	251.9	519.9	815.2	1097.6	1417.0	1835.1	2363.6	2997.5	3814.9
2.5°	0.0	68.0	252.9	522.2	818.7	1101.7	1422.6	1843.8	2376.3	3014.8	3840.2
0°	0.0	68.1	253.3	523.0	819.8	1103.1	1424.5	1846.7	2380.5	3020.6	3848.6
-2.5°	0.0	68.0	252.9	522.2	818.7	1101.7	1422.6	1843.8	2376.3	3014.8	3840.2
-5°	0.0	67.8	251.9	519.9	815.2	1097.6	1417.0	1835.1	2363.6	2997.5	3814.9
-7.5°	0.0	67.5	250.1	516.0	809.5	1090.8	1407.6	1820.6	2342.4	2968.7	3773.0
-10°	0.0	67.1	247.7	510.6	801.6	1081.2	1394.5	1800.4	2312.9	2928.4	3714.4
-12.5°	0.0	66.5	244.5	503.7	791.4	1069.0	1377.8	1774.5	2275.1	2876.9	3639.4
-15°	0.0	65.8	240.6	495.3	779.0	1054.1	1357.3	1742.9	2229.1	2814.1	3548.2
-17.5°	0.0	64.9	236.1	485.4	764.3	1036.6	1333.3	1705.8	2175.0	2740.5	3441.1
-20°	0.0	64.0	230.9	473.9	747.5	1016.4	1305.7	1663.2	2113.0	2656.0	3318.3

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CATALOG NUMBER: GFLD-SA5D-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	62.9	225.0	461.1	728.6	993.7	1274.7	1615.3	2043.2	2561.0	3180.4
-25°	0.0	61.7	218.5	446.8	707.6	968.5	1240.2	1562.1	1965.8	2455.6	3027.6
-27.5°	0.0	60.4	211.4	431.1	684.5	940.9	1202.4	1503.8	1881.0	2347.0	2896.7
-30°	0.0	59.0	203.6	414.1	659.4	910.9	1161.3	1440.5	1801.0	2242.7	2756.6
-32.5°	0.0	57.4	195.2	395.7	632.4	878.5	1117.0	1384.8	1722.7	2130.6	2606.1
-35°	0.0	55.8	186.2	376.1	603.5	843.9	1073.7	1329.4	1639.0	2010.9	2445.6
-37.5°	0.0	54.0	176.6	355.1	572.7	806.4	1029.3	1270.5	1550.2	1883.9	2292.9
-40°	0.0	52.2	166.5	333.0	540.1	765.6	982.5	1208.3	1456.4	1770.2	2143.4
-42.5°	0.0	50.2	155.8	309.7	507.4	722.7	933.2	1142.8	1373.8	1658.9	1986.5
-45°	0.0	48.1	144.6	285.2	474.8	677.7	881.6	1077.8	1295.4	1542.7	1827.7
-47.5°	0.0	46.0	133.0	259.7	440.7	630.8	827.8	1014.9	1213.6	1422.4	1693.0
-50°	0.0	43.8	120.8	239.4	405.3	582.0	769.5	949.5	1128.8	1326.8	1553.3
-52.5°	0.0	41.4	108.2	220.5	368.5	531.5	708.8	881.9	1048.4	1228.0	1412.7
-55°	0.0	39.1	95.2	201.0	330.6	483.2	646.1	811.7	968.6	1126.2	1299.6
-57.5°	0.0	36.6	81.7	180.8	291.4	434.3	581.6	736.5	886.6	1031.2	1183.4
-60°	0.0	34.0	68.0	160.1	251.9	384.1	516.0	659.2	801.6	936.6	1069.0
-62.5°	0.0	31.4	62.8	138.9	223.6	332.7	454.4	580.1	711.4	839.9	961.8
-65°	0.0	28.8	57.5	117.2	194.7	280.1	391.4	501.5	619.3	737.6	852.5
-67.5°	0.0	26.1	52.1	95.0	165.2	234.9	327.1	426.8	525.5	632.3	737.6
-70°	0.0	23.3	46.5	72.4	135.1	197.4	261.8	350.7	438.6	525.5	619.3
-72.5°	0.0	20.5	40.9	61.3	104.6	159.3	213.6	273.6	350.7	426.8	501.5
-75°	0.0	17.6	35.2	52.7	73.7	120.8	167.4	213.6	261.8	327.1	391.4
-77.5°	0.0	14.7	29.4	44.1	58.7	81.8	120.8	159.3	197.4	234.9	280.1
-80°	0.0	11.8	23.6	35.4	47.1	58.7	73.7	104.6	135.1	165.2	194.7
-82.5°	0.0	8.9	17.8	26.6	35.4	44.1	52.7	61.3	72.4	95.0	117.2
-85°	0.0	5.9	11.9	17.8	23.6	29.4	35.2	40.9	46.5	52.1	57.5
-87.5°	0.0	3.0	5.9	8.9	11.8	14.7	17.6	20.5	23.3	26.1	28.8
-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°	31.4	34.0	36.6	39.1	41.4	43.8	46.0	48.1	50.2	52.2	54.0
85°	62.8	68.0	81.7	95.2	108.2	120.8	133.0	144.6	155.8	166.5	176.6
82.5°	138.9	160.1	180.8	201.0	220.5	239.4	259.7	285.2	309.7	333.0	355.1
80°	223.6	251.9	291.4	330.6	368.5	405.3	440.7	474.8	507.4	540.1	572.7
77.5°	332.7	384.1	434.3	483.2	531.5	582.0	630.8	677.7	722.7	765.6	806.4
75°	454.4	516.0	581.6	646.1	708.8	769.5	827.8	881.6	933.2	982.5	1029.3
72.5°	580.1	659.2	736.5	811.7	881.9	949.5	1014.9	1077.8	1142.8	1208.3	1270.5
70°	711.4	801.6	886.6	968.6	1048.4	1128.8	1213.6	1295.4	1373.8	1456.4	1550.2
67.5°	839.9	936.6	1031.2	1126.2	1228.0	1326.8	1422.4	1542.7	1658.9	1770.2	1883.9
65°	961.8	1069.0	1183.4	1299.6	1412.7	1553.3	1693.0	1827.7	1986.5	2143.4	2292.9
62.5°	1081.6	1212.2	1342.9	1484.9	1648.4	1807.2	1991.2	2179.1	2359.9	2563.6	2761.9
60°	1212.2	1357.3	1523.1	1705.8	1893.9	2113.0	2325.5	2561.0	2798.3	3027.6	3308.9
57.5°	1342.9	1523.1	1725.0	1942.7	2186.6	2432.8	2709.3	2976.9	3297.8	3618.4	3937.4
55°	1484.9	1705.8	1942.7	2211.3	2492.3	2799.1	3119.7	3493.4	3855.1	4258.1	4644.0
52.5°	1648.4	1893.9	2186.6	2492.3	2829.1	3198.0	3611.7	4039.6	4490.3	4927.8	5357.0
50°	1807.2	2113.0	2432.8	2799.1	3198.0	3651.4	4132.5	4630.9	5122.8	5602.7	6052.1
47.5°	1991.2	2325.5	2709.3	3119.7	3611.7	4132.5	4678.0	5221.0	5751.6	6243.9	6715.4
45°	2179.1	2561.0	2976.9	3493.4	4039.6	4630.9	5221.0	5801.5	6340.5	6849.2	7294.2
42.5°	2359.9	2798.3	3297.8	3855.1	4490.3	5122.8	5751.6	6340.5	6892.8	7382.7	7829.7
40°	2563.6	3027.6	3618.4	4258.1	4927.8	5602.7	6243.9	6849.2	7382.7	7870.5	8323.2
37.5°	2761.9	3308.9	3937.4	4644.0	5357.0	6052.1	6715.4	7294.2	7829.7	8323.2	8757.4
35°	2950.2	3576.4	4276.3	5018.0	5766.6	6473.3	7118.9	7708.2	8240.2	8719.1	9163.1
32.5°	3159.5	3829.3	4597.1	5377.4	6139.7	6859.4	7499.4	8075.9	8604.8	9091.1	9532.0
30°	3375.3	4102.0	4901.6	5715.8	6490.2	7194.2	7833.1	8416.8	8941.6	9421.9	9854.0
27.5°	3576.4	4359.3	5192.0	6022.1	6810.4	7508.1	8138.4	8713.1	9241.0	9724.5	10143.2
25°	3762.2	4597.1	5460.8	6302.4	7080.0	7779.3	8415.3	8989.6	9514.4	9978.4	10385.5
22.5°	3945.5	4815.0	5707.2	6559.6	7327.6	8021.7	8651.9	9227.8	9752.9	10212.5	10603.2
20°	4123.8	5018.0	5924.5	6787.8	7552.4	8242.0	8867.4	9442.1	9953.2	10398.2	10787.1
17.5°	4282.4	5198.9	6114.6	6971.9	7737.1	8430.0	9058.0	9634.6	10133.4	10565.8	10946.0
15°	4421.0	5357.0	6280.9	7133.2	7896.1	8586.3	9214.2	9784.6	10279.9	10708.8	11086.3
12.5°	4539.0	5491.8	6422.8	7270.9	8031.9	8720.0	9348.1	9910.5	10397.5	10820.8	11190.2
10°	4636.2	5602.7	6539.7	7384.4	8144.0	8830.4	9458.8	10014.8	10495.1	10913.9	11276.7
7.5°	4712.1	5689.4	6631.1	7473.3	8231.8	8917.0	9545.7	10096.7	10571.8	10987.3	11345.0
5°	4766.5	5751.6	6696.7	7537.0	8294.8	8979.1	9608.1	10155.6	10627.0	11040.2	11394.3
2.5°	4799.2	5789.0	6736.1	7575.4	8332.7	9016.6	9645.7	10191.1	10660.4	11072.1	11424.1
0°	4810.1	5801.5	6749.3	7588.2	8345.4	9029.1	9658.3	10203.0	10671.5	11082.8	11434.1
-2.5°	4799.2	5789.0	6736.1	7575.4	8332.7	9016.6	9645.7	10191.1	10660.4	11072.1	11424.1
-5°	4766.5	5751.6	6696.7	7537.0	8294.8	8979.1	9608.1	10155.6	10627.0	11040.2	11394.3
-7.5°	4712.1	5689.4	6631.1	7473.3	8231.8	8917.0	9545.7	10096.7	10571.8	10987.3	11345.0
-10°	4636.2	5602.7	6539.7	7384.4	8144.0	8830.4	9458.8	10014.8	10495.1	10913.9	11276.7
-12.5°	4539.0	5491.8	6422.8	7270.9	8031.9	8720.0	9348.1	9910.5	10397.5	10820.8	11190.2
-15°	4421.0	5357.0	6280.9	7133.2	7896.1	8586.3	9214.2	9784.6	10279.9	10708.8	11086.3
-17.5°	4282.4	5198.9	6114.6	6971.9	7737.1	8430.0	9058.0	9634.6	10133.4	10565.8	10946.0
-20°	4123.8	5018.0	5924.5	6787.8	7552.4	8242.0	8867.4	9442.1	9953.2	10398.2	10787.1

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P645530 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5D-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	3945.5	4815.0	5707.2	6559.6	7327.6	8021.7	8651.9	9227.8	9752.9	10212.5	10603.2
-25°	3762.2	4597.1	5460.8	6302.4	7080.0	7779.3	8415.3	8989.6	9514.4	9978.4	10385.5
-27.5°	3576.4	4359.3	5192.0	6022.1	6810.4	7508.1	8138.4	8713.1	9241.0	9724.5	10143.2
-30°	3375.3	4102.0	4901.6	5715.8	6490.2	7194.2	7833.1	8416.8	8941.6	9421.9	9854.0
-32.5°	3159.5	3829.3	4597.1	5377.4	6139.7	6859.4	7499.4	8075.9	8604.8	9091.1	9532.0
-35°	2950.2	3576.4	4276.3	5018.0	5766.6	6473.3	7118.9	7708.2	8240.2	8719.1	9163.1
-37.5°	2761.9	3308.9	3937.4	4644.0	5357.0	6052.1	6715.4	7294.2	7829.7	8323.2	8757.4
-40°	2563.6	3027.6	3618.4	4258.1	4927.8	5602.7	6243.9	6849.2	7382.7	7870.5	8323.2
-42.5°	2359.9	2798.3	3297.8	3855.1	4490.3	5122.8	5751.6	6340.5	6892.8	7382.7	7829.7
-45°	2179.1	2561.0	2976.9	3493.4	4039.6	4630.9	5221.0	5801.5	6340.5	6849.2	7294.2
-47.5°	1991.2	2325.5	2709.3	3119.7	3611.7	4132.5	4678.0	5221.0	5751.6	6243.9	6715.4
-50°	1807.2	2113.0	2432.8	2799.1	3198.0	3651.4	4132.5	4630.9	5122.8	5602.7	6052.1
-52.5°	1648.4	1893.9	2186.6	2492.3	2829.1	3198.0	3611.7	4039.6	4490.3	4927.8	5357.0
-55°	1484.9	1705.8	1942.7	2211.3	2492.3	2799.1	3119.7	3493.4	3855.1	4258.1	4644.0
-57.5°	1342.9	1523.1	1725.0	1942.7	2186.6	2432.8	2709.3	2976.9	3297.8	3618.4	3937.4
-60°	1212.2	1357.3	1523.1	1705.8	1893.9	2113.0	2325.5	2561.0	2798.3	3027.6	3308.9
-62.5°	1081.6	1212.2	1342.9	1484.9	1648.4	1807.2	1991.2	2179.1	2359.9	2563.6	2761.9
-65°	961.8	1069.0	1183.4	1299.6	1412.7	1553.3	1693.0	1827.7	1986.5	2143.4	2292.9
-67.5°	839.9	936.6	1031.2	1126.2	1228.0	1326.8	1422.4	1542.7	1658.9	1770.2	1883.9
-70°	711.4	801.6	886.6	968.6	1048.4	1128.8	1213.6	1295.4	1373.8	1456.4	1550.2
-72.5°	580.1	659.2	736.5	811.7	881.9	949.5	1014.9	1077.8	1142.8	1208.3	1270.5
-75°	454.4	516.0	581.6	646.1	708.8	769.5	827.8	881.6	933.2	982.5	1029.3
-77.5°	332.7	384.1	434.3	483.2	531.5	582.0	630.8	677.7	722.7	765.6	806.4
-80°	223.6	251.9	291.4	330.6	368.5	405.3	440.7	474.8	507.4	540.1	572.7
-82.5°	138.9	160.1	180.8	201.0	220.5	239.4	259.7	285.2	309.7	333.0	355.1
-85°	62.8	68.0	81.7	95.2	108.2	120.8	133.0	144.6	155.8	166.5	176.6
-87.5°	31.4	34.0	36.6	39.1	41.4	43.8	46.0	48.1	50.2	52.2	54.0
-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: P645530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-735-U-LAM-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°	55.8	57.4	59.0	60.4	61.7	62.9	64.0	64.9	65.8	66.5	67.1
85°	186.2	195.2	203.6	211.4	218.5	225.0	230.9	236.1	240.6	244.5	247.7
82.5°	376.1	395.7	414.1	431.1	446.8	461.1	473.9	485.4	495.3	503.7	510.6
80°	603.5	632.4	659.4	684.5	707.6	728.6	747.5	764.3	779.0	791.4	801.6
77.5°	843.9	878.5	910.9	940.9	968.5	993.7	1016.4	1036.6	1054.1	1069.0	1081.2
75°	1073.7	1117.0	1161.3	1202.4	1240.2	1274.7	1305.7	1333.3	1357.3	1377.8	1394.5
72.5°	1329.4	1384.8	1440.5	1503.8	1562.1	1615.3	1663.2	1705.8	1742.9	1774.5	1800.4
70°	1639.0	1722.7	1801.0	1881.0	1965.8	2043.2	2113.0	2175.0	2229.1	2275.1	2312.9
67.5°	2010.9	2130.6	2242.7	2347.0	2455.6	2561.0	2656.0	2740.5	2814.1	2876.9	2928.4
65°	2445.6	2606.1	2756.6	2896.7	3027.6	3180.4	3318.3	3441.1	3548.2	3639.4	3714.4
62.5°	2950.2	3159.5	3375.3	3576.4	3762.2	3945.5	4123.8	4282.4	4421.0	4539.0	4636.2
60°	3576.4	3829.3	4102.0	4359.3	4597.1	4815.0	5018.0	5198.9	5357.0	5491.8	5602.7
57.5°	4276.3	4597.1	4901.6	5192.0	5460.8	5707.2	5924.5	6114.6	6280.9	6422.8	6539.7
55°	5018.0	5377.4	5715.8	6022.1	6302.4	6559.6	6787.8	6971.9	7133.2	7270.9	7384.4
52.5°	5766.6	6139.7	6490.2	6810.4	7080.0	7327.6	7552.4	7737.1	7896.1	8031.9	8144.0
50°	6473.3	6859.4	7194.2	7508.1	7779.3	8021.7	8242.0	8430.0	8586.3	8720.0	8830.4
47.5°	7118.9	7499.4	7833.1	8138.4	8415.3	8651.9	8867.4	9058.0	9214.2	9348.1	9458.8
45°	7708.2	8075.9	8416.8	8713.1	8989.6	9227.8	9442.1	9634.6	9784.6	9910.5	10014.8
42.5°	8240.2	8604.8	8941.6	9241.0	9514.4	9752.9	9953.2	10133.4	10279.9	10397.5	10495.1
40°	8719.1	9091.1	9421.9	9724.5	9978.4	10212.5	10398.2	10565.8	10708.8	10820.8	10913.9
37.5°	9163.1	9532.0	9854.0	10143.2	10385.5	10603.2	10787.1	10946.0	11086.3	11190.2	11276.7
35°	9569.0	9919.5	10238.0	10503.2	10743.3	10948.3	11129.4	11275.9	11406.2	11505.3	11584.2
32.5°	9919.5	10267.0	10562.8	10823.8	11058.3	11249.5	11423.2	11557.4	11675.7	11771.1	11844.4
30°	10238.0	10562.8	10850.9	11109.5	11323.1	11509.4	11665.8	11796.9	11906.1	11997.1	12061.5
27.5°	10503.2	10823.8	11109.5	11347.9	11552.3	11731.7	11874.8	12001.0	12096.4	12180.0	12235.5
25°	10743.3	11058.3	11323.1	11552.3	11750.8	11914.6	12050.8	12165.1	12249.6	12321.3	12362.6
22.5°	10948.3	11249.5	11509.4	11731.7	11914.6	12067.6	12195.9	12292.8	12362.0	12405.3	12429.7
20°	11129.4	11423.2	11665.8	11874.8	12050.8	12195.9	12307.4	12378.9	12427.1	12439.0	12446.0
17.5°	11275.9	11557.4	11796.9	12001.0	12165.1	12292.8	12378.9	12429.4	12443.9	12441.3	12434.1
15°	11406.2	11675.7	11906.1	12096.4	12249.6	12362.0	12427.1	12443.9	12439.6	12425.1	12402.7
12.5°	11505.3	11771.1	11997.1	12180.0	12321.3	12405.3	12439.0	12441.3	12425.1	12397.2	12365.4
10°	11584.2	11844.4	12061.5	12235.5	12362.6	12429.7	12446.0	12434.1	12402.7	12365.4	12330.0
7.5°	11646.6	11902.6	12112.8	12279.8	12389.6	12437.2	12440.8	12418.4	12380.5	12338.2	12300.0
5°	11691.8	11944.8	12150.1	12312.1	12409.4	12442.8	12436.9	12405.9	12362.1	12317.9	12282.9
2.5°	11719.1	11970.3	12172.8	12331.8	12421.4	12446.2	12434.5	12398.2	12350.6	12304.8	12271.6
0°	11728.3	11978.9	12180.4	12338.4	12425.5	12447.3	12433.7	12395.6	12346.6	12300.3	12267.6
-2.5°	11719.1	11970.3	12172.8	12331.8	12421.4	12446.2	12434.5	12398.2	12350.6	12304.8	12271.6
-5°	11691.8	11944.8	12150.1	12312.1	12409.4	12442.8	12436.9	12405.9	12362.1	12317.9	12282.9
-7.5°	11646.6	11902.6	12112.8	12279.8	12389.6	12437.2	12440.8	12418.4	12380.5	12338.2	12300.0
-10°	11584.2	11844.4	12061.5	12235.5	12362.6	12429.7	12446.0	12434.1	12402.7	12365.4	12330.0
-12.5°	11505.3	11771.1	11997.1	12180.0	12321.3	12405.3	12439.0	12441.3	12425.1	12397.2	12365.4
-15°	11406.2	11675.7	11906.1	12096.4	12249.6	12362.0	12427.1	12443.9	12439.6	12425.1	12402.7
-17.5°	11275.9	11557.4	11796.9	12001.0	12165.1	12292.8	12378.9	12429.4	12443.9	12441.3	12434.1
-20°	11129.4	11423.2	11665.8	11874.8	12050.8	12195.9	12307.4	12378.9	12427.1	12439.0	12446.0

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REPORT NUMBER: P645530 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5D-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	10948.3	11249.5	11509.4	11731.7	11914.6	12067.6	12195.9	12292.8	12362.0	12405.3	12429.7
-25°	10743.3	11058.3	11323.1	11552.3	11750.8	11914.6	12050.8	12165.1	12249.6	12321.3	12362.6
-27.5°	10503.2	10823.8	11109.5	11347.9	11552.3	11731.7	11874.8	12001.0	12096.4	12180.0	12235.5
-30°	10238.0	10562.8	10850.9	11109.5	11323.1	11509.4	11665.8	11796.9	11906.1	11997.1	12061.5
-32.5°	9919.5	10267.0	10562.8	10823.8	11058.3	11249.5	11423.2	11557.4	11675.7	11771.1	11844.4
-35°	9569.0	9919.5	10238.0	10503.2	10743.3	10948.3	11129.4	11275.9	11406.2	11505.3	11584.2
-37.5°	9163.1	9532.0	9854.0	10143.2	10385.5	10603.2	10787.1	10946.0	11086.3	11190.2	11276.7
-40°	8719.1	9091.1	9421.9	9724.5	9978.4	10212.5	10398.2	10565.8	10708.8	10820.8	10913.9
-42.5°	8240.2	8604.8	8941.6	9241.0	9514.4	9752.9	9953.2	10133.4	10279.9	10397.5	10495.1
-45°	7708.2	8075.9	8416.8	8713.1	8989.6	9227.8	9442.1	9634.6	9784.6	9910.5	10014.8
-47.5°	7118.9	7499.4	7833.1	8138.4	8415.3	8651.9	8867.4	9058.0	9214.2	9348.1	9458.8
-50°	6473.3	6859.4	7194.2	7508.1	7779.3	8021.7	8242.0	8430.0	8586.3	8720.0	8830.4
-52.5°	5766.6	6139.7	6490.2	6810.4	7080.0	7327.6	7552.4	7737.1	7896.1	8031.9	8144.0
-55°	5018.0	5377.4	5715.8	6022.1	6302.4	6559.6	6787.8	6971.9	7133.2	7270.9	7384.4
-57.5°	4276.3	4597.1	4901.6	5192.0	5460.8	5707.2	5924.5	6114.6	6280.9	6422.8	6539.7
-60°	3576.4	3829.3	4102.0	4359.3	4597.1	4815.0	5018.0	5198.9	5357.0	5491.8	5602.7
-62.5°	2950.2	3159.5	3375.3	3576.4	3762.2	3945.5	4123.8	4282.4	4421.0	4539.0	4636.2
-65°	2445.6	2606.1	2756.6	2896.7	3027.6	3180.4	3318.3	3441.1	3548.2	3639.4	3714.4
-67.5°	2010.9	2130.6	2242.7	2347.0	2455.6	2561.0	2656.0	2740.5	2814.1	2876.9	2928.4
-70°	1639.0	1722.7	1801.0	1881.0	1965.8	2043.2	2113.0	2175.0	2229.1	2275.1	2312.9
-72.5°	1329.4	1384.8	1440.5	1503.8	1562.1	1615.3	1663.2	1705.8	1742.9	1774.5	1800.4
-75°	1073.7	1117.0	1161.3	1202.4	1240.2	1274.7	1305.7	1333.3	1357.3	1377.8	1394.5
-77.5°	843.9	878.5	910.9	940.9	968.5	993.7	1016.4	1036.6	1054.1	1069.0	1081.2
-80°	603.5	632.4	659.4	684.5	707.6	728.6	747.5	764.3	779.0	791.4	801.6
-82.5°	376.1	395.7	414.1	431.1	446.8	461.1	473.9	485.4	495.3	503.7	510.6
-85°	186.2	195.2	203.6	211.4	218.5	225.0	230.9	236.1	240.6	244.5	247.7
-87.5°	55.8	57.4	59.0	60.4	61.7	62.9	64.0	64.9	65.8	66.5	67.1
-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: P645530 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	67.5	67.8	68.0	68.1	68.0	67.8	67.5	67.1	66.5	65.8	64.9
85°	250.1	251.9	252.9	253.3	252.9	251.9	250.1	247.7	244.5	240.6	236.1
82.5°	516.0	519.9	522.2	523.0	522.2	519.9	516.0	510.6	503.7	495.3	485.4
80°	809.5	815.2	818.7	819.8	818.7	815.2	809.5	801.6	791.4	779.0	764.3
77.5°	1090.8	1097.6	1101.7	1103.1	1101.7	1097.6	1090.8	1081.2	1069.0	1054.1	1036.6
75°	1407.6	1417.0	1422.6	1424.5	1422.6	1417.0	1407.6	1394.5	1377.8	1357.3	1333.3
72.5°	1820.6	1835.1	1843.8	1846.7	1843.8	1835.1	1820.6	1800.4	1774.5	1742.9	1705.8
70°	2342.4	2363.6	2376.3	2380.5	2376.3	2363.6	2342.4	2312.9	2275.1	2229.1	2175.0
67.5°	2968.7	2997.5	3014.8	3020.6	3014.8	2997.5	2968.7	2928.4	2876.9	2814.1	2740.5
65°	3773.0	3814.9	3840.2	3848.6	3840.2	3814.9	3773.0	3714.4	3639.4	3548.2	3441.1
62.5°	4712.1	4766.5	4799.2	4810.1	4799.2	4766.5	4712.1	4636.2	4539.0	4421.0	4282.4
60°	5689.4	5751.6	5789.0	5801.5	5789.0	5751.6	5689.4	5602.7	5491.8	5357.0	5198.9
57.5°	6631.1	6696.7	6736.1	6749.3	6736.1	6696.7	6631.1	6539.7	6422.8	6280.9	6114.6
55°	7473.3	7537.0	7575.4	7588.2	7575.4	7537.0	7473.3	7384.4	7270.9	7133.2	6971.9
52.5°	8231.8	8294.8	8332.7	8345.4	8332.7	8294.8	8231.8	8144.0	8031.9	7896.1	7737.1
50°	8917.0	8979.1	9016.6	9029.1	9016.6	8979.1	8917.0	8830.4	8720.0	8586.3	8430.0
47.5°	9545.7	9608.1	9645.7	9658.3	9645.7	9608.1	9545.7	9458.8	9348.1	9214.2	9058.0
45°	10096.7	10155.6	10191.1	10203.0	10191.1	10155.6	10096.7	10014.8	9910.5	9784.6	9634.6
42.5°	10571.8	10627.0	10660.4	10671.5	10660.4	10627.0	10571.8	10495.1	10397.5	10279.9	10133.4
40°	10987.3	11040.2	11072.1	11082.8	11072.1	11040.2	10987.3	10913.9	10820.8	10708.8	10565.8
37.5°	11345.0	11394.3	11424.1	11434.1	11424.1	11394.3	11345.0	11276.7	11190.2	11086.3	10946.0
35°	11646.6	11691.8	11719.1	11728.3	11719.1	11691.8	11646.6	11584.2	11505.3	11406.2	11275.9
32.5°	11902.6	11944.8	11970.3	11978.9	11970.3	11944.8	11902.6	11844.4	11771.1	11675.7	11557.4
30°	12112.8	12150.1	12172.8	12180.4	12172.8	12150.1	12112.8	12061.5	11997.1	11906.1	11796.9
27.5°	12279.8	12312.1	12331.8	12338.4	12331.8	12312.1	12279.8	12235.5	12180.0	12096.4	12001.0
25°	12389.6	12409.4	12421.4	12425.5	12421.4	12409.4	12389.6	12362.6	12321.3	12249.6	12165.1
22.5°	12437.2	12442.8	12446.2	12447.3	12446.2	12442.8	12437.2	12429.7	12405.3	12362.0	12292.8
20°	12440.8	12436.9	12434.5	12433.7	12434.5	12436.9	12440.8	12446.0	12439.0	12427.1	12378.9
17.5°	12418.4	12405.9	12398.2	12395.6	12398.2	12405.9	12418.4	12434.1	12441.3	12443.9	12429.4
15°	12380.5	12362.1	12350.6	12346.6	12350.6	12362.1	12380.5	12402.7	12425.1	12439.6	12443.9
12.5°	12338.2	12317.9	12304.8	12300.3	12304.8	12317.9	12338.2	12365.4	12397.2	12425.1	12441.3
10°	12300.0	12282.9	12271.6	12267.6	12271.6	12282.9	12300.0	12330.0	12365.4	12402.7	12434.1
7.5°	12275.3	12260.0	12251.6	12248.5	12251.6	12260.0	12275.3	12300.0	12338.2	12380.5	12418.4
5°	12260.0	12244.7	12231.8	12226.7	12231.8	12244.7	12260.0	12282.9	12317.9	12362.1	12405.9
2.5°	12251.6	12231.8	12212.3	12202.2	12212.3	12231.8	12251.6	12271.6	12304.8	12350.6	12398.2
0°	12248.5	12226.7	12202.2	12204.9	12202.2	12226.7	12248.5	12267.6	12300.3	12346.6	12395.6
-2.5°	12251.6	12231.8	12212.3	12202.2	12212.3	12231.8	12251.6	12271.6	12304.8	12350.6	12398.2
-5°	12260.0	12244.7	12231.8	12226.7	12231.8	12244.7	12260.0	12282.9	12317.9	12362.1	12405.9
-7.5°	12275.3	12260.0	12251.6	12248.5	12251.6	12260.0	12275.3	12300.0	12338.2	12380.5	12418.4
-10°	12300.0	12282.9	12271.6	12267.6	12271.6	12282.9	12300.0	12330.0	12365.4	12402.7	12434.1
-12.5°	12338.2	12317.9	12304.8	12300.3	12304.8	12317.9	12338.2	12365.4	12397.2	12425.1	12441.3
-15°	12380.5	12362.1	12350.6	12346.6	12350.6	12362.1	12380.5	12402.7	12425.1	12439.6	12443.9
-17.5°	12418.4	12405.9	12398.2	12395.6	12398.2	12405.9	12418.4	12434.1	12441.3	12443.9	12429.4
-20°	12440.8	12436.9	12434.5	12433.7	12434.5	12436.9	12440.8	12446.0	12439.0	12427.1	12378.9



REPORT NUMBER: P645530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12437.2	12442.8	12446.2	12447.3	12446.2	12442.8	12437.2	12429.7	12405.3	12362.0	12292.8
-25°	12389.6	12409.4	12421.4	12425.5	12421.4	12409.4	12389.6	12362.6	12321.3	12249.6	12165.1
-27.5°	12279.8	12312.1	12331.8	12338.4	12331.8	12312.1	12279.8	12235.5	12180.0	12096.4	12001.0
-30°	12112.8	12150.1	12172.8	12180.4	12172.8	12150.1	12112.8	12061.5	11997.1	11906.1	11796.9
-32.5°	11902.6	11944.8	11970.3	11978.9	11970.3	11944.8	11902.6	11844.4	11771.1	11675.7	11557.4
-35°	11646.6	11691.8	11719.1	11728.3	11719.1	11691.8	11646.6	11584.2	11505.3	11406.2	11275.9
-37.5°	11345.0	11394.3	11424.1	11434.1	11424.1	11394.3	11345.0	11276.7	11190.2	11086.3	10946.0
-40°	10987.3	11040.2	11072.1	11082.8	11072.1	11040.2	10987.3	10913.9	10820.8	10708.8	10565.8
-42.5°	10571.8	10627.0	10660.4	10671.5	10660.4	10627.0	10571.8	10495.1	10397.5	10279.9	10133.4
-45°	10096.7	10155.6	10191.1	10203.0	10191.1	10155.6	10096.7	10014.8	9910.5	9784.6	9634.6
-47.5°	9545.7	9608.1	9645.7	9658.3	9645.7	9608.1	9545.7	9458.8	9348.1	9214.2	9058.0
-50°	8917.0	8979.1	9016.6	9029.1	9016.6	8979.1	8917.0	8830.4	8720.0	8586.3	8430.0
-52.5°	8231.8	8294.8	8332.7	8345.4	8332.7	8294.8	8231.8	8144.0	8031.9	7896.1	7737.1
-55°	7473.3	7537.0	7575.4	7588.2	7575.4	7537.0	7473.3	7384.4	7270.9	7133.2	6971.9
-57.5°	6631.1	6696.7	6736.1	6749.3	6736.1	6696.7	6631.1	6539.7	6422.8	6280.9	6114.6
-60°	5689.4	5751.6	5789.0	5801.5	5789.0	5751.6	5689.4	5602.7	5491.8	5357.0	5198.9
-62.5°	4712.1	4766.5	4799.2	4810.1	4799.2	4766.5	4712.1	4636.2	4539.0	4421.0	4282.4
-65°	3773.0	3814.9	3840.2	3848.6	3840.2	3814.9	3773.0	3714.4	3639.4	3548.2	3441.1
-67.5°	2968.7	2997.5	3014.8	3020.6	3014.8	2997.5	2968.7	2928.4	2876.9	2814.1	2740.5
-70°	2342.4	2363.6	2376.3	2380.5	2376.3	2363.6	2342.4	2312.9	2275.1	2229.1	2175.0
-72.5°	1820.6	1835.1	1843.8	1846.7	1843.8	1835.1	1820.6	1800.4	1774.5	1742.9	1705.8
-75°	1407.6	1417.0	1422.6	1424.5	1422.6	1417.0	1407.6	1394.5	1377.8	1357.3	1333.3
-77.5°	1090.8	1097.6	1101.7	1103.1	1101.7	1097.6	1090.8	1081.2	1069.0	1054.1	1036.6
-80°	809.5	815.2	818.7	819.8	818.7	815.2	809.5	801.6	791.4	779.0	764.3
-82.5°	516.0	519.9	522.2	523.0	522.2	519.9	516.0	510.6	503.7	495.3	485.4
-85°	250.1	251.9	252.9	253.3	252.9	251.9	250.1	247.7	244.5	240.6	236.1
-87.5°	67.5	67.8	68.0	68.1	68.0	67.8	67.5	67.1	66.5	65.8	64.9
-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: P645530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-735-U-LAM-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°	64.0	62.9	61.7	60.4	59.0	57.4	55.8	54.0	52.2	50.2	48.1
85°	230.9	225.0	218.5	211.4	203.6	195.2	186.2	176.6	166.5	155.8	144.6
82.5°	473.9	461.1	446.8	431.1	414.1	395.7	376.1	355.1	333.0	309.7	285.2
80°	747.5	728.6	707.6	684.5	659.4	632.4	603.5	572.7	540.1	507.4	474.8
77.5°	1016.4	993.7	968.5	940.9	910.9	878.5	843.9	806.4	765.6	722.7	677.7
75°	1305.7	1274.7	1240.2	1202.4	1161.3	1117.0	1073.7	1029.3	982.5	933.2	881.6
72.5°	1663.2	1615.3	1562.1	1503.8	1440.5	1384.8	1329.4	1270.5	1208.3	1142.8	1077.8
70°	2113.0	2043.2	1965.8	1881.0	1801.0	1722.7	1639.0	1550.2	1456.4	1373.8	1295.4
67.5°	2656.0	2561.0	2455.6	2347.0	2242.7	2130.6	2010.9	1883.9	1770.2	1658.9	1542.7
65°	3318.3	3180.4	3027.6	2896.7	2756.6	2606.1	2445.6	2292.9	2143.4	1986.5	1827.7
62.5°	4123.8	3945.5	3762.2	3576.4	3375.3	3159.5	2950.2	2761.9	2563.6	2359.9	2179.1
60°	5018.0	4815.0	4597.1	4359.3	4102.0	3829.3	3576.4	3308.9	3027.6	2798.3	2561.0
57.5°	5924.5	5707.2	5460.8	5192.0	4901.6	4597.1	4276.3	3937.4	3618.4	3297.8	2976.9
55°	6787.8	6559.6	6302.4	6022.1	5715.8	5377.4	5018.0	4644.0	4258.1	3855.1	3493.4
52.5°	7552.4	7327.6	7080.0	6810.4	6490.2	6139.7	5766.6	5357.0	4927.8	4490.3	4039.6
50°	8242.0	8021.7	7779.3	7508.1	7194.2	6859.4	6473.3	6052.1	5602.7	5122.8	4630.9
47.5°	8867.4	8651.9	8415.3	8138.4	7833.1	7499.4	7118.9	6715.4	6243.9	5751.6	5221.0
45°	9442.1	9227.8	8989.6	8713.1	8416.8	8075.9	7708.2	7294.2	6849.2	6340.5	5801.5
42.5°	9953.2	9752.9	9514.4	9241.0	8941.6	8604.8	8240.2	7829.7	7382.7	6892.8	6340.5
40°	10398.2	10212.5	9978.4	9724.5	9421.9	9091.1	8719.1	8323.2	7870.5	7382.7	6849.2
37.5°	10787.1	10603.2	10385.5	10143.2	9854.0	9532.0	9163.1	8757.4	8323.2	7829.7	7294.2
35°	11129.4	10948.3	10743.3	10503.2	10238.0	9919.5	9569.0	9163.1	8719.1	8240.2	7708.2
32.5°	11423.2	11249.5	11058.3	10823.8	10562.8	10267.0	9919.5	9532.0	9091.1	8604.8	8075.9
30°	11665.8	11509.4	11323.1	11109.5	10850.9	10562.8	10238.0	9854.0	9421.9	8941.6	8416.8
27.5°	11874.8	11731.7	11552.3	11347.9	11109.5	10823.8	10503.2	10143.2	9724.5	9241.0	8713.1
25°	12050.8	11914.6	11750.8	11552.3	11323.1	11058.3	10743.3	10385.5	9978.4	9514.4	8989.6
22.5°	12195.9	12067.6	11914.6	11731.7	11509.4	11249.5	10948.3	10603.2	10212.5	9752.9	9227.8
20°	12307.4	12195.9	12050.8	11874.8	11665.8	11423.2	11129.4	10787.1	10398.2	9953.2	9442.1
17.5°	12378.9	12292.8	12165.1	12001.0	11796.9	11557.4	11275.9	10946.0	10565.8	10133.4	9634.6
15°	12427.1	12362.0	12249.6	12096.4	11906.1	11675.7	11406.2	11086.3	10708.8	10279.9	9784.6
12.5°	12439.0	12405.3	12321.3	12180.0	11997.1	11771.1	11505.3	11190.2	10820.8	10397.5	9910.5
10°	12446.0	12429.7	12362.6	12235.5	12061.5	11844.4	11584.2	11276.7	10913.9	10495.1	10014.8
7.5°	12440.8	12437.2	12389.6	12279.8	12112.8	11902.6	11646.6	11345.0	10987.3	10571.8	10096.7
5°	12436.9	12442.8	12409.4	12312.1	12150.1	11944.8	11691.8	11394.3	11040.2	10627.0	10155.6
2.5°	12434.5	12446.2	12421.4	12331.8	12172.8	11970.3	11719.1	11424.1	11072.1	10660.4	10191.1
0°	12433.7	12447.3	12425.5	12338.4	12180.4	11978.9	11728.3	11434.1	11082.8	10671.5	10203.0
-2.5°	12434.5	12446.2	12421.4	12331.8	12172.8	11970.3	11719.1	11424.1	11072.1	10660.4	10191.1
-5°	12436.9	12442.8	12409.4	12312.1	12150.1	11944.8	11691.8	11394.3	11040.2	10627.0	10155.6
-7.5°	12440.8	12437.2	12389.6	12279.8	12112.8	11902.6	11646.6	11345.0	10987.3	10571.8	10096.7
-10°	12446.0	12429.7	12362.6	12235.5	12061.5	11844.4	11584.2	11276.7	10913.9	10495.1	10014.8
-12.5°	12439.0	12405.3	12321.3	12180.0	11997.1	11771.1	11505.3	11190.2	10820.8	10397.5	9910.5
-15°	12427.1	12362.0	12249.6	12096.4	11906.1	11675.7	11406.2	11086.3	10708.8	10279.9	9784.6
-17.5°	12378.9	12292.8	12165.1	12001.0	11796.9	11557.4	11275.9	10946.0	10565.8	10133.4	9634.6
-20°	12307.4	12195.9	12050.8	11874.8	11665.8	11423.2	11129.4	10787.1	10398.2	9953.2	9442.1

Classified

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

Scaled Data Report



REPORT NUMBER: P645530 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5D-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12195.9	12067.6	11914.6	11731.7	11509.4	11249.5	10948.3	10603.2	10212.5	9752.9	9227.8
-25°	12050.8	11914.6	11750.8	11552.3	11323.1	11058.3	10743.3	10385.5	9978.4	9514.4	8989.6
-27.5°	11874.8	11731.7	11552.3	11347.9	11109.5	10823.8	10503.2	10143.2	9724.5	9241.0	8713.1
-30°	11665.8	11509.4	11323.1	11109.5	10850.9	10562.8	10238.0	9854.0	9421.9	8941.6	8416.8
-32.5°	11423.2	11249.5	11058.3	10823.8	10562.8	10267.0	9919.5	9532.0	9091.1	8604.8	8075.9
-35°	11129.4	10948.3	10743.3	10503.2	10238.0	9919.5	9569.0	9163.1	8719.1	8240.2	7708.2
-37.5°	10787.1	10603.2	10385.5	10143.2	9854.0	9532.0	9163.1	8757.4	8323.2	7829.7	7294.2
-40°	10398.2	10212.5	9978.4	9724.5	9421.9	9091.1	8719.1	8323.2	7870.5	7382.7	6849.2
-42.5°	9953.2	9752.9	9514.4	9241.0	8941.6	8604.8	8240.2	7829.7	7382.7	6892.8	6340.5
-45°	9442.1	9227.8	8989.6	8713.1	8416.8	8075.9	7708.2	7294.2	6849.2	6340.5	5801.5
-47.5°	8867.4	8651.9	8415.3	8138.4	7833.1	7499.4	7118.9	6715.4	6243.9	5751.6	5221.0
-50°	8242.0	8021.7	7779.3	7508.1	7194.2	6859.4	6473.3	6052.1	5602.7	5122.8	4630.9
-52.5°	7552.4	7327.6	7080.0	6810.4	6490.2	6139.7	5766.6	5357.0	4927.8	4490.3	4039.6
-55°	6787.8	6559.6	6302.4	6022.1	5715.8	5377.4	5018.0	4644.0	4258.1	3855.1	3493.4
-57.5°	5924.5	5707.2	5460.8	5192.0	4901.6	4597.1	4276.3	3937.4	3618.4	3297.8	2976.9
-60°	5018.0	4815.0	4597.1	4359.3	4102.0	3829.3	3576.4	3308.9	3027.6	2798.3	2561.0
-62.5°	4123.8	3945.5	3762.2	3576.4	3375.3	3159.5	2950.2	2761.9	2563.6	2359.9	2179.1
-65°	3318.3	3180.4	3027.6	2896.7	2756.6	2606.1	2445.6	2292.9	2143.4	1986.5	1827.7
-67.5°	2656.0	2561.0	2455.6	2347.0	2242.7	2130.6	2010.9	1883.9	1770.2	1658.9	1542.7
-70°	2113.0	2043.2	1965.8	1881.0	1801.0	1722.7	1639.0	1550.2	1456.4	1373.8	1295.4
-72.5°	1663.2	1615.3	1562.1	1503.8	1440.5	1384.8	1329.4	1270.5	1208.3	1142.8	1077.8
-75°	1305.7	1274.7	1240.2	1202.4	1161.3	1117.0	1073.7	1029.3	982.5	933.2	881.6
-77.5°	1016.4	993.7	968.5	940.9	910.9	878.5	843.9	806.4	765.6	722.7	677.7
-80°	747.5	728.6	707.6	684.5	659.4	632.4	603.5	572.7	540.1	507.4	474.8
-82.5°	473.9	461.1	446.8	431.1	414.1	395.7	376.1	355.1	333.0	309.7	285.2
-85°	230.9	225.0	218.5	211.4	203.6	195.2	186.2	176.6	166.5	155.8	144.6
-87.5°	64.0	62.9	61.7	60.4	59.0	57.4	55.8	54.0	52.2	50.2	48.1
-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: P645530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-735-U-LAM-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°	46.0	43.8	41.4	39.1	36.6	34.0	31.4	28.8	26.1	23.3	20.5
85°	133.0	120.8	108.2	95.2	81.7	68.0	62.8	57.5	52.1	46.5	40.9
82.5°	259.7	239.4	220.5	201.0	180.8	160.1	138.9	117.2	95.0	72.4	61.3
80°	440.7	405.3	368.5	330.6	291.4	251.9	223.6	194.7	165.2	135.1	104.6
77.5°	630.8	582.0	531.5	483.2	434.3	384.1	332.7	280.1	234.9	197.4	159.3
75°	827.8	769.5	708.8	646.1	581.6	516.0	454.4	391.4	327.1	261.8	213.6
72.5°	1014.9	949.5	881.9	811.7	736.5	659.2	580.1	501.5	426.8	350.7	273.6
70°	1213.6	1128.8	1048.4	968.6	886.6	801.6	711.4	619.3	525.5	438.6	350.7
67.5°	1422.4	1326.8	1228.0	1126.2	1031.2	936.6	839.9	737.6	632.3	525.5	426.8
65°	1693.0	1553.3	1412.7	1299.6	1183.4	1069.0	961.8	852.5	737.6	619.3	501.5
62.5°	1991.2	1807.2	1648.4	1484.9	1342.9	1212.2	1081.6	961.8	839.9	711.4	580.1
60°	2325.5	2113.0	1893.9	1705.8	1523.1	1357.3	1212.2	1069.0	936.6	801.6	659.2
57.5°	2709.3	2432.8	2186.6	1942.7	1725.0	1523.1	1342.9	1183.4	1031.2	886.6	736.5
55°	3119.7	2799.1	2492.3	2211.3	1942.7	1705.8	1484.9	1299.6	1126.2	968.6	811.7
52.5°	3611.7	3198.0	2829.1	2492.3	2186.6	1893.9	1648.4	1412.7	1228.0	1048.4	881.9
50°	4132.5	3651.4	3198.0	2799.1	2432.8	2113.0	1807.2	1553.3	1326.8	1128.8	949.5
47.5°	4678.0	4132.5	3611.7	3119.7	2709.3	2325.5	1991.2	1693.0	1422.4	1213.6	1014.9
45°	5221.0	4630.9	4039.6	3493.4	2976.9	2561.0	2179.1	1827.7	1542.7	1295.4	1077.8
42.5°	5751.6	5122.8	4490.3	3855.1	3297.8	2798.3	2359.9	1986.5	1658.9	1373.8	1142.8
40°	6243.9	5602.7	4927.8	4258.1	3618.4	3027.6	2563.6	2143.4	1770.2	1456.4	1208.3
37.5°	6715.4	6052.1	5357.0	4644.0	3937.4	3308.9	2761.9	2292.9	1883.9	1550.2	1270.5
35°	7118.9	6473.3	5766.6	5018.0	4276.3	3576.4	2950.2	2445.6	2010.9	1639.0	1329.4
32.5°	7499.4	6859.4	6139.7	5377.4	4597.1	3829.3	3159.5	2606.1	2130.6	1722.7	1384.8
30°	7833.1	7194.2	6490.2	5715.8	4901.6	4102.0	3375.3	2756.6	2242.7	1801.0	1440.5
27.5°	8138.4	7508.1	6810.4	6022.1	5192.0	4359.3	3576.4	2896.7	2347.0	1881.0	1503.8
25°	8415.3	7779.3	7080.0	6302.4	5460.8	4597.1	3762.2	3027.6	2455.6	1965.8	1562.1
22.5°	8651.9	8021.7	7327.6	6559.6	5707.2	4815.0	3945.5	3180.4	2561.0	2043.2	1615.3
20°	8867.4	8242.0	7552.4	6787.8	5924.5	5018.0	4123.8	3318.3	2656.0	2113.0	1663.2
17.5°	9058.0	8430.0	7737.1	6971.9	6114.6	5198.9	4282.4	3441.1	2740.5	2175.0	1705.8
15°	9214.2	8586.3	7896.1	7133.2	6280.9	5357.0	4421.0	3548.2	2814.1	2229.1	1742.9
12.5°	9348.1	8720.0	8031.9	7270.9	6422.8	5491.8	4539.0	3639.4	2876.9	2275.1	1774.5
10°	9458.8	8830.4	8144.0	7384.4	6539.7	5602.7	4636.2	3714.4	2928.4	2312.9	1800.4
7.5°	9545.7	8917.0	8231.8	7473.3	6631.1	5689.4	4712.1	3773.0	2968.7	2342.4	1820.6
5°	9608.1	8979.1	8294.8	7537.0	6696.7	5751.6	4766.5	3814.9	2997.5	2363.6	1835.1
2.5°	9645.7	9016.6	8332.7	7575.4	6736.1	5789.0	4799.2	3840.2	3014.8	2376.3	1843.8
0°	9658.3	9029.1	8345.4	7588.2	6749.3	5801.5	4810.1	3848.6	3020.6	2380.5	1846.7
-2.5°	9645.7	9016.6	8332.7	7575.4	6736.1	5789.0	4799.2	3840.2	3014.8	2376.3	1843.8
-5°	9608.1	8979.1	8294.8	7537.0	6696.7	5751.6	4766.5	3814.9	2997.5	2363.6	1835.1
-7.5°	9545.7	8917.0	8231.8	7473.3	6631.1	5689.4	4712.1	3773.0	2968.7	2342.4	1820.6
-10°	9458.8	8830.4	8144.0	7384.4	6539.7	5602.7	4636.2	3714.4	2928.4	2312.9	1800.4
-12.5°	9348.1	8720.0	8031.9	7270.9	6422.8	5491.8	4539.0	3639.4	2876.9	2275.1	1774.5
-15°	9214.2	8586.3	7896.1	7133.2	6280.9	5357.0	4421.0	3548.2	2814.1	2229.1	1742.9
-17.5°	9058.0	8430.0	7737.1	6971.9	6114.6	5198.9	4282.4	3441.1	2740.5	2175.0	1705.8
-20°	8867.4	8242.0	7552.4	6787.8	5924.5	5018.0	4123.8	3318.3	2656.0	2113.0	1663.2

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

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REPORT NUMBER: P645530 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5D-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	8651.9	8021.7	7327.6	6559.6	5707.2	4815.0	3945.5	3180.4	2561.0	2043.2	1615.3
-25°	8415.3	7779.3	7080.0	6302.4	5460.8	4597.1	3762.2	3027.6	2455.6	1965.8	1562.1
-27.5°	8138.4	7508.1	6810.4	6022.1	5192.0	4359.3	3576.4	2896.7	2347.0	1881.0	1503.8
-30°	7833.1	7194.2	6490.2	5715.8	4901.6	4102.0	3375.3	2756.6	2242.7	1801.0	1440.5
-32.5°	7499.4	6859.4	6139.7	5377.4	4597.1	3829.3	3159.5	2606.1	2130.6	1722.7	1384.8
-35°	7118.9	6473.3	5766.6	5018.0	4276.3	3576.4	2950.2	2445.6	2010.9	1639.0	1329.4
-37.5°	6715.4	6052.1	5357.0	4644.0	3937.4	3308.9	2761.9	2292.9	1883.9	1550.2	1270.5
-40°	6243.9	5602.7	4927.8	4258.1	3618.4	3027.6	2563.6	2143.4	1770.2	1456.4	1208.3
-42.5°	5751.6	5122.8	4490.3	3855.1	3297.8	2798.3	2359.9	1986.5	1658.9	1373.8	1142.8
-45°	5221.0	4630.9	4039.6	3493.4	2976.9	2561.0	2179.1	1827.7	1542.7	1295.4	1077.8
-47.5°	4678.0	4132.5	3611.7	3119.7	2709.3	2325.5	1991.2	1693.0	1422.4	1213.6	1014.9
-50°	4132.5	3651.4	3198.0	2799.1	2432.8	2113.0	1807.2	1553.3	1326.8	1128.8	949.5
-52.5°	3611.7	3198.0	2829.1	2492.3	2186.6	1893.9	1648.4	1412.7	1228.0	1048.4	881.9
-55°	3119.7	2799.1	2492.3	2211.3	1942.7	1705.8	1484.9	1299.6	1126.2	968.6	811.7
-57.5°	2709.3	2432.8	2186.6	1942.7	1725.0	1523.1	1342.9	1183.4	1031.2	886.6	736.5
-60°	2325.5	2113.0	1893.9	1705.8	1523.1	1357.3	1212.2	1069.0	936.6	801.6	659.2
-62.5°	1991.2	1807.2	1648.4	1484.9	1342.9	1212.2	1081.6	961.8	839.9	711.4	580.1
-65°	1693.0	1553.3	1412.7	1299.6	1183.4	1069.0	961.8	852.5	737.6	619.3	501.5
-67.5°	1422.4	1326.8	1228.0	1126.2	1031.2	936.6	839.9	737.6	632.3	525.5	426.8
-70°	1213.6	1128.8	1048.4	968.6	886.6	801.6	711.4	619.3	525.5	438.6	350.7
-72.5°	1014.9	949.5	881.9	811.7	736.5	659.2	580.1	501.5	426.8	350.7	273.6
-75°	827.8	769.5	708.8	646.1	581.6	516.0	454.4	391.4	327.1	261.8	213.6
-77.5°	630.8	582.0	531.5	483.2	434.3	384.1	332.7	280.1	234.9	197.4	159.3
-80°	440.7	405.3	368.5	330.6	291.4	251.9	223.6	194.7	165.2	135.1	104.6
-82.5°	259.7	239.4	220.5	201.0	180.8	160.1	138.9	117.2	95.0	72.4	61.3
-85°	133.0	120.8	108.2	95.2	81.7	68.0	62.8	57.5	52.1	46.5	40.9
-87.5°	46.0	43.8	41.4	39.1	36.6	34.0	31.4	28.8	26.1	23.3	20.5
-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: P645530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-735-U-LAM-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°	17.6	14.7	11.8	8.9	5.9	3.0	0.0
85°	35.2	29.4	23.6	17.8	11.9	5.9	0.0
82.5°	52.7	44.1	35.4	26.6	17.8	8.9	0.0
80°	73.7	58.7	47.1	35.4	23.6	11.8	0.0
77.5°	120.8	81.8	58.7	44.1	29.4	14.7	0.0
75°	167.4	120.8	73.7	52.7	35.2	17.6	0.0
72.5°	213.6	159.3	104.6	61.3	40.9	20.5	0.0
70°	261.8	197.4	135.1	72.4	46.5	23.3	0.0
67.5°	327.1	234.9	165.2	95.0	52.1	26.1	0.0
65°	391.4	280.1	194.7	117.2	57.5	28.8	0.0
62.5°	454.4	332.7	223.6	138.9	62.8	31.4	0.0
60°	516.0	384.1	251.9	160.1	68.0	34.0	0.0
57.5°	581.6	434.3	291.4	180.8	81.7	36.6	0.0
55°	646.1	483.2	330.6	201.0	95.2	39.1	0.0
52.5°	708.8	531.5	368.5	220.5	108.2	41.4	0.0
50°	769.5	582.0	405.3	239.4	120.8	43.8	0.0
47.5°	827.8	630.8	440.7	259.7	133.0	46.0	0.0
45°	881.6	677.7	474.8	285.2	144.6	48.1	0.0
42.5°	933.2	722.7	507.4	309.7	155.8	50.2	0.0
40°	982.5	765.6	540.1	333.0	166.5	52.2	0.0
37.5°	1029.3	806.4	572.7	355.1	176.6	54.0	0.0
35°	1073.7	843.9	603.5	376.1	186.2	55.8	0.0
32.5°	1117.0	878.5	632.4	395.7	195.2	57.4	0.0
30°	1161.3	910.9	659.4	414.1	203.6	59.0	0.0
27.5°	1202.4	940.9	684.5	431.1	211.4	60.4	0.0
25°	1240.2	968.5	707.6	446.8	218.5	61.7	0.0
22.5°	1274.7	993.7	728.6	461.1	225.0	62.9	0.0
20°	1305.7	1016.4	747.5	473.9	230.9	64.0	0.0
17.5°	1333.3	1036.6	764.3	485.4	236.1	64.9	0.0
15°	1357.3	1054.1	779.0	495.3	240.6	65.8	0.0
12.5°	1377.8	1069.0	791.4	503.7	244.5	66.5	0.0
10°	1394.5	1081.2	801.6	510.6	247.7	67.1	0.0
7.5°	1407.6	1090.8	809.5	516.0	250.1	67.5	0.0
5°	1417.0	1097.6	815.2	519.9	251.9	67.8	0.0
2.5°	1422.6	1101.7	818.7	522.2	252.9	68.0	0.0
0°	1424.5	1103.1	819.8	523.0	253.3	68.1	0.0
-2.5°	1422.6	1101.7	818.7	522.2	252.9	68.0	0.0
-5°	1417.0	1097.6	815.2	519.9	251.9	67.8	0.0
-7.5°	1407.6	1090.8	809.5	516.0	250.1	67.5	0.0
-10°	1394.5	1081.2	801.6	510.6	247.7	67.1	0.0
-12.5°	1377.8	1069.0	791.4	503.7	244.5	66.5	0.0
-15°	1357.3	1054.1	779.0	495.3	240.6	65.8	0.0
-17.5°	1333.3	1036.6	764.3	485.4	236.1	64.9	0.0
-20°	1305.7	1016.4	747.5	473.9	230.9	64.0	0.0

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REPORT NUMBER: P645530 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5D-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1274.7	993.7	728.6	461.1	225.0	62.9	0.0
-25°	1240.2	968.5	707.6	446.8	218.5	61.7	0.0
-27.5°	1202.4	940.9	684.5	431.1	211.4	60.4	0.0
-30°	1161.3	910.9	659.4	414.1	203.6	59.0	0.0
-32.5°	1117.0	878.5	632.4	395.7	195.2	57.4	0.0
-35°	1073.7	843.9	603.5	376.1	186.2	55.8	0.0
-37.5°	1029.3	806.4	572.7	355.1	176.6	54.0	0.0
-40°	982.5	765.6	540.1	333.0	166.5	52.2	0.0
-42.5°	933.2	722.7	507.4	309.7	155.8	50.2	0.0
-45°	881.6	677.7	474.8	285.2	144.6	48.1	0.0
-47.5°	827.8	630.8	440.7	259.7	133.0	46.0	0.0
-50°	769.5	582.0	405.3	239.4	120.8	43.8	0.0
-52.5°	708.8	531.5	368.5	220.5	108.2	41.4	0.0
-55°	646.1	483.2	330.6	201.0	95.2	39.1	0.0
-57.5°	581.6	434.3	291.4	180.8	81.7	36.6	0.0
-60°	516.0	384.1	251.9	160.1	68.0	34.0	0.0
-62.5°	454.4	332.7	223.6	138.9	62.8	31.4	0.0
-65°	391.4	280.1	194.7	117.2	57.5	28.8	0.0
-67.5°	327.1	234.9	165.2	95.0	52.1	26.1	0.0
-70°	261.8	197.4	135.1	72.4	46.5	23.3	0.0
-72.5°	213.6	159.3	104.6	61.3	40.9	20.5	0.0
-75°	167.4	120.8	73.7	52.7	35.2	17.6	0.0
-77.5°	120.8	81.8	58.7	44.1	29.4	14.7	0.0
-80°	73.7	58.7	47.1	35.4	23.6	11.8	0.0
-82.5°	52.7	44.1	35.4	26.6	17.8	8.9	0.0
-85°	35.2	29.4	23.6	17.8	11.9	5.9	0.0
-87.5°	17.6	14.7	11.8	8.9	5.9	3.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)