

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: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2C-735-U-LAM-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645374 (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-SA2C-735-U-LAM-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

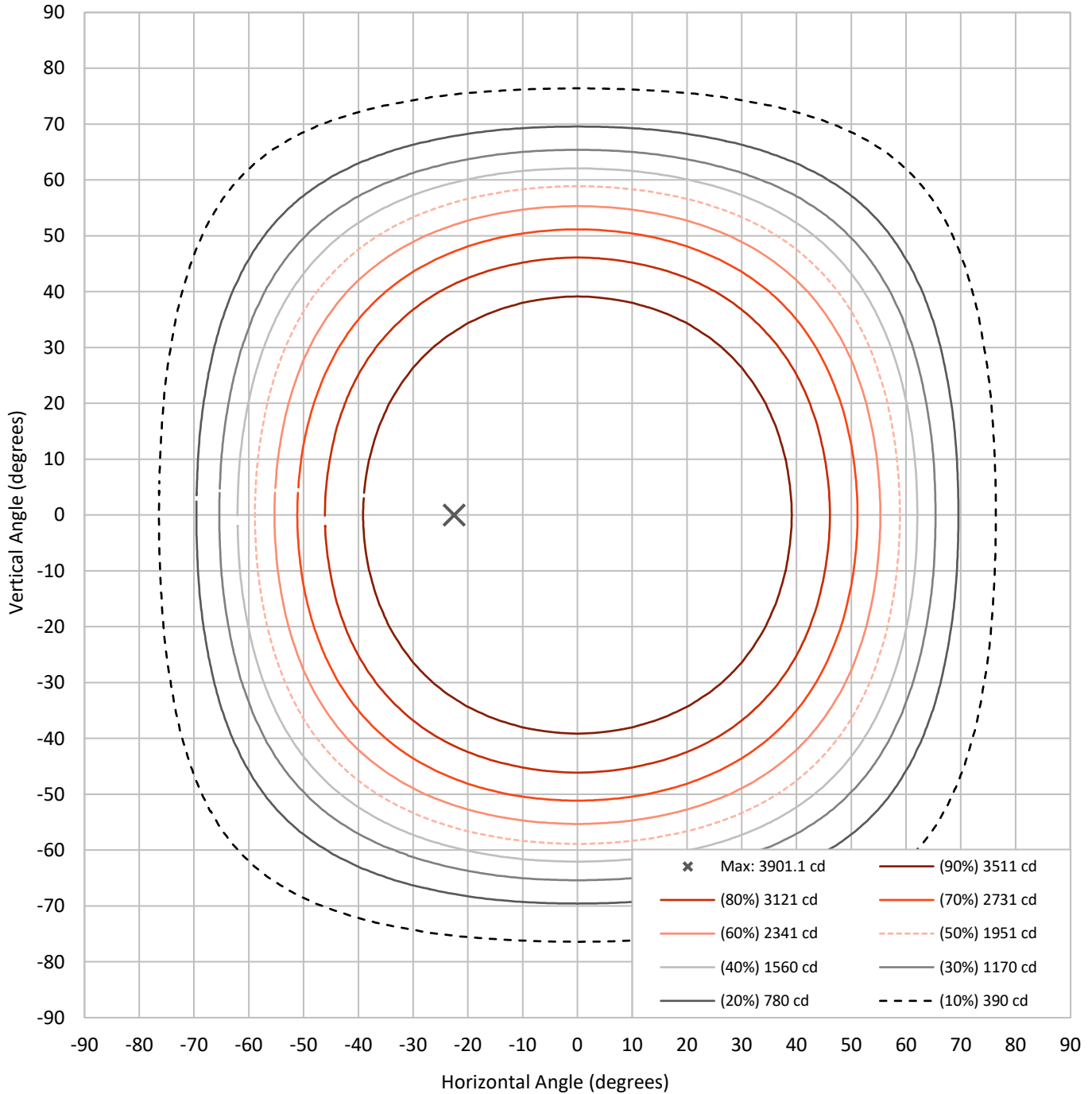
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	11933.8 lumens	Max Intensity:	3901.1 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	144.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	9931.5 lumens	Field Lumens:	11699.1 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	82.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-735-U-LAM-XX

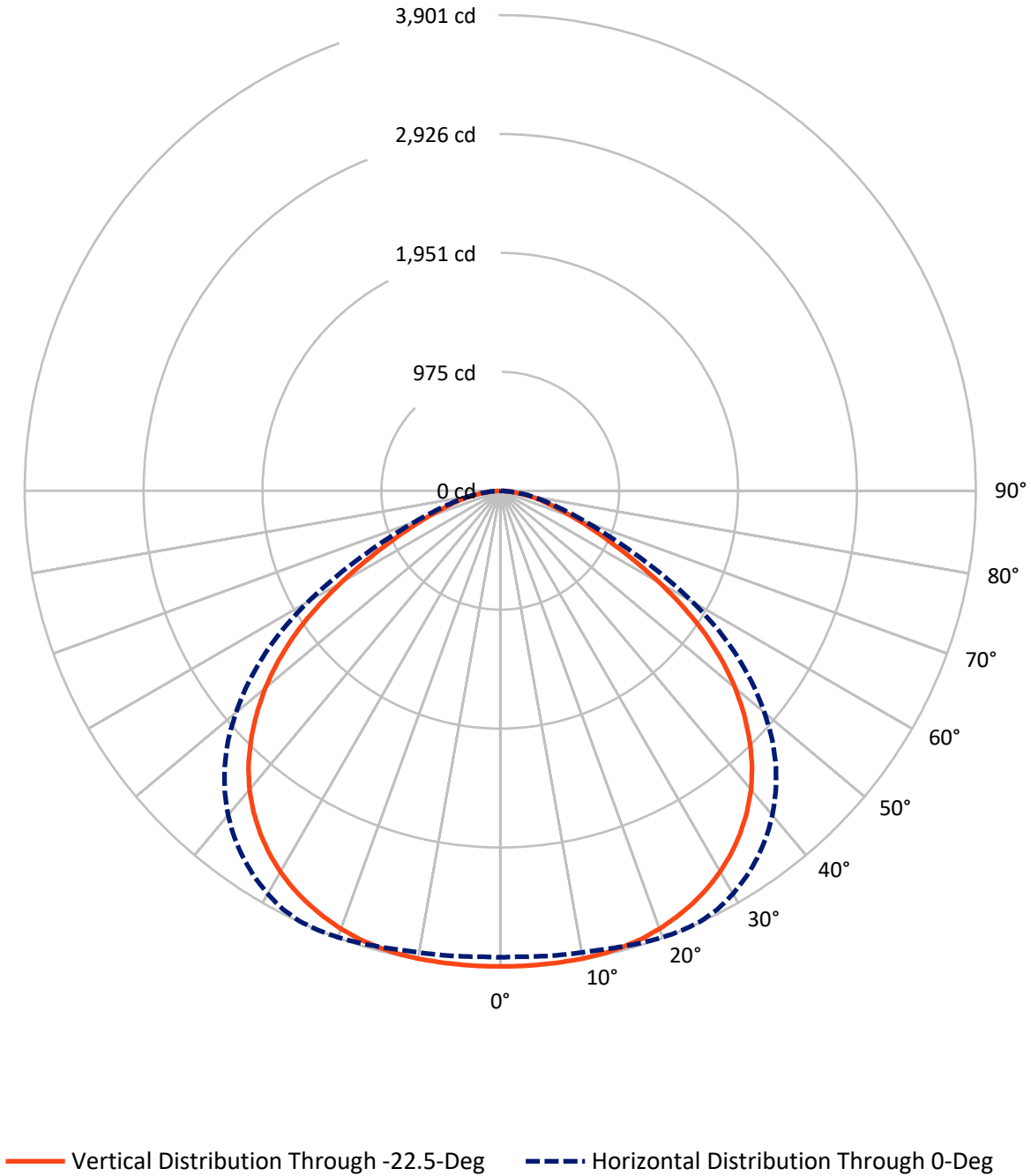
### Iso-Candela Plot





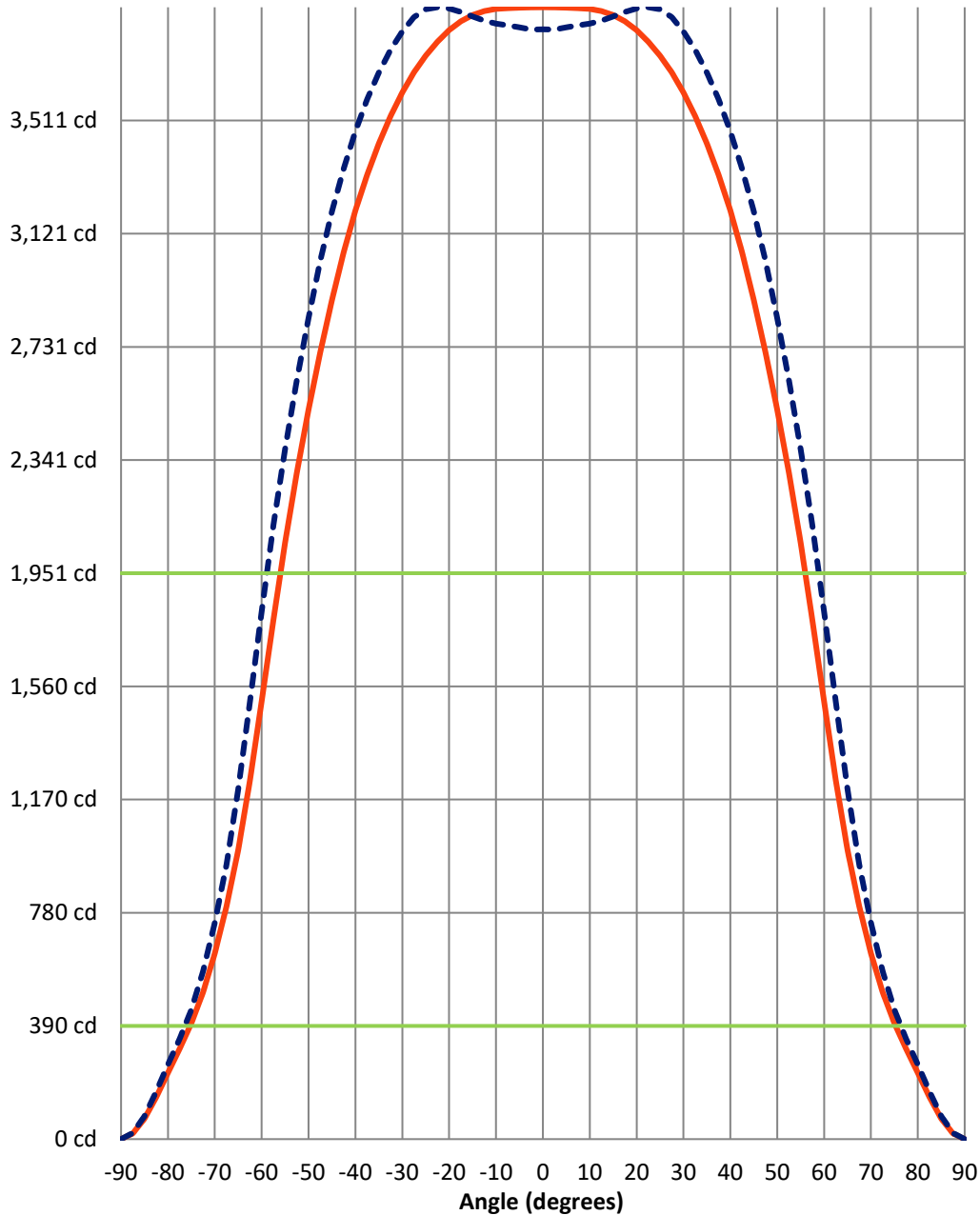
REPORT NUMBER: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-735-U-LAM-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-U-LAM-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 117.8°  
 V Angle: 112°  
 Lumens: 9931.5  
 Efficiency: 83.2%

**Field:**  
 H Angle: 152.8°  
 V Angle: 150.5°  
 Lumens: 11699.1  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 234.7  
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg  
 - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-U-LAM-XX

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.4	7.3	8.1	9.0
85°	0.0	1.9	3.7	5.6	7.4	9.2	11.0	12.8	14.6	16.3	18.0
82.5°	0.0	2.8	5.6	8.3	11.1	13.8	16.5	19.2	22.7	29.7	36.7
80°	0.0	3.7	7.4	11.1	14.7	18.4	23.1	32.8	42.3	51.8	61.0
77.5°	0.0	4.6	9.2	13.8	18.4	25.6	37.8	49.9	61.9	73.6	87.8
75°	0.0	5.5	11.0	16.5	23.1	37.8	52.5	66.9	82.1	102.5	122.7
72.5°	0.0	6.4	12.8	19.2	32.8	49.9	66.9	85.8	109.9	133.7	157.2
70°	0.0	7.3	14.6	22.7	42.3	61.9	82.1	109.9	137.5	164.7	194.1
67.5°	0.0	8.1	16.3	29.7	51.8	73.6	102.5	133.7	164.7	198.2	231.1
65°	0.0	9.0	18.0	36.7	61.0	87.8	122.7	157.2	194.1	231.1	267.2
62.5°	0.0	9.8	19.7	43.5	70.1	104.3	142.4	181.8	222.9	263.2	301.4
60°	0.0	10.6	21.3	50.2	79.0	120.4	161.7	206.6	251.2	293.5	335.0
57.5°	0.0	11.4	25.6	56.7	91.3	136.1	182.3	230.8	277.8	323.2	370.9
55°	0.0	12.2	29.8	63.0	103.6	151.4	202.5	254.4	303.6	352.9	407.3
52.5°	0.0	13.0	33.9	69.1	115.5	166.6	222.1	276.4	328.6	384.9	442.8
50°	0.0	13.7	37.8	75.0	127.0	182.4	241.1	297.6	353.8	415.9	486.9
47.5°	0.0	14.4	41.6	81.4	138.1	197.7	259.4	318.0	380.4	445.8	530.6
45°	0.0	15.1	45.3	89.4	148.8	212.4	276.3	337.8	406.0	483.5	572.9
42.5°	0.0	15.7	48.8	97.1	159.0	226.5	292.4	358.2	430.6	520.0	622.6
40°	0.0	16.3	52.2	104.4	169.3	239.9	307.9	378.7	456.5	554.8	671.8
37.5°	0.0	16.9	55.3	111.3	179.5	252.7	322.6	398.2	485.9	590.5	718.7
35°	0.0	17.4	58.3	117.9	189.1	264.4	336.5	416.7	513.7	630.3	766.5
32.5°	0.0	18.0	61.2	124.0	198.2	275.3	350.1	434.1	539.9	667.8	816.8
30°	0.0	18.4	63.8	129.8	206.6	285.4	363.9	451.5	564.5	702.9	864.0
27.5°	0.0	18.9	66.2	135.1	214.5	294.9	376.8	471.4	589.5	735.6	907.9
25°	0.0	19.3	68.5	140.0	221.7	303.5	388.7	489.6	616.1	769.6	948.9
22.5°	0.0	19.7	70.5	144.5	228.3	311.4	399.5	506.3	640.4	802.7	996.8
20°	0.0	20.0	72.4	148.5	234.3	318.5	409.2	521.3	662.3	832.4	1040.0
17.5°	0.0	20.3	74.0	152.1	239.5	324.8	417.9	534.7	681.7	858.9	1078.5
15°	0.0	20.6	75.4	155.2	244.1	330.3	425.4	546.3	698.7	882.0	1112.0
12.5°	0.0	20.8	76.6	157.9	248.0	335.0	431.8	556.2	713.1	901.7	1140.6
10°	0.0	21.0	77.6	160.0	251.2	338.8	437.1	564.3	724.9	917.8	1164.1
7.5°	0.0	21.1	78.4	161.7	253.7	341.8	441.2	570.6	734.2	930.4	1182.5
5°	0.0	21.2	79.0	162.9	255.5	344.0	444.1	575.2	740.8	939.5	1195.7
2.5°	0.0	21.3	79.3	163.7	256.5	345.3	445.9	577.9	744.8	944.9	1203.6
0°	0.0	21.3	79.4	163.9	256.9	345.7	446.5	578.8	746.1	946.7	1206.2
-2.5°	0.0	21.3	79.3	163.7	256.5	345.3	445.9	577.9	744.8	944.9	1203.6
-5°	0.0	21.2	79.0	162.9	255.5	344.0	444.1	575.2	740.8	939.5	1195.7
-7.5°	0.0	21.1	78.4	161.7	253.7	341.8	441.2	570.6	734.2	930.4	1182.5
-10°	0.0	21.0	77.6	160.0	251.2	338.8	437.1	564.3	724.9	917.8	1164.1
-12.5°	0.0	20.8	76.6	157.9	248.0	335.0	431.8	556.2	713.1	901.7	1140.6
-15°	0.0	20.6	75.4	155.2	244.1	330.3	425.4	546.3	698.7	882.0	1112.0
-17.5°	0.0	20.3	74.0	152.1	239.5	324.8	417.9	534.7	681.7	858.9	1078.5
-20°	0.0	20.0	72.4	148.5	234.3	318.5	409.2	521.3	662.3	832.4	1040.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-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	19.7	70.5	144.5	228.3	311.4	399.5	506.3	640.4	802.7	996.8
-25°	0.0	19.3	68.5	140.0	221.7	303.5	388.7	489.6	616.1	769.6	948.9
-27.5°	0.0	18.9	66.2	135.1	214.5	294.9	376.8	471.4	589.5	735.6	907.9
-30°	0.0	18.4	63.8	129.8	206.6	285.4	363.9	451.5	564.5	702.9	864.0
-32.5°	0.0	18.0	61.2	124.0	198.2	275.3	350.1	434.1	539.9	667.8	816.8
-35°	0.0	17.4	58.3	117.9	189.1	264.4	336.5	416.7	513.7	630.3	766.5
-37.5°	0.0	16.9	55.3	111.3	179.5	252.7	322.6	398.2	485.9	590.5	718.7
-40°	0.0	16.3	52.2	104.4	169.3	239.9	307.9	378.7	456.5	554.8	671.8
-42.5°	0.0	15.7	48.8	97.1	159.0	226.5	292.4	358.2	430.6	520.0	622.6
-45°	0.0	15.1	45.3	89.4	148.8	212.4	276.3	337.8	406.0	483.5	572.9
-47.5°	0.0	14.4	41.6	81.4	138.1	197.7	259.4	318.0	380.4	445.8	530.6
-50°	0.0	13.7	37.8	75.0	127.0	182.4	241.1	297.6	353.8	415.9	486.9
-52.5°	0.0	13.0	33.9	69.1	115.5	166.6	222.1	276.4	328.6	384.9	442.8
-55°	0.0	12.2	29.8	63.0	103.6	151.4	202.5	254.4	303.6	352.9	407.3
-57.5°	0.0	11.4	25.6	56.7	91.3	136.1	182.3	230.8	277.8	323.2	370.9
-60°	0.0	10.6	21.3	50.2	79.0	120.4	161.7	206.6	251.2	293.5	335.0
-62.5°	0.0	9.8	19.7	43.5	70.1	104.3	142.4	181.8	222.9	263.2	301.4
-65°	0.0	9.0	18.0	36.7	61.0	87.8	122.7	157.2	194.1	231.1	267.2
-67.5°	0.0	8.1	16.3	29.7	51.8	73.6	102.5	133.7	164.7	198.2	231.1
-70°	0.0	7.3	14.6	22.7	42.3	61.9	82.1	109.9	137.5	164.7	194.1
-72.5°	0.0	6.4	12.8	19.2	32.8	49.9	66.9	85.8	109.9	133.7	157.2
-75°	0.0	5.5	11.0	16.5	23.1	37.8	52.5	66.9	82.1	102.5	122.7
-77.5°	0.0	4.6	9.2	13.8	18.4	25.6	37.8	49.9	61.9	73.6	87.8
-80°	0.0	3.7	7.4	11.1	14.7	18.4	23.1	32.8	42.3	51.8	61.0
-82.5°	0.0	2.8	5.6	8.3	11.1	13.8	16.5	19.2	22.7	29.7	36.7
-85°	0.0	1.9	3.7	5.6	7.4	9.2	11.0	12.8	14.6	16.3	18.0
-87.5°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.4	7.3	8.1	9.0
-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: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.8	10.6	11.4	12.2	13.0	13.7	14.4	15.1	15.7	16.3	16.9
85°	19.7	21.3	25.6	29.8	33.9	37.8	41.6	45.3	48.8	52.2	55.3
82.5°	43.5	50.2	56.7	63.0	69.1	75.0	81.4	89.4	97.1	104.4	111.3
80°	70.1	79.0	91.3	103.6	115.5	127.0	138.1	148.8	159.0	169.3	179.5
77.5°	104.3	120.4	136.1	151.4	166.6	182.4	197.7	212.4	226.5	239.9	252.7
75°	142.4	161.7	182.3	202.5	222.1	241.1	259.4	276.3	292.4	307.9	322.6
72.5°	181.8	206.6	230.8	254.4	276.4	297.6	318.0	337.8	358.2	378.7	398.2
70°	222.9	251.2	277.8	303.6	328.6	353.8	380.4	406.0	430.6	456.5	485.9
67.5°	263.2	293.5	323.2	352.9	384.9	415.9	445.8	483.5	520.0	554.8	590.5
65°	301.4	335.0	370.9	407.3	442.8	486.9	530.6	572.9	622.6	671.8	718.7
62.5°	339.0	379.9	420.9	465.4	516.6	566.4	624.1	683.0	739.6	803.5	865.6
60°	379.9	425.4	477.4	534.7	593.6	662.3	728.9	802.7	877.0	948.9	1037.1
57.5°	420.9	477.4	540.7	608.9	685.3	762.5	849.1	933.0	1033.6	1134.1	1234.0
55°	465.4	534.7	608.9	693.1	781.1	877.3	977.8	1094.9	1208.2	1334.5	1455.4
52.5°	516.6	593.6	685.3	781.1	886.7	1002.3	1132.0	1266.1	1407.3	1544.4	1678.9
50°	566.4	662.3	762.5	877.3	1002.3	1144.4	1295.2	1451.3	1605.5	1755.9	1896.8
47.5°	624.1	728.9	849.1	977.8	1132.0	1295.2	1466.1	1636.3	1802.6	1956.9	2104.7
45°	683.0	802.7	933.0	1094.9	1266.1	1451.3	1636.3	1818.2	1987.2	2146.6	2286.1
42.5°	739.6	877.0	1033.6	1208.2	1407.3	1605.5	1802.6	1987.2	2160.3	2313.8	2453.9
40°	803.5	948.9	1134.1	1334.5	1544.4	1755.9	1956.9	2146.6	2313.8	2466.7	2608.5
37.5°	865.6	1037.1	1234.0	1455.4	1678.9	1896.8	2104.7	2286.1	2453.9	2608.5	2744.6
35°	924.6	1120.9	1340.2	1572.7	1807.3	2028.8	2231.1	2415.8	2582.5	2732.6	2871.8
32.5°	990.2	1200.1	1440.8	1685.3	1924.2	2149.8	2350.4	2531.0	2696.8	2849.2	2987.4
30°	1057.9	1285.6	1536.2	1791.4	2034.1	2254.7	2454.9	2637.9	2802.4	2952.9	3088.3
27.5°	1120.9	1366.2	1627.2	1887.3	2134.5	2353.1	2550.6	2730.8	2896.2	3047.7	3179.0
25°	1179.1	1440.8	1711.4	1975.2	2218.9	2438.1	2637.4	2817.4	2981.9	3127.3	3254.9
22.5°	1236.6	1509.0	1788.6	2055.9	2296.5	2514.1	2711.6	2892.1	3056.6	3200.7	3323.2
20°	1292.4	1572.7	1856.8	2127.4	2367.0	2583.1	2779.1	2959.3	3119.4	3258.9	3380.8
17.5°	1342.1	1629.3	1916.4	2185.1	2424.9	2642.0	2838.9	3019.6	3175.9	3311.5	3430.6
15°	1385.6	1678.9	1968.5	2235.6	2474.7	2691.0	2887.8	3066.6	3221.8	3356.3	3474.6
12.5°	1422.6	1721.1	2013.0	2278.8	2517.3	2732.9	2929.8	3106.0	3258.7	3391.4	3507.1
10°	1453.0	1755.9	2049.6	2314.3	2552.4	2767.5	2964.5	3138.7	3289.3	3420.6	3534.3
7.5°	1476.8	1783.1	2078.3	2342.2	2579.9	2794.6	2991.7	3164.4	3313.3	3443.6	3555.7
5°	1493.8	1802.6	2098.8	2362.2	2599.6	2814.1	3011.3	3182.8	3330.7	3460.1	3571.1
2.5°	1504.1	1814.3	2111.2	2374.2	2611.5	2825.9	3023.1	3194.0	3341.1	3470.2	3580.5
0°	1507.5	1818.2	2115.3	2378.2	2615.5	2829.8	3027.0	3197.7	3344.6	3473.5	3583.6
-2.5°	1504.1	1814.3	2111.2	2374.2	2611.5	2825.9	3023.1	3194.0	3341.1	3470.2	3580.5
-5°	1493.8	1802.6	2098.8	2362.2	2599.6	2814.1	3011.3	3182.8	3330.7	3460.1	3571.1
-7.5°	1476.8	1783.1	2078.3	2342.2	2579.9	2794.6	2991.7	3164.4	3313.3	3443.6	3555.7
-10°	1453.0	1755.9	2049.6	2314.3	2552.4	2767.5	2964.5	3138.7	3289.3	3420.6	3534.3
-12.5°	1422.6	1721.1	2013.0	2278.8	2517.3	2732.9	2929.8	3106.0	3258.7	3391.4	3507.1
-15°	1385.6	1678.9	1968.5	2235.6	2474.7	2691.0	2887.8	3066.6	3221.8	3356.3	3474.6
-17.5°	1342.1	1629.3	1916.4	2185.1	2424.9	2642.0	2838.9	3019.6	3175.9	3311.5	3430.6
-20°	1292.4	1572.7	1856.8	2127.4	2367.0	2583.1	2779.1	2959.3	3119.4	3258.9	3380.8



REPORT NUMBER: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	1236.6	1509.0	1788.6	2055.9	2296.5	2514.1	2711.6	2892.1	3056.6	3200.7	3323.2
-25°	1179.1	1440.8	1711.4	1975.2	2218.9	2438.1	2637.4	2817.4	2981.9	3127.3	3254.9
-27.5°	1120.9	1366.2	1627.2	1887.3	2134.5	2353.1	2550.6	2730.8	2896.2	3047.7	3179.0
-30°	1057.9	1285.6	1536.2	1791.4	2034.1	2254.7	2454.9	2637.9	2802.4	2952.9	3088.3
-32.5°	990.2	1200.1	1440.8	1685.3	1924.2	2149.8	2350.4	2531.0	2696.8	2849.2	2987.4
-35°	924.6	1120.9	1340.2	1572.7	1807.3	2028.8	2231.1	2415.8	2582.5	2732.6	2871.8
-37.5°	865.6	1037.1	1234.0	1455.4	1678.9	1896.8	2104.7	2286.1	2453.9	2608.5	2744.6
-40°	803.5	948.9	1134.1	1334.5	1544.4	1755.9	1956.9	2146.6	2313.8	2466.7	2608.5
-42.5°	739.6	877.0	1033.6	1208.2	1407.3	1605.5	1802.6	1987.2	2160.3	2313.8	2453.9
-45°	683.0	802.7	933.0	1094.9	1266.1	1451.3	1636.3	1818.2	1987.2	2146.6	2286.1
-47.5°	624.1	728.9	849.1	977.8	1132.0	1295.2	1466.1	1636.3	1802.6	1956.9	2104.7
-50°	566.4	662.3	762.5	877.3	1002.3	1144.4	1295.2	1451.3	1605.5	1755.9	1896.8
-52.5°	516.6	593.6	685.3	781.1	886.7	1002.3	1132.0	1266.1	1407.3	1544.4	1678.9
-55°	465.4	534.7	608.9	693.1	781.1	877.3	977.8	1094.9	1208.2	1334.5	1455.4
-57.5°	420.9	477.4	540.7	608.9	685.3	762.5	849.1	933.0	1033.6	1134.1	1234.0
-60°	379.9	425.4	477.4	534.7	593.6	662.3	728.9	802.7	877.0	948.9	1037.1
-62.5°	339.0	379.9	420.9	465.4	516.6	566.4	624.1	683.0	739.6	803.5	865.6
-65°	301.4	335.0	370.9	407.3	442.8	486.9	530.6	572.9	622.6	671.8	718.7
-67.5°	263.2	293.5	323.2	352.9	384.9	415.9	445.8	483.5	520.0	554.8	590.5
-70°	222.9	251.2	277.8	303.6	328.6	353.8	380.4	406.0	430.6	456.5	485.9
-72.5°	181.8	206.6	230.8	254.4	276.4	297.6	318.0	337.8	358.2	378.7	398.2
-75°	142.4	161.7	182.3	202.5	222.1	241.1	259.4	276.3	292.4	307.9	322.6
-77.5°	104.3	120.4	136.1	151.4	166.6	182.4	197.7	212.4	226.5	239.9	252.7
-80°	70.1	79.0	91.3	103.6	115.5	127.0	138.1	148.8	159.0	169.3	179.5
-82.5°	43.5	50.2	56.7	63.0	69.1	75.0	81.4	89.4	97.1	104.4	111.3
-85°	19.7	21.3	25.6	29.8	33.9	37.8	41.6	45.3	48.8	52.2	55.3
-87.5°	9.8	10.6	11.4	12.2	13.0	13.7	14.4	15.1	15.7	16.3	16.9
-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: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	17.4	18.0	18.4	18.9	19.3	19.7	20.0	20.3	20.6	20.8	21.0
85°	58.3	61.2	63.8	66.2	68.5	70.5	72.4	74.0	75.4	76.6	77.6
82.5°	117.9	124.0	129.8	135.1	140.0	144.5	148.5	152.1	155.2	157.9	160.0
80°	189.1	198.2	206.6	214.5	221.7	228.3	234.3	239.5	244.1	248.0	251.2
77.5°	264.4	275.3	285.4	294.9	303.5	311.4	318.5	324.8	330.3	335.0	338.8
75°	336.5	350.1	363.9	376.8	388.7	399.5	409.2	417.9	425.4	431.8	437.1
72.5°	416.7	434.1	451.5	471.4	489.6	506.3	521.3	534.7	546.3	556.2	564.3
70°	513.7	539.9	564.5	589.5	616.1	640.4	662.3	681.7	698.7	713.1	724.9
67.5°	630.3	667.8	702.9	735.6	769.6	802.7	832.4	858.9	882.0	901.7	917.8
65°	766.5	816.8	864.0	907.9	948.9	996.8	1040.0	1078.5	1112.0	1140.6	1164.1
62.5°	924.6	990.2	1057.9	1120.9	1179.1	1236.6	1292.4	1342.1	1385.6	1422.6	1453.0
60°	1120.9	1200.1	1285.6	1366.2	1440.8	1509.0	1572.7	1629.3	1678.9	1721.1	1755.9
57.5°	1340.2	1440.8	1536.2	1627.2	1711.4	1788.6	1856.8	1916.4	1968.5	2013.0	2049.6
55°	1572.7	1685.3	1791.4	1887.3	1975.2	2055.9	2127.4	2185.1	2235.6	2278.8	2314.3
52.5°	1807.3	1924.2	2034.1	2134.5	2218.9	2296.5	2367.0	2424.9	2474.7	2517.3	2552.4
50°	2028.8	2149.8	2254.7	2353.1	2438.1	2514.1	2583.1	2642.0	2691.0	2732.9	2767.5
47.5°	2231.1	2350.4	2454.9	2550.6	2637.4	2711.6	2779.1	2838.9	2887.8	2929.8	2964.5
45°	2415.8	2531.0	2637.9	2730.8	2817.4	2892.1	2959.3	3019.6	3066.6	3106.0	3138.7
42.5°	2582.5	2696.8	2802.4	2896.2	2981.9	3056.6	3119.4	3175.9	3221.8	3258.7	3289.3
40°	2732.6	2849.2	2952.9	3047.7	3127.3	3200.7	3258.9	3311.5	3356.3	3391.4	3420.6
37.5°	2871.8	2987.4	3088.3	3179.0	3254.9	3323.2	3380.8	3430.6	3474.6	3507.1	3534.3
35°	2999.0	3108.8	3208.7	3291.8	3367.1	3431.4	3488.1	3534.0	3574.9	3605.9	3630.6
32.5°	3108.8	3217.8	3310.5	3392.3	3465.8	3525.8	3580.2	3622.3	3659.3	3689.2	3712.2
30°	3208.7	3310.5	3400.8	3481.9	3548.8	3607.2	3656.2	3697.3	3731.5	3760.0	3780.2
27.5°	3291.8	3392.3	3481.9	3556.6	3620.7	3676.9	3721.7	3761.2	3791.2	3817.4	3834.8
25°	3367.1	3465.8	3548.8	3620.7	3682.9	3734.1	3776.8	3812.7	3839.2	3861.7	3874.6
22.5°	3431.4	3525.8	3607.2	3676.9	3734.1	3782.1	3822.4	3852.7	3874.4	3888.0	3895.6
20°	3488.1	3580.2	3656.2	3721.7	3776.8	3822.4	3857.3	3879.7	3894.8	3898.5	3900.7
17.5°	3534.0	3622.3	3697.3	3761.2	3812.7	3852.7	3879.7	3895.5	3900.0	3899.2	3897.0
15°	3574.9	3659.3	3731.5	3791.2	3839.2	3874.4	3894.8	3900.0	3898.7	3894.2	3887.1
12.5°	3605.9	3689.2	3760.0	3817.4	3861.7	3888.0	3898.5	3899.2	3894.2	3885.4	3875.4
10°	3630.6	3712.2	3780.2	3834.8	3874.6	3895.6	3900.7	3897.0	3887.1	3875.4	3864.3
7.5°	3650.2	3730.4	3796.3	3848.6	3883.0	3898.0	3899.1	3892.1	3880.2	3866.9	3854.9
5°	3664.4	3743.6	3808.0	3858.8	3889.2	3899.7	3897.9	3888.2	3874.4	3860.5	3849.6
2.5°	3672.9	3751.6	3815.1	3864.9	3893.0	3900.7	3897.2	3885.7	3870.7	3856.4	3846.0
0°	3675.8	3754.3	3817.5	3867.0	3894.3	3901.1	3896.9	3884.9	3869.5	3855.0	3844.8
-2.5°	3672.9	3751.6	3815.1	3864.9	3893.0	3900.7	3897.2	3885.7	3870.7	3856.4	3846.0
-5°	3664.4	3743.6	3808.0	3858.8	3889.2	3899.7	3897.9	3888.2	3874.4	3860.5	3849.6
-7.5°	3650.2	3730.4	3796.3	3848.6	3883.0	3898.0	3899.1	3892.1	3880.2	3866.9	3854.9
-10°	3630.6	3712.2	3780.2	3834.8	3874.6	3895.6	3900.7	3897.0	3887.1	3875.4	3864.3
-12.5°	3605.9	3689.2	3760.0	3817.4	3861.7	3888.0	3898.5	3899.2	3894.2	3885.4	3875.4
-15°	3574.9	3659.3	3731.5	3791.2	3839.2	3874.4	3894.8	3900.0	3898.7	3894.2	3887.1
-17.5°	3534.0	3622.3	3697.3	3761.2	3812.7	3852.7	3879.7	3895.5	3900.0	3899.2	3897.0
-20°	3488.1	3580.2	3656.2	3721.7	3776.8	3822.4	3857.3	3879.7	3894.8	3898.5	3900.7

Classified

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

Scaled Data Report



REPORT NUMBER: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-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°	3431.4	3525.8	3607.2	3676.9	3734.1	3782.1	3822.4	3852.7	3874.4	3888.0	3895.6
-25°	3367.1	3465.8	3548.8	3620.7	3682.9	3734.1	3776.8	3812.7	3839.2	3861.7	3874.6
-27.5°	3291.8	3392.3	3481.9	3556.6	3620.7	3676.9	3721.7	3761.2	3791.2	3817.4	3834.8
-30°	3208.7	3310.5	3400.8	3481.9	3548.8	3607.2	3656.2	3697.3	3731.5	3760.0	3780.2
-32.5°	3108.8	3217.8	3310.5	3392.3	3465.8	3525.8	3580.2	3622.3	3659.3	3689.2	3712.2
-35°	2999.0	3108.8	3208.7	3291.8	3367.1	3431.4	3488.1	3534.0	3574.9	3605.9	3630.6
-37.5°	2871.8	2987.4	3088.3	3179.0	3254.9	3323.2	3380.8	3430.6	3474.6	3507.1	3534.3
-40°	2732.6	2849.2	2952.9	3047.7	3127.3	3200.7	3258.9	3311.5	3356.3	3391.4	3420.6
-42.5°	2582.5	2696.8	2802.4	2896.2	2981.9	3056.6	3119.4	3175.9	3221.8	3258.7	3289.3
-45°	2415.8	2531.0	2637.9	2730.8	2817.4	2892.1	2959.3	3019.6	3066.6	3106.0	3138.7
-47.5°	2231.1	2350.4	2454.9	2550.6	2637.4	2711.6	2779.1	2838.9	2887.8	2929.8	2964.5
-50°	2028.8	2149.8	2254.7	2353.1	2438.1	2514.1	2583.1	2642.0	2691.0	2732.9	2767.5
-52.5°	1807.3	1924.2	2034.1	2134.5	2218.9	2296.5	2367.0	2424.9	2474.7	2517.3	2552.4
-55°	1572.7	1685.3	1791.4	1887.3	1975.2	2055.9	2127.4	2185.1	2235.6	2278.8	2314.3
-57.5°	1340.2	1440.8	1536.2	1627.2	1711.4	1788.6	1856.8	1916.4	1968.5	2013.0	2049.6
-60°	1120.9	1200.1	1285.6	1366.2	1440.8	1509.0	1572.7	1629.3	1678.9	1721.1	1755.9
-62.5°	924.6	990.2	1057.9	1120.9	1179.1	1236.6	1292.4	1342.1	1385.6	1422.6	1453.0
-65°	766.5	816.8	864.0	907.9	948.9	996.8	1040.0	1078.5	1112.0	1140.6	1164.1
-67.5°	630.3	667.8	702.9	735.6	769.6	802.7	832.4	858.9	882.0	901.7	917.8
-70°	513.7	539.9	564.5	589.5	616.1	640.4	662.3	681.7	698.7	713.1	724.9
-72.5°	416.7	434.1	451.5	471.4	489.6	506.3	521.3	534.7	546.3	556.2	564.3
-75°	336.5	350.1	363.9	376.8	388.7	399.5	409.2	417.9	425.4	431.8	437.1
-77.5°	264.4	275.3	285.4	294.9	303.5	311.4	318.5	324.8	330.3	335.0	338.8
-80°	189.1	198.2	206.6	214.5	221.7	228.3	234.3	239.5	244.1	248.0	251.2
-82.5°	117.9	124.0	129.8	135.1	140.0	144.5	148.5	152.1	155.2	157.9	160.0
-85°	58.3	61.2	63.8	66.2	68.5	70.5	72.4	74.0	75.4	76.6	77.6
-87.5°	17.4	18.0	18.4	18.9	19.3	19.7	20.0	20.3	20.6	20.8	21.0
-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: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-U-LAM-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°	21.1	21.2	21.3	21.3	21.3	21.2	21.1	21.0	20.8	20.6	20.3
85°	78.4	79.0	79.3	79.4	79.3	79.0	78.4	77.6	76.6	75.4	74.0
82.5°	161.7	162.9	163.7	163.9	163.7	162.9	161.7	160.0	157.9	155.2	152.1
80°	253.7	255.5	256.5	256.9	256.5	255.5	253.7	251.2	248.0	244.1	239.5
77.5°	341.8	344.0	345.3	345.7	345.3	344.0	341.8	338.8	335.0	330.3	324.8
75°	441.2	444.1	445.9	446.5	445.9	444.1	441.2	437.1	431.8	425.4	417.9
72.5°	570.6	575.2	577.9	578.8	577.9	575.2	570.6	564.3	556.2	546.3	534.7
70°	734.2	740.8	744.8	746.1	744.8	740.8	734.2	724.9	713.1	698.7	681.7
67.5°	930.4	939.5	944.9	946.7	944.9	939.5	930.4	917.8	901.7	882.0	858.9
65°	1182.5	1195.7	1203.6	1206.2	1203.6	1195.7	1182.5	1164.1	1140.6	1112.0	1078.5
62.5°	1476.8	1493.8	1504.1	1507.5	1504.1	1493.8	1476.8	1453.0	1422.6	1385.6	1342.1
60°	1783.1	1802.6	1814.3	1818.2	1814.3	1802.6	1783.1	1755.9	1721.1	1678.9	1629.3
57.5°	2078.3	2098.8	2111.2	2115.3	2111.2	2098.8	2078.3	2049.6	2013.0	1968.5	1916.4
55°	2342.2	2362.2	2374.2	2378.2	2374.2	2362.2	2342.2	2314.3	2278.8	2235.6	2185.1
52.5°	2579.9	2599.6	2611.5	2615.5	2611.5	2599.6	2579.9	2552.4	2517.3	2474.7	2424.9
50°	2794.6	2814.1	2825.9	2829.8	2825.9	2814.1	2794.6	2767.5	2732.9	2691.0	2642.0
47.5°	2991.7	3011.3	3023.1	3027.0	3023.1	3011.3	2991.7	2964.5	2929.8	2887.8	2838.9
45°	3164.4	3182.8	3194.0	3197.7	3194.0	3182.8	3164.4	3138.7	3106.0	3066.6	3019.6
42.5°	3313.3	3330.7	3341.1	3344.6	3341.1	3330.7	3313.3	3289.3	3258.7	3221.8	3175.9
40°	3443.6	3460.1	3470.2	3473.5	3470.2	3460.1	3443.6	3420.6	3391.4	3356.3	3311.5
37.5°	3555.7	3571.1	3580.5	3583.6	3580.5	3571.1	3555.7	3534.3	3507.1	3474.6	3430.6
35°	3650.2	3664.4	3672.9	3675.8	3672.9	3664.4	3650.2	3630.6	3605.9	3574.9	3534.0
32.5°	3730.4	3743.6	3751.6	3754.3	3751.6	3743.6	3730.4	3712.2	3689.2	3659.3	3622.3
30°	3796.3	3808.0	3815.1	3817.5	3815.1	3808.0	3796.3	3780.2	3760.0	3731.5	3697.3
27.5°	3848.6	3858.8	3864.9	3867.0	3864.9	3858.8	3848.6	3834.8	3817.4	3791.2	3761.2
25°	3883.0	3889.2	3893.0	3894.3	3893.0	3889.2	3883.0	3874.6	3861.7	3839.2	3812.7
22.5°	3898.0	3899.7	3900.7	3901.1	3900.7	3899.7	3898.0	3895.6	3888.0	3874.4	3852.7
20°	3899.1	3897.9	3897.2	3896.9	3897.2	3897.9	3899.1	3900.7	3898.5	3894.8	3879.7
17.5°	3892.1	3888.2	3885.7	3884.9	3885.7	3888.2	3892.1	3897.0	3899.2	3900.0	3895.5
15°	3880.2	3874.4	3870.7	3869.5	3870.7	3874.4	3880.2	3887.1	3894.2	3898.7	3900.0
12.5°	3866.9	3860.5	3856.4	3855.0	3856.4	3860.5	3866.9	3875.4	3885.4	3894.2	3899.2
10°	3854.9	3849.6	3846.0	3844.8	3846.0	3849.6	3854.9	3864.3	3875.4	3887.1	3897.0
7.5°	3847.2	3842.4	3839.8	3838.8	3839.8	3842.4	3847.2	3854.9	3866.9	3880.2	3892.1
5°	3842.4	3837.6	3833.6	3832.0	3833.6	3837.6	3842.4	3849.6	3860.5	3874.4	3888.2
2.5°	3839.8	3833.6	3827.5	3824.3	3827.5	3833.6	3839.8	3846.0	3856.4	3870.7	3885.7
0°	<b>3838.8</b>	<b>3832.0</b>	<b>3824.3</b>	<b>3825.2</b>	<b>3824.3</b>	<b>3832.0</b>	<b>3838.8</b>	<b>3844.8</b>	<b>3855.0</b>	<b>3869.5</b>	<b>3884.9</b>
-2.5°	3839.8	3833.6	3827.5	3824.3	3827.5	3833.6	3839.8	3846.0	3856.4	3870.7	3885.7
-5°	3842.4	3837.6	3833.6	3832.0	3833.6	3837.6	3842.4	3849.6	3860.5	3874.4	3888.2
-7.5°	3847.2	3842.4	3839.8	3838.8	3839.8	3842.4	3847.2	3854.9	3866.9	3880.2	3892.1
-10°	3854.9	3849.6	3846.0	3844.8	3846.0	3849.6	3854.9	3864.3	3875.4	3887.1	3897.0
-12.5°	3866.9	3860.5	3856.4	3855.0	3856.4	3860.5	3866.9	3875.4	3885.4	3894.2	3899.2
-15°	3880.2	3874.4	3870.7	3869.5	3870.7	3874.4	3880.2	3887.1	3894.2	3898.7	3900.0
-17.5°	3892.1	3888.2	3885.7	3884.9	3885.7	3888.2	3892.1	3897.0	3899.2	3900.0	3895.5
-20°	3899.1	3897.9	3897.2	3896.9	3897.2	3897.9	3899.1	3900.7	3898.5	3894.8	3879.7



REPORT NUMBER: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	3898.0	3899.7	3900.7	3901.1	3900.7	3899.7	3898.0	3895.6	3888.0	3874.4	3852.7
-25°	3883.0	3889.2	3893.0	3894.3	3893.0	3889.2	3883.0	3874.6	3861.7	3839.2	3812.7
-27.5°	3848.6	3858.8	3864.9	3867.0	3864.9	3858.8	3848.6	3834.8	3817.4	3791.2	3761.2
-30°	3796.3	3808.0	3815.1	3817.5	3815.1	3808.0	3796.3	3780.2	3760.0	3731.5	3697.3
-32.5°	3730.4	3743.6	3751.6	3754.3	3751.6	3743.6	3730.4	3712.2	3689.2	3659.3	3622.3
-35°	3650.2	3664.4	3672.9	3675.8	3672.9	3664.4	3650.2	3630.6	3605.9	3574.9	3534.0
-37.5°	3555.7	3571.1	3580.5	3583.6	3580.5	3571.1	3555.7	3534.3	3507.1	3474.6	3430.6
-40°	3443.6	3460.1	3470.2	3473.5	3470.2	3460.1	3443.6	3420.6	3391.4	3356.3	3311.5
-42.5°	3313.3	3330.7	3341.1	3344.6	3341.1	3330.7	3313.3	3289.3	3258.7	3221.8	3175.9
-45°	3164.4	3182.8	3194.0	3197.7	3194.0	3182.8	3164.4	3138.7	3106.0	3066.6	3019.6
-47.5°	2991.7	3011.3	3023.1	3027.0	3023.1	3011.3	2991.7	2964.5	2929.8	2887.8	2838.9
-50°	2794.6	2814.1	2825.9	2829.8	2825.9	2814.1	2794.6	2767.5	2732.9	2691.0	2642.0
-52.5°	2579.9	2599.6	2611.5	2615.5	2611.5	2599.6	2579.9	2552.4	2517.3	2474.7	2424.9
-55°	2342.2	2362.2	2374.2	2378.2	2374.2	2362.2	2342.2	2314.3	2278.8	2235.6	2185.1
-57.5°	2078.3	2098.8	2111.2	2115.3	2111.2	2098.8	2078.3	2049.6	2013.0	1968.5	1916.4
-60°	1783.1	1802.6	1814.3	1818.2	1814.3	1802.6	1783.1	1755.9	1721.1	1678.9	1629.3
-62.5°	1476.8	1493.8	1504.1	1507.5	1504.1	1493.8	1476.8	1453.0	1422.6	1385.6	1342.1
-65°	1182.5	1195.7	1203.6	1206.2	1203.6	1195.7	1182.5	1164.1	1140.6	1112.0	1078.5
-67.5°	930.4	939.5	944.9	946.7	944.9	939.5	930.4	917.8	901.7	882.0	858.9
-70°	734.2	740.8	744.8	746.1	744.8	740.8	734.2	724.9	713.1	698.7	681.7
-72.5°	570.6	575.2	577.9	578.8	577.9	575.2	570.6	564.3	556.2	546.3	534.7
-75°	441.2	444.1	445.9	446.5	445.9	444.1	441.2	437.1	431.8	425.4	417.9
-77.5°	341.8	344.0	345.3	345.7	345.3	344.0	341.8	338.8	335.0	330.3	324.8
-80°	253.7	255.5	256.5	256.9	256.5	255.5	253.7	251.2	248.0	244.1	239.5
-82.5°	161.7	162.9	163.7	163.9	163.7	162.9	161.7	160.0	157.9	155.2	152.1
-85°	78.4	79.0	79.3	79.4	79.3	79.0	78.4	77.6	76.6	75.4	74.0
-87.5°	21.1	21.2	21.3	21.3	21.3	21.2	21.1	21.0	20.8	20.6	20.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	20.0	19.7	19.3	18.9	18.4	18.0	17.4	16.9	16.3	15.7	15.1
85°	72.4	70.5	68.5	66.2	63.8	61.2	58.3	55.3	52.2	48.8	45.3
82.5°	148.5	144.5	140.0	135.1	129.8	124.0	117.9	111.3	104.4	97.1	89.4
80°	234.3	228.3	221.7	214.5	206.6	198.2	189.1	179.5	169.3	159.0	148.8
77.5°	318.5	311.4	303.5	294.9	285.4	275.3	264.4	252.7	239.9	226.5	212.4
75°	409.2	399.5	388.7	376.8	363.9	350.1	336.5	322.6	307.9	292.4	276.3
72.5°	521.3	506.3	489.6	471.4	451.5	434.1	416.7	398.2	378.7	358.2	337.8
70°	662.3	640.4	616.1	589.5	564.5	539.9	513.7	485.9	456.5	430.6	406.0
67.5°	832.4	802.7	769.6	735.6	702.9	667.8	630.3	590.5	554.8	520.0	483.5
65°	1040.0	996.8	948.9	907.9	864.0	816.8	766.5	718.7	671.8	622.6	572.9
62.5°	1292.4	1236.6	1179.1	1120.9	1057.9	990.2	924.6	865.6	803.5	739.6	683.0
60°	1572.7	1509.0	1440.8	1366.2	1285.6	1200.1	1120.9	1037.1	948.9	877.0	802.7
57.5°	1856.8	1788.6	1711.4	1627.2	1536.2	1440.8	1340.2	1234.0	1134.1	1033.6	933.0
55°	2127.4	2055.9	1975.2	1887.3	1791.4	1685.3	1572.7	1455.4	1334.5	1208.2	1094.9
52.5°	2367.0	2296.5	2218.9	2134.5	2034.1	1924.2	1807.3	1678.9	1544.4	1407.3	1266.1
50°	2583.1	2514.1	2438.1	2353.1	2254.7	2149.8	2028.8	1896.8	1755.9	1605.5	1451.3
47.5°	2779.1	2711.6	2637.4	2550.6	2454.9	2350.4	2231.1	2104.7	1956.9	1802.6	1636.3
45°	2959.3	2892.1	2817.4	2730.8	2637.9	2531.0	2415.8	2286.1	2146.6	1987.2	1818.2
42.5°	3119.4	3056.6	2981.9	2896.2	2802.4	2696.8	2582.5	2453.9	2313.8	2160.3	1987.2
40°	3258.9	3200.7	3127.3	3047.7	2952.9	2849.2	2732.6	2608.5	2466.7	2313.8	2146.6
37.5°	3380.8	3323.2	3254.9	3179.0	3088.3	2987.4	2871.8	2744.6	2608.5	2453.9	2286.1
35°	3488.1	3431.4	3367.1	3291.8	3208.7	3108.8	2999.0	2871.8	2732.6	2582.5	2415.8
32.5°	3580.2	3525.8	3465.8	3392.3	3310.5	3217.8	3108.8	2987.4	2849.2	2696.8	2531.0
30°	3656.2	3607.2	3548.8	3481.9	3400.8	3310.5	3208.7	3088.3	2952.9	2802.4	2637.9
27.5°	3721.7	3676.9	3620.7	3556.6	3481.9	3392.3	3291.8	3179.0	3047.7	2896.2	2730.8
25°	3776.8	3734.1	3682.9	3620.7	3548.8	3465.8	3367.1	3254.9	3127.3	2981.9	2817.4
22.5°	3822.4	3782.1	3734.1	3676.9	3607.2	3525.8	3431.4	3323.2	3200.7	3056.6	2892.1
20°	3857.3	3822.4	3776.8	3721.7	3656.2	3580.2	3488.1	3380.8	3258.9	3119.4	2959.3
17.5°	3879.7	3852.7	3812.7	3761.2	3697.3	3622.3	3534.0	3430.6	3311.5	3175.9	3019.6
15°	3894.8	3874.4	3839.2	3791.2	3731.5	3659.3	3574.9	3474.6	3356.3	3221.8	3066.6
12.5°	3898.5	3888.0	3861.7	3817.4	3760.0	3689.2	3605.9	3507.1	3391.4	3258.7	3106.0
10°	3900.7	3895.6	3874.6	3834.8	3780.2	3712.2	3630.6	3534.3	3420.6	3289.3	3138.7
7.5°	3899.1	3898.0	3883.0	3848.6	3796.3	3730.4	3650.2	3555.7	3443.6	3313.3	3164.4
5°	3897.9	3899.7	3889.2	3858.8	3808.0	3743.6	3664.4	3571.1	3460.1	3330.7	3182.8
2.5°	3897.2	3900.7	3893.0	3864.9	3815.1	3751.6	3672.9	3580.5	3470.2	3341.1	3194.0
0°	3896.9	3901.1	3894.3	3867.0	3817.5	3754.3	3675.8	3583.6	3473.5	3344.6	3197.7
-2.5°	3897.2	3900.7	3893.0	3864.9	3815.1	3751.6	3672.9	3580.5	3470.2	3341.1	3194.0
-5°	3897.9	3899.7	3889.2	3858.8	3808.0	3743.6	3664.4	3571.1	3460.1	3330.7	3182.8
-7.5°	3899.1	3898.0	3883.0	3848.6	3796.3	3730.4	3650.2	3555.7	3443.6	3313.3	3164.4
-10°	3900.7	3895.6	3874.6	3834.8	3780.2	3712.2	3630.6	3534.3	3420.6	3289.3	3138.7
-12.5°	3898.5	3888.0	3861.7	3817.4	3760.0	3689.2	3605.9	3507.1	3391.4	3258.7	3106.0
-15°	3894.8	3874.4	3839.2	3791.2	3731.5	3659.3	3574.9	3474.6	3356.3	3221.8	3066.6
-17.5°	3879.7	3852.7	3812.7	3761.2	3697.3	3622.3	3534.0	3430.6	3311.5	3175.9	3019.6
-20°	3857.3	3822.4	3776.8	3721.7	3656.2	3580.2	3488.1	3380.8	3258.9	3119.4	2959.3



REPORT NUMBER: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	3822.4	3782.1	3734.1	3676.9	3607.2	3525.8	3431.4	3323.2	3200.7	3056.6	2892.1
-25°	3776.8	3734.1	3682.9	3620.7	3548.8	3465.8	3367.1	3254.9	3127.3	2981.9	2817.4
-27.5°	3721.7	3676.9	3620.7	3556.6	3481.9	3392.3	3291.8	3179.0	3047.7	2896.2	2730.8
-30°	3656.2	3607.2	3548.8	3481.9	3400.8	3310.5	3208.7	3088.3	2952.9	2802.4	2637.9
-32.5°	3580.2	3525.8	3465.8	3392.3	3310.5	3217.8	3108.8	2987.4	2849.2	2696.8	2531.0
-35°	3488.1	3431.4	3367.1	3291.8	3208.7	3108.8	2999.0	2871.8	2732.6	2582.5	2415.8
-37.5°	3380.8	3323.2	3254.9	3179.0	3088.3	2987.4	2871.8	2744.6	2608.5	2453.9	2286.1
-40°	3258.9	3200.7	3127.3	3047.7	2952.9	2849.2	2732.6	2608.5	2466.7	2313.8	2146.6
-42.5°	3119.4	3056.6	2981.9	2896.2	2802.4	2696.8	2582.5	2453.9	2313.8	2160.3	1987.2
-45°	2959.3	2892.1	2817.4	2730.8	2637.9	2531.0	2415.8	2286.1	2146.6	1987.2	1818.2
-47.5°	2779.1	2711.6	2637.4	2550.6	2454.9	2350.4	2231.1	2104.7	1956.9	1802.6	1636.3
-50°	2583.1	2514.1	2438.1	2353.1	2254.7	2149.8	2028.8	1896.8	1755.9	1605.5	1451.3
-52.5°	2367.0	2296.5	2218.9	2134.5	2034.1	1924.2	1807.3	1678.9	1544.4	1407.3	1266.1
-55°	2127.4	2055.9	1975.2	1887.3	1791.4	1685.3	1572.7	1455.4	1334.5	1208.2	1094.9
-57.5°	1856.8	1788.6	1711.4	1627.2	1536.2	1440.8	1340.2	1234.0	1134.1	1033.6	933.0
-60°	1572.7	1509.0	1440.8	1366.2	1285.6	1200.1	1120.9	1037.1	948.9	877.0	802.7
-62.5°	1292.4	1236.6	1179.1	1120.9	1057.9	990.2	924.6	865.6	803.5	739.6	683.0
-65°	1040.0	996.8	948.9	907.9	864.0	816.8	766.5	718.7	671.8	622.6	572.9
-67.5°	832.4	802.7	769.6	735.6	702.9	667.8	630.3	590.5	554.8	520.0	483.5
-70°	662.3	640.4	616.1	589.5	564.5	539.9	513.7	485.9	456.5	430.6	406.0
-72.5°	521.3	506.3	489.6	471.4	451.5	434.1	416.7	398.2	378.7	358.2	337.8
-75°	409.2	399.5	388.7	376.8	363.9	350.1	336.5	322.6	307.9	292.4	276.3
-77.5°	318.5	311.4	303.5	294.9	285.4	275.3	264.4	252.7	239.9	226.5	212.4
-80°	234.3	228.3	221.7	214.5	206.6	198.2	189.1	179.5	169.3	159.0	148.8
-82.5°	148.5	144.5	140.0	135.1	129.8	124.0	117.9	111.3	104.4	97.1	89.4
-85°	72.4	70.5	68.5	66.2	63.8	61.2	58.3	55.3	52.2	48.8	45.3
-87.5°	20.0	19.7	19.3	18.9	18.4	18.0	17.4	16.9	16.3	15.7	15.1
-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: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	14.4	13.7	13.0	12.2	11.4	10.6	9.8	9.0	8.1	7.3	6.4
85°	41.6	37.8	33.9	29.8	25.6	21.3	19.7	18.0	16.3	14.6	12.8
82.5°	81.4	75.0	69.1	63.0	56.7	50.2	43.5	36.7	29.7	22.7	19.2
80°	138.1	127.0	115.5	103.6	91.3	79.0	70.1	61.0	51.8	42.3	32.8
77.5°	197.7	182.4	166.6	151.4	136.1	120.4	104.3	87.8	73.6	61.9	49.9
75°	259.4	241.1	222.1	202.5	182.3	161.7	142.4	122.7	102.5	82.1	66.9
72.5°	318.0	297.6	276.4	254.4	230.8	206.6	181.8	157.2	133.7	109.9	85.8
70°	380.4	353.8	328.6	303.6	277.8	251.2	222.9	194.1	164.7	137.5	109.9
67.5°	445.8	415.9	384.9	352.9	323.2	293.5	263.2	231.1	198.2	164.7	133.7
65°	530.6	486.9	442.8	407.3	370.9	335.0	301.4	267.2	231.1	194.1	157.2
62.5°	624.1	566.4	516.6	465.4	420.9	379.9	339.0	301.4	263.2	222.9	181.8
60°	728.9	662.3	593.6	534.7	477.4	425.4	379.9	335.0	293.5	251.2	206.6
57.5°	849.1	762.5	685.3	608.9	540.7	477.4	420.9	370.9	323.2	277.8	230.8
55°	977.8	877.3	781.1	693.1	608.9	534.7	465.4	407.3	352.9	303.6	254.4
52.5°	1132.0	1002.3	886.7	781.1	685.3	593.6	516.6	442.8	384.9	328.6	276.4
50°	1295.2	1144.4	1002.3	877.3	762.5	662.3	566.4	486.9	415.9	353.8	297.6
47.5°	1466.1	1295.2	1132.0	977.8	849.1	728.9	624.1	530.6	445.8	380.4	318.0
45°	1636.3	1451.3	1266.1	1094.9	933.0	802.7	683.0	572.9	483.5	406.0	337.8
42.5°	1802.6	1605.5	1407.3	1208.2	1033.6	877.0	739.6	622.6	520.0	430.6	358.2
40°	1956.9	1755.9	1544.4	1334.5	1134.1	948.9	803.5	671.8	554.8	456.5	378.7
37.5°	2104.7	1896.8	1678.9	1455.4	1234.0	1037.1	865.6	718.7	590.5	485.9	398.2
35°	2231.1	2028.8	1807.3	1572.7	1340.2	1120.9	924.6	766.5	630.3	513.7	416.7
32.5°	2350.4	2149.8	1924.2	1685.3	1440.8	1200.1	990.2	816.8	667.8	539.9	434.1
30°	2454.9	2254.7	2034.1	1791.4	1536.2	1285.6	1057.9	864.0	702.9	564.5	451.5
27.5°	2550.6	2353.1	2134.5	1887.3	1627.2	1366.2	1120.9	907.9	735.6	589.5	471.4
25°	2637.4	2438.1	2218.9	1975.2	1711.4	1440.8	1179.1	948.9	769.6	616.1	489.6
22.5°	2711.6	2514.1	2296.5	2055.9	1788.6	1509.0	1236.6	996.8	802.7	640.4	506.3
20°	2779.1	2583.1	2367.0	2127.4	1856.8	1572.7	1292.4	1040.0	832.4	662.3	521.3
17.5°	2838.9	2642.0	2424.9	2185.1	1916.4	1629.3	1342.1	1078.5	858.9	681.7	534.7
15°	2887.8	2691.0	2474.7	2235.6	1968.5	1678.9	1385.6	1112.0	882.0	698.7	546.3
12.5°	2929.8	2732.9	2517.3	2278.8	2013.0	1721.1	1422.6	1140.6	901.7	713.1	556.2
10°	2964.5	2767.5	2552.4	2314.3	2049.6	1755.9	1453.0	1164.1	917.8	724.9	564.3
7.5°	2991.7	2794.6	2579.9	2342.2	2078.3	1783.1	1476.8	1182.5	930.4	734.2	570.6
5°	3011.3	2814.1	2599.6	2362.2	2098.8	1802.6	1493.8	1195.7	939.5	740.8	575.2
2.5°	3023.1	2825.9	2611.5	2374.2	2111.2	1814.3	1504.1	1203.6	944.9	744.8	577.9
0°	3027.0	2829.8	2615.5	2378.2	2115.3	1818.2	1507.5	1206.2	946.7	746.1	578.8
-2.5°	3023.1	2825.9	2611.5	2374.2	2111.2	1814.3	1504.1	1203.6	944.9	744.8	577.9
-5°	3011.3	2814.1	2599.6	2362.2	2098.8	1802.6	1493.8	1195.7	939.5	740.8	575.2
-7.5°	2991.7	2794.6	2579.9	2342.2	2078.3	1783.1	1476.8	1182.5	930.4	734.2	570.6
-10°	2964.5	2767.5	2552.4	2314.3	2049.6	1755.9	1453.0	1164.1	917.8	724.9	564.3
-12.5°	2929.8	2732.9	2517.3	2278.8	2013.0	1721.1	1422.6	1140.6	901.7	713.1	556.2
-15°	2887.8	2691.0	2474.7	2235.6	1968.5	1678.9	1385.6	1112.0	882.0	698.7	546.3
-17.5°	2838.9	2642.0	2424.9	2185.1	1916.4	1629.3	1342.1	1078.5	858.9	681.7	534.7
-20°	2779.1	2583.1	2367.0	2127.4	1856.8	1572.7	1292.4	1040.0	832.4	662.3	521.3



REPORT NUMBER: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	2711.6	2514.1	2296.5	2055.9	1788.6	1509.0	1236.6	996.8	802.7	640.4	506.3
-25°	2637.4	2438.1	2218.9	1975.2	1711.4	1440.8	1179.1	948.9	769.6	616.1	489.6
-27.5°	2550.6	2353.1	2134.5	1887.3	1627.2	1366.2	1120.9	907.9	735.6	589.5	471.4
-30°	2454.9	2254.7	2034.1	1791.4	1536.2	1285.6	1057.9	864.0	702.9	564.5	451.5
-32.5°	2350.4	2149.8	1924.2	1685.3	1440.8	1200.1	990.2	816.8	667.8	539.9	434.1
-35°	2231.1	2028.8	1807.3	1572.7	1340.2	1120.9	924.6	766.5	630.3	513.7	416.7
-37.5°	2104.7	1896.8	1678.9	1455.4	1234.0	1037.1	865.6	718.7	590.5	485.9	398.2
-40°	1956.9	1755.9	1544.4	1334.5	1134.1	948.9	803.5	671.8	554.8	456.5	378.7
-42.5°	1802.6	1605.5	1407.3	1208.2	1033.6	877.0	739.6	622.6	520.0	430.6	358.2
-45°	1636.3	1451.3	1266.1	1094.9	933.0	802.7	683.0	572.9	483.5	406.0	337.8
-47.5°	1466.1	1295.2	1132.0	977.8	849.1	728.9	624.1	530.6	445.8	380.4	318.0
-50°	1295.2	1144.4	1002.3	877.3	762.5	662.3	566.4	486.9	415.9	353.8	297.6
-52.5°	1132.0	1002.3	886.7	781.1	685.3	593.6	516.6	442.8	384.9	328.6	276.4
-55°	977.8	877.3	781.1	693.1	608.9	534.7	465.4	407.3	352.9	303.6	254.4
-57.5°	849.1	762.5	685.3	608.9	540.7	477.4	420.9	370.9	323.2	277.8	230.8
-60°	728.9	662.3	593.6	534.7	477.4	425.4	379.9	335.0	293.5	251.2	206.6
-62.5°	624.1	566.4	516.6	465.4	420.9	379.9	339.0	301.4	263.2	222.9	181.8
-65°	530.6	486.9	442.8	407.3	370.9	335.0	301.4	267.2	231.1	194.1	157.2
-67.5°	445.8	415.9	384.9	352.9	323.2	293.5	263.2	231.1	198.2	164.7	133.7
-70°	380.4	353.8	328.6	303.6	277.8	251.2	222.9	194.1	164.7	137.5	109.9
-72.5°	318.0	297.6	276.4	254.4	230.8	206.6	181.8	157.2	133.7	109.9	85.8
-75°	259.4	241.1	222.1	202.5	182.3	161.7	142.4	122.7	102.5	82.1	66.9
-77.5°	197.7	182.4	166.6	151.4	136.1	120.4	104.3	87.8	73.6	61.9	49.9
-80°	138.1	127.0	115.5	103.6	91.3	79.0	70.1	61.0	51.8	42.3	32.8
-82.5°	81.4	75.0	69.1	63.0	56.7	50.2	43.5	36.7	29.7	22.7	19.2
-85°	41.6	37.8	33.9	29.8	25.6	21.3	19.7	18.0	16.3	14.6	12.8
-87.5°	14.4	13.7	13.0	12.2	11.4	10.6	9.8	9.0	8.1	7.3	6.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-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°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
85°	11.0	9.2	7.4	5.6	3.7	1.9	0.0
82.5°	16.5	13.8	11.1	8.3	5.6	2.8	0.0
80°	23.1	18.4	14.7	11.1	7.4	3.7	0.0
77.5°	37.8	25.6	18.4	13.8	9.2	4.6	0.0
75°	52.5	37.8	23.1	16.5	11.0	5.5	0.0
72.5°	66.9	49.9	32.8	19.2	12.8	6.4	0.0
70°	82.1	61.9	42.3	22.7	14.6	7.3	0.0
67.5°	102.5	73.6	51.8	29.7	16.3	8.1	0.0
65°	122.7	87.8	61.0	36.7	18.0	9.0	0.0
62.5°	142.4	104.3	70.1	43.5	19.7	9.8	0.0
60°	161.7	120.4	79.0	50.2	21.3	10.6	0.0
57.5°	182.3	136.1	91.3	56.7	25.6	11.4	0.0
55°	202.5	151.4	103.6	63.0	29.8	12.2	0.0
52.5°	222.1	166.6	115.5	69.1	33.9	13.0	0.0
50°	241.1	182.4	127.0	75.0	37.8	13.7	0.0
47.5°	259.4	197.7	138.1	81.4	41.6	14.4	0.0
45°	276.3	212.4	148.8	89.4	45.3	15.1	0.0
42.5°	292.4	226.5	159.0	97.1	48.8	15.7	0.0
40°	307.9	239.9	169.3	104.4	52.2	16.3	0.0
37.5°	322.6	252.7	179.5	111.3	55.3	16.9	0.0
35°	336.5	264.4	189.1	117.9	58.3	17.4	0.0
32.5°	350.1	275.3	198.2	124.0	61.2	18.0	0.0
30°	363.9	285.4	206.6	129.8	63.8	18.4	0.0
27.5°	376.8	294.9	214.5	135.1	66.2	18.9	0.0
25°	388.7	303.5	221.7	140.0	68.5	19.3	0.0
22.5°	399.5	311.4	228.3	144.5	70.5	19.7	0.0
20°	409.2	318.5	234.3	148.5	72.4	20.0	0.0
17.5°	417.9	324.8	239.5	152.1	74.0	20.3	0.0
15°	425.4	330.3	244.1	155.2	75.4	20.6	0.0
12.5°	431.8	335.0	248.0	157.9	76.6	20.8	0.0
10°	437.1	338.8	251.2	160.0	77.6	21.0	0.0
7.5°	441.2	341.8	253.7	161.7	78.4	21.1	0.0
5°	444.1	344.0	255.5	162.9	79.0	21.2	0.0
2.5°	445.9	345.3	256.5	163.7	79.3	21.3	0.0
0°	446.5	345.7	256.9	163.9	79.4	21.3	0.0
-2.5°	445.9	345.3	256.5	163.7	79.3	21.3	0.0
-5°	444.1	344.0	255.5	162.9	79.0	21.2	0.0
-7.5°	441.2	341.8	253.7	161.7	78.4	21.1	0.0
-10°	437.1	338.8	251.2	160.0	77.6	21.0	0.0
-12.5°	431.8	335.0	248.0	157.9	76.6	20.8	0.0
-15°	425.4	330.3	244.1	155.2	75.4	20.6	0.0
-17.5°	417.9	324.8	239.5	152.1	74.0	20.3	0.0
-20°	409.2	318.5	234.3	148.5	72.4	20.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645374 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	399.5	311.4	228.3	144.5	70.5	19.7	0.0
-25°	388.7	303.5	221.7	140.0	68.5	19.3	0.0
-27.5°	376.8	294.9	214.5	135.1	66.2	18.9	0.0
-30°	363.9	285.4	206.6	129.8	63.8	18.4	0.0
-32.5°	350.1	275.3	198.2	124.0	61.2	18.0	0.0
-35°	336.5	264.4	189.1	117.9	58.3	17.4	0.0
-37.5°	322.6	252.7	179.5	111.3	55.3	16.9	0.0
-40°	307.9	239.9	169.3	104.4	52.2	16.3	0.0
-42.5°	292.4	226.5	159.0	97.1	48.8	15.7	0.0
-45°	276.3	212.4	148.8	89.4	45.3	15.1	0.0
-47.5°	259.4	197.7	138.1	81.4	41.6	14.4	0.0
-50°	241.1	182.4	127.0	75.0	37.8	13.7	0.0
-52.5°	222.1	166.6	115.5	69.1	33.9	13.0	0.0
-55°	202.5	151.4	103.6	63.0	29.8	12.2	0.0
-57.5°	182.3	136.1	91.3	56.7	25.6	11.4	0.0
-60°	161.7	120.4	79.0	50.2	21.3	10.6	0.0
-62.5°	142.4	104.3	70.1	43.5	19.7	9.8	0.0
-65°	122.7	87.8	61.0	36.7	18.0	9.0	0.0
-67.5°	102.5	73.6	51.8	29.7	16.3	8.1	0.0
-70°	82.1	61.9	42.3	22.7	14.6	7.3	0.0
-72.5°	66.9	49.9	32.8	19.2	12.8	6.4	0.0
-75°	52.5	37.8	23.1	16.5	11.0	5.5	0.0
-77.5°	37.8	25.6	18.4	13.8	9.2	4.6	0.0
-80°	23.1	18.4	14.7	11.1	7.4	3.7	0.0
-82.5°	16.5	13.8	11.1	8.3	5.6	2.8	0.0
-85°	11.0	9.2	7.4	5.6	3.7	1.9	0.0
-87.5°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)