

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: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5C-750-U-LAM-VSR-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/4/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5C-750-U-LAM-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (80) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 21939.7 lumens  
Efficiency: N/A  
Efficacy: 106.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 7H x 7V  
Max Intensity: 9356.7 candela  
Max Intensity Angle: 0°H x -20°V

Beam Angle (50%): 105.6°H x 93.7°V  
Beam Lumens: 17151.2 lumens  
Beam Efficiency: 78.2%

Field Angle (10%): 144°H x 131.2°V  
Field Lumens: 21504 lumens  
Field Efficiency: 98.0%

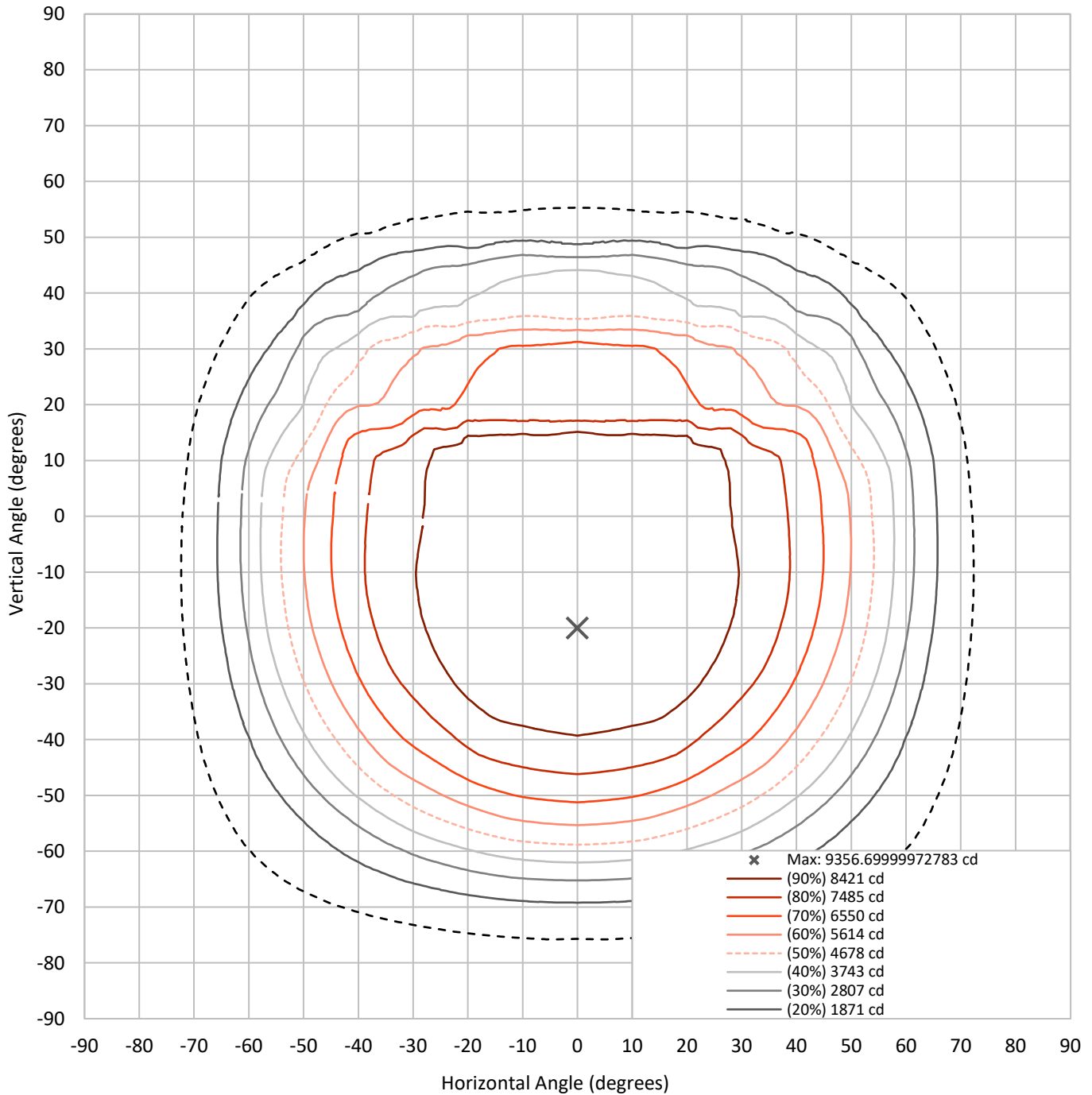
Input Watts (W): 206.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT





REPORT NUMBER: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-XX

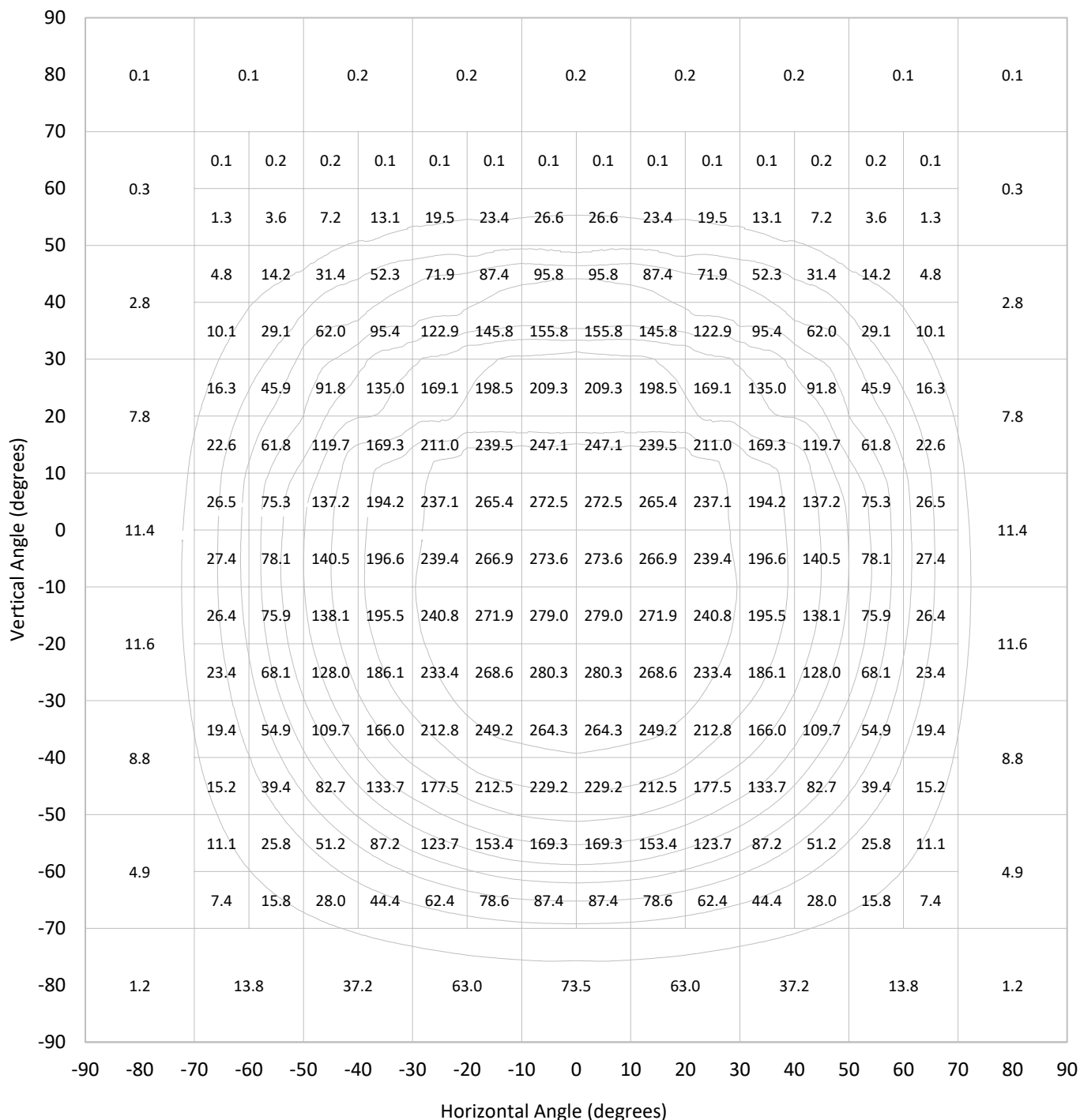
### Iso-Candela Plot





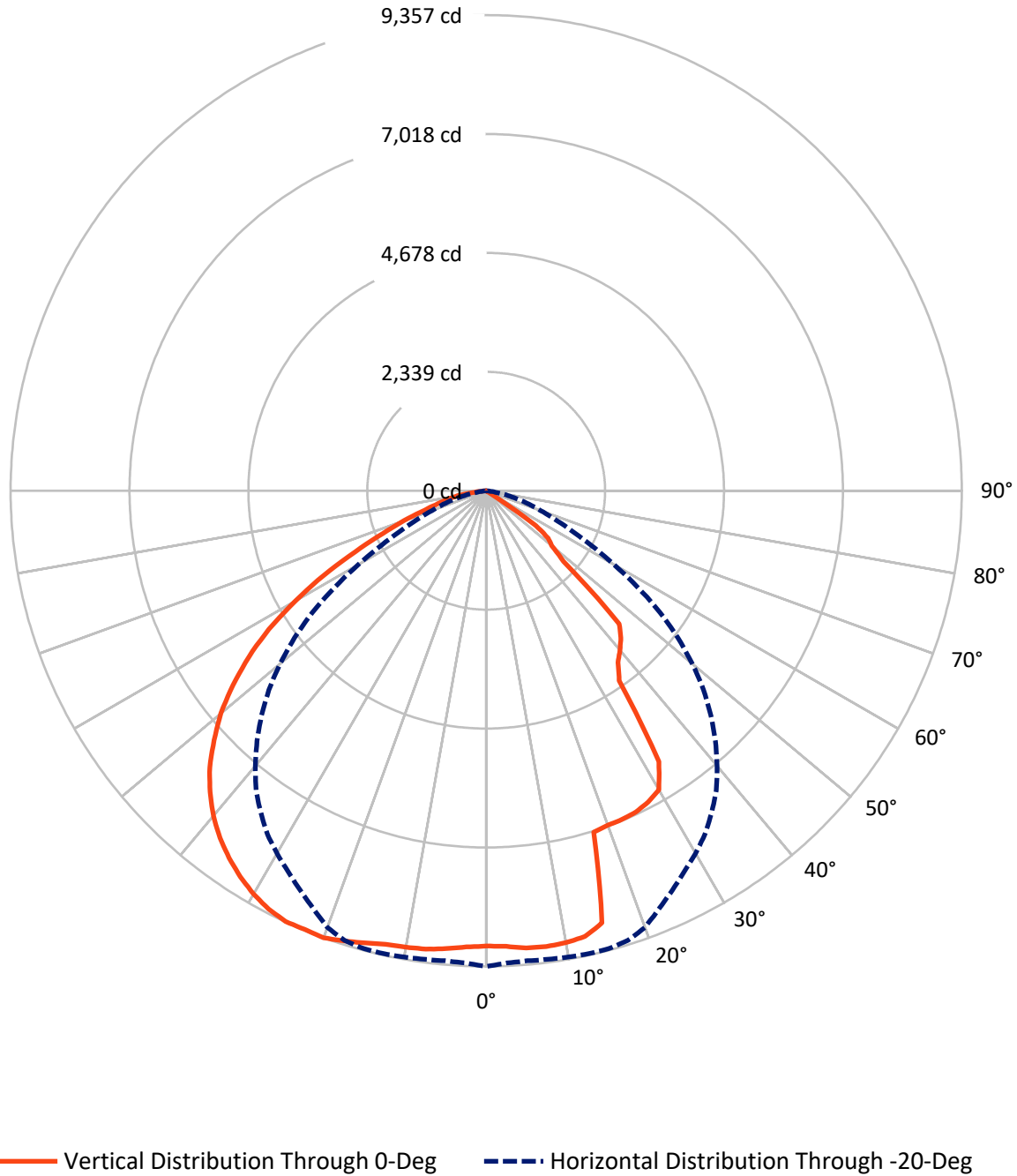
REPORT NUMBER: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-XX

### Lumen Table



REPORT NUMBER: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-XX

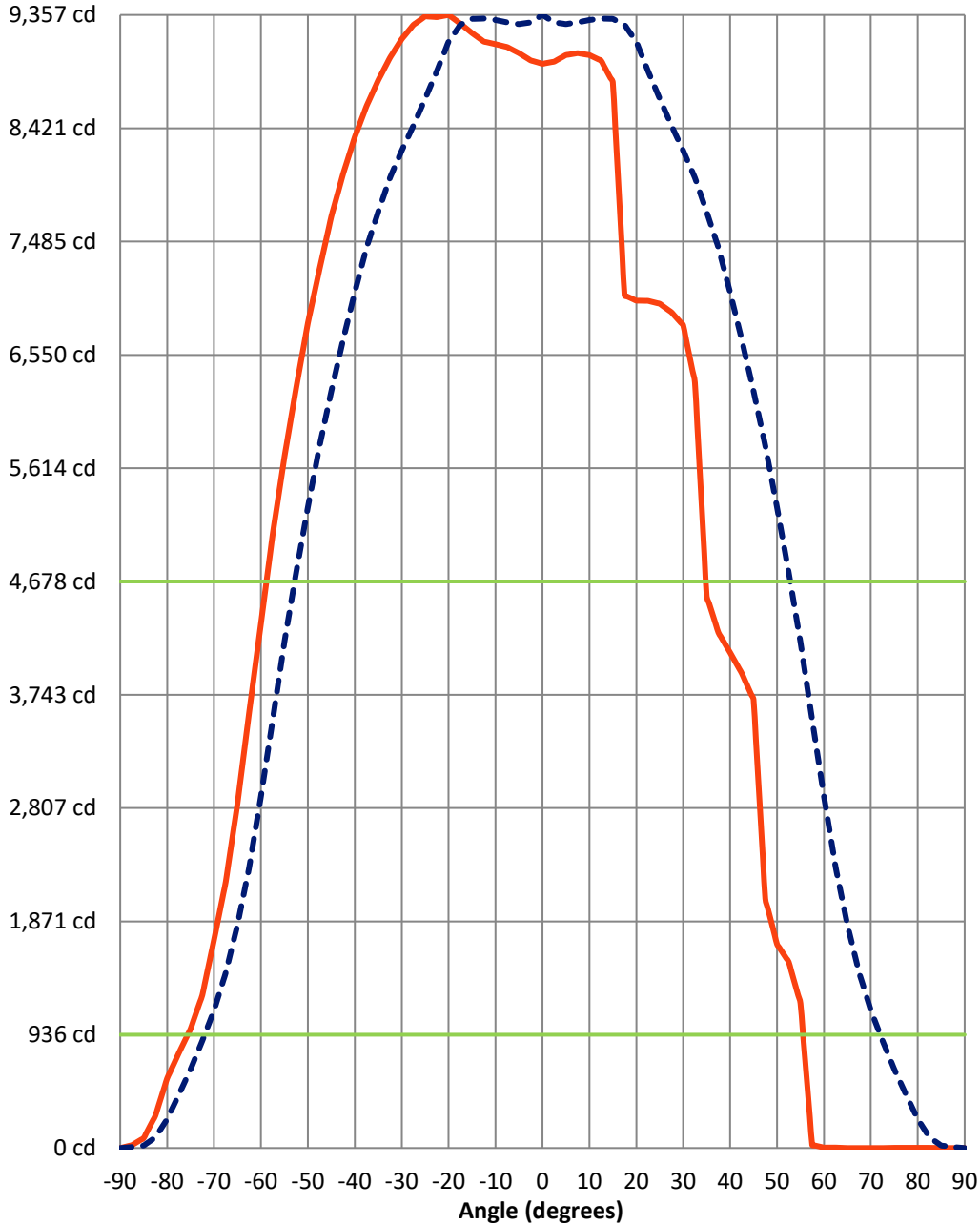
### Luminous Intensity Polar Plot





REPORT NUMBER: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 17151.2  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 21504  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 435.7  
 Efficiency: 2.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through -20-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-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	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.0	1.0	0.8
85°	0.0	0.4	0.7	1.0	1.4	1.7	2.1	2.1	2.1	1.9	1.7
82.5°	0.0	0.7	1.0	1.6	2.1	2.6	3.1	3.2	3.0	2.5	2.0
80°	0.0	0.9	1.4	2.1	2.8	3.4	4.0	3.5	3.1	2.6	2.1
77.5°	0.0	1.1	1.7	2.6	3.4	4.0	4.0	3.6	3.1	2.6	2.1
75°	0.0	1.3	2.1	3.1	4.0	4.2	4.1	3.6	3.1	2.6	2.2
72.5°	0.0	1.5	2.5	3.6	4.2	4.3	4.1	3.7	3.2	2.7	2.2
70°	0.0	1.7	2.8	4.0	4.4	4.5	4.2	3.7	3.2	2.8	3.2
67.5°	0.0	1.9	3.2	4.2	4.6	4.6	4.7	3.8	3.3	4.4	4.5
65°	0.0	2.2	3.5	4.4	4.8	5.3	5.4	3.8	5.3	6.2	7.8
62.5°	0.0	2.4	3.9	4.6	5.0	6.6	6.3	5.3	7.4	10.9	17.4
60°	0.0	2.6	4.3	4.8	5.3	8.0	7.4	7.5	9.6	27.7	30.2
57.5°	0.0	2.8	4.5	5.1	6.8	9.6	13.7	10.7	27.2	47.1	54.8
55°	0.0	3.0	4.7	5.3	8.5	11.4	21.8	17.2	50.4	72.7	88.6
52.5°	0.0	3.2	4.9	5.5	10.2	14.6	31.3	43.8	75.6	114.1	128.6
50°	0.0	3.4	5.2	5.7	12.0	24.8	42.2	74.0	108.2	160.2	200.8
47.5°	0.0	3.6	5.4	6.2	14.0	35.9	56.7	105.6	155.9	210.9	274.7
45°	0.0	3.7	5.7	7.8	15.9	47.7	85.5	138.7	209.2	274.9	346.4
42.5°	0.0	3.9	5.9	9.3	18.0	60.3	115.0	180.6	263.5	337.2	429.0
40°	0.0	4.1	6.2	11.2	24.2	73.6	145.2	228.4	319.5	398.3	517.5
37.5°	0.0	4.3	6.4	13.6	34.7	87.6	175.9	276.3	378.1	471.8	609.9
35°	0.0	4.4	6.7	16.3	45.3	108.8	207.2	324.1	437.7	562.0	719.1
32.5°	0.0	4.6	6.9	19.2	56.0	133.4	241.0	371.8	498.0	652.7	851.9
30°	0.0	4.8	7.2	22.4	66.8	157.9	279.7	419.9	558.9	743.6	979.3
27.5°	0.0	4.9	7.5	25.8	80.1	182.0	317.7	470.0	625.8	834.4	1101.1
25°	0.0	5.1	7.7	29.3	93.8	205.7	354.8	519.6	701.2	933.6	1217.2
22.5°	0.0	5.2	8.0	33.0	107.4	230.0	390.7	568.3	775.2	1032.7	1334.7
20°	0.0	5.3	8.2	36.8	120.9	256.0	425.5	616.1	847.3	1126.2	1449.4
17.5°	0.0	5.4	8.5	40.7	134.2	281.1	459.9	662.4	917.0	1214.0	1560.5
15°	0.0	5.5	8.7	44.6	147.1	305.3	492.9	705.5	984.0	1295.8	1667.2
12.5°	0.0	5.6	9.0	48.5	159.6	328.4	523.8	744.0	1037.5	1371.6	1768.8
10°	0.0	5.7	9.2	52.3	171.6	350.1	552.5	779.3	1077.3	1417.1	1851.5
7.5°	0.0	5.8	9.4	56.0	182.9	370.5	578.8	811.6	1111.3	1452.4	1899.7
5°	0.0	5.9	9.6	59.5	193.4	389.3	602.8	840.7	1139.6	1480.8	1939.0
2.5°	0.0	6.0	9.8	62.9	203.1	406.3	624.3	866.4	1162.6	1502.7	1969.0
0°	0.0	6.0	10.0	65.9	211.7	421.5	643.2	888.9	1180.6	1518.2	1989.6
-2.5°	0.0	6.3	11.6	70.2	219.8	431.1	652.6	902.0	1187.1	1537.8	2003.0
-5°	0.0	6.7	13.1	74.1	226.6	438.7	659.5	911.6	1189.3	1550.5	2007.3
-7.5°	0.0	7.0	14.6	77.7	232.2	444.2	663.9	917.6	1187.6	1555.7	2002.8
-10°	0.0	7.3	16.0	80.7	236.4	447.7	665.9	919.8	1182.5	1552.6	1990.1
-12.5°	0.0	7.5	17.4	83.3	239.3	449.1	665.5	918.3	1174.3	1540.0	1968.3
-15°	0.0	7.8	18.7	85.4	240.6	448.4	662.9	912.9	1165.1	1515.6	1936.6
-17.5°	0.0	8.0	19.9	86.9	240.5	445.7	658.1	901.9	1153.7	1485.1	1895.3
-20°	0.0	8.2	21.0	87.7	238.7	441.0	650.6	886.2	1137.6	1448.8	1844.5

Classified

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

Scaled Data Report



REPORT NUMBER: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.4	22.0	88.0	235.4	434.3	639.7	867.3	1116.6	1406.8	1784.1
-25°	0.0	8.5	22.9	87.6	230.4	423.8	626.3	845.4	1090.7	1359.6	1714.2
-27.5°	0.0	8.6	23.6	86.5	223.6	410.8	610.4	820.5	1059.7	1313.9	1652.2
-30°	0.0	8.7	24.2	84.7	215.2	396.0	592.0	792.8	1025.9	1275.3	1586.1
-32.5°	0.0	8.7	24.7	82.2	205.5	379.4	571.1	767.1	990.1	1230.6	1515.3
-35°	0.0	8.7	25.0	79.0	194.6	361.1	548.5	740.1	951.3	1180.0	1440.2
-37.5°	0.0	8.6	25.2	75.1	182.6	342.8	524.2	710.2	909.7	1123.4	1366.1
-40°	0.0	8.5	25.2	70.4	169.5	326.1	498.1	677.5	865.5	1070.0	1292.9
-42.5°	0.0	8.4	25.1	65.3	159.6	308.3	470.1	642.1	822.8	1013.5	1214.1
-45°	0.0	8.2	24.8	60.2	152.9	289.3	440.4	605.4	779.1	953.3	1132.4
-47.5°	0.0	8.0	24.4	54.4	144.9	269.2	409.0	568.8	732.3	890.1	1061.7
-50°	0.0	7.8	23.8	52.4	135.7	248.1	382.7	530.3	680.5	832.2	987.7
-52.5°	0.0	7.5	23.0	51.4	125.4	225.9	356.4	490.1	631.0	772.5	911.8
-55°	0.0	7.2	22.1	49.8	113.9	209.2	329.1	449.4	581.4	711.2	844.4
-57.5°	0.0	6.8	21.0	47.6	101.3	192.2	300.8	417.1	530.0	652.4	775.6
-60°	0.0	6.5	19.8	45.0	88.2	173.6	272.1	381.3	478.5	593.0	706.8
-62.5°	0.0	6.0	18.6	41.8	81.9	153.6	245.8	342.5	431.0	532.0	639.4
-65°	0.0	5.6	17.3	38.1	74.8	132.1	217.7	302.1	380.6	470.7	570.4
-67.5°	0.0	5.1	15.9	34.0	66.8	114.2	187.8	262.1	327.5	406.8	495.9
-70°	0.0	4.6	14.4	29.5	58.1	100.0	156.2	221.2	280.0	340.0	416.6
-72.5°	0.0	4.1	12.8	26.0	48.7	84.6	132.1	179.3	231.6	284.7	338.4
-75°	0.0	3.6	11.1	22.6	38.8	68.3	108.0	144.5	182.3	228.6	275.5
-77.5°	0.0	3.0	9.3	19.0	32.1	51.3	82.7	111.7	141.8	174.4	211.5
-80°	0.0	2.4	7.5	15.4	25.9	39.1	56.4	78.2	101.5	126.8	153.9
-82.5°	0.0	1.8	5.7	11.6	19.6	29.5	41.4	50.2	60.6	78.4	97.6
-85°	0.0	1.2	3.8	7.8	13.1	19.8	27.8	33.6	39.5	45.7	52.2
-87.5°	0.0	0.6	1.9	3.9	6.6	9.9	13.9	16.8	19.8	22.9	26.1
-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: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-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°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
85°	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	2.3	2.6	2.5	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0
70°	3.1	3.2	2.8	2.3	2.0	2.1	2.3	2.2	2.0	2.0	2.0
67.5°	3.9	3.4	2.9	2.7	2.8	3.0	2.9	2.5	2.0	2.0	2.1
65°	3.9	3.5	5.0	5.7	4.2	3.5	3.1	2.6	2.7	2.9	2.9
62.5°	6.0	7.5	9.5	16.9	12.6	3.7	6.6	7.8	5.7	4.7	5.1
60°	19.5	13.3	39.4	56.4	35.2	12.9	15.7	52.2	45.3	8.4	28.2
57.5°	41.0	56.3	103.7	105.6	73.0	50.4	146.5	169.3	128.1	74.8	114.4
55°	90.3	138.8	171.9	159.1	173.8	263.2	312.8	281.0	236.5	363.8	464.8
52.5°	176.5	225.9	237.1	272.3	389.7	447.8	429.1	458.9	595.0	739.0	770.2
50°	260.5	300.9	332.4	480.7	572.6	578.4	621.1	756.0	937.6	1025.7	1004.4
47.5°	341.7	383.6	530.4	672.8	714.2	770.7	877.4	1137.8	1330.2	1334.0	1312.2
45°	427.6	539.5	726.9	819.8	886.8	996.2	1253.8	1613.0	1631.7	1683.9	2004.9
42.5°	519.4	715.5	879.0	975.7	1083.9	1288.0	1631.8	1867.5	1948.6	2177.1	2435.2
40°	668.2	885.5	1028.4	1152.0	1291.1	1588.9	1965.5	2186.3	2252.2	2450.0	2644.1
37.5°	819.2	1027.6	1187.7	1336.7	1529.5	1931.5	2367.3	2549.3	2582.7	2618.8	3048.9
35°	964.5	1173.2	1364.9	1559.9	1796.3	2375.0	2755.9	2927.1	2921.8	3165.9	3616.2
32.5°	1100.5	1322.1	1548.3	1809.1	2199.3	2792.2	3173.2	3275.6	3431.1	3786.4	4401.0
30°	1236.2	1488.2	1747.9	2058.5	2552.9	3066.7	3501.7	3666.6	3933.0	4338.5	4785.8
27.5°	1376.0	1658.5	1972.5	2336.5	2831.9	3304.3	3675.8	4069.9	4328.8	4692.1	5010.3
25°	1515.3	1838.7	2194.3	2579.6	3031.4	3471.7	3855.9	4311.0	4589.0	4881.9	5178.8
22.5°	1661.3	2021.5	2423.1	2772.2	3199.6	3613.9	4071.4	4565.0	4926.4	5112.6	5311.9
20°	1813.9	2219.2	2647.5	3034.3	3365.6	3746.1	4287.7	4887.5	5354.0	5563.5	5590.9
17.5°	1964.3	2410.8	2871.3	3290.0	3647.4	3986.0	4514.8	5273.8	5854.0	6048.8	6135.4
15°	2111.1	2595.0	3093.9	3538.9	3931.2	4345.3	4910.0	5681.8	6345.1	6560.7	6696.9
12.5°	2252.7	2770.8	3312.9	3779.6	4215.2	4679.8	5268.8	5975.4	6580.8	6997.7	7247.8
10°	2387.6	2936.7	3525.4	4010.6	4496.0	4989.9	5565.8	6194.1	6687.0	7089.0	7444.0
7.5°	2455.7	3045.1	3708.0	4230.4	4769.8	5276.6	5808.9	6348.3	6763.4	7157.7	7500.9
5°	2501.9	3089.7	3765.0	4307.0	4915.2	5467.8	5984.7	6449.5	6813.3	7204.1	7539.3
2.5°	2534.9	3118.5	3803.7	4348.9	4969.8	5526.6	6035.3	6483.4	6854.4	7237.3	7580.6
0°	2554.9	3132.2	3823.4	4374.7	5004.0	5565.3	6064.7	6496.2	6881.7	7253.3	7622.8
-2.5°	2566.2	3174.1	3836.5	4441.0	5037.0	5598.6	6105.9	6527.1	6929.9	7283.5	7653.9
-5°	2564.8	3199.1	3833.1	4485.6	5052.8	5611.7	6126.5	6541.0	6956.1	7306.1	7666.6
-7.5°	2550.8	3204.9	3815.7	4499.6	5053.5	5607.3	6117.4	6547.7	6955.7	7326.9	7667.8
-10°	2526.0	3182.3	3799.8	4463.4	5034.1	5584.5	6089.8	6533.0	6939.4	7322.7	7661.2
-12.5°	2496.8	3135.6	3766.5	4411.5	4994.7	5542.0	6047.9	6495.6	6909.0	7291.3	7645.9
-15°	2452.8	3073.4	3711.8	4345.4	4934.7	5480.2	5993.5	6434.5	6862.1	7236.6	7600.6
-17.5°	2393.8	2996.5	3634.7	4267.1	4854.0	5399.6	5923.6	6353.9	6779.5	7166.3	7517.7
-20°	2319.4	2905.3	3534.7	4178.0	4751.4	5291.3	5799.0	6249.6	6672.4	7065.9	7435.1



REPORT NUMBER: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2229.4	2800.4	3414.3	4057.8	4623.5	5157.3	5658.9	6116.8	6554.8	6935.5	7328.8
-25°	2139.3	2689.6	3281.1	3891.5	4474.9	5006.4	5509.5	5955.6	6403.3	6799.2	7172.9
-27.5°	2053.0	2561.0	3126.6	3708.3	4306.5	4835.4	5334.0	5780.5	6215.1	6647.9	7007.7
-30°	1956.2	2412.2	2957.2	3512.9	4095.9	4634.5	5136.7	5600.0	6013.7	6441.0	6827.3
-32.5°	1849.3	2254.4	2778.3	3312.8	3862.6	4413.1	4910.6	5370.8	5801.2	6205.4	6610.9
-35°	1744.8	2127.0	2588.6	3098.0	3615.4	4155.5	4653.4	5109.1	5555.7	5956.1	6343.6
-37.5°	1650.8	1989.0	2387.1	2873.7	3368.1	3878.9	4385.4	4826.5	5251.5	5691.8	6069.6
-40°	1549.0	1840.9	2212.5	2642.7	3108.7	3594.4	4079.3	4535.7	4935.2	5370.3	5785.9
-42.5°	1442.5	1720.2	2040.3	2398.1	2838.0	3296.0	3764.0	4210.5	4625.4	5035.8	5447.6
-45°	1349.3	1592.5	1865.2	2192.0	2550.2	2980.9	3424.1	3869.1	4267.2	4658.4	5065.1
-47.5°	1250.1	1464.1	1716.2	1977.3	2288.6	2648.8	3065.5	3476.0	3883.5	4255.7	4615.6
-50°	1151.2	1348.5	1555.7	1790.7	2047.6	2339.5	2685.7	3067.3	3439.6	3821.7	4178.2
-52.5°	1066.0	1227.0	1414.2	1610.3	1830.2	2071.7	2349.1	2662.5	3001.1	3325.4	3681.0
-55°	977.6	1122.7	1273.9	1446.5	1629.5	1833.3	2060.7	2324.1	2582.4	2882.4	3172.7
-57.5°	897.0	1019.4	1148.3	1290.9	1449.8	1613.0	1811.7	2016.6	2251.0	2484.1	2714.0
-60°	821.1	921.0	1030.4	1151.1	1278.9	1424.1	1572.4	1748.4	1937.2	2123.3	2318.3
-62.5°	744.5	828.5	917.7	1017.9	1129.3	1239.1	1365.7	1501.3	1640.2	1797.9	1951.8
-65°	665.7	733.7	809.3	892.4	981.3	1074.8	1172.0	1272.4	1390.6	1506.2	1618.0
-67.5°	582.1	640.2	701.4	766.9	841.4	914.8	988.1	1072.8	1159.8	1245.4	1334.0
-70°	489.3	544.2	595.2	648.3	703.7	761.2	823.8	885.9	947.3	1011.4	1082.5
-72.5°	395.1	445.6	490.4	529.6	575.1	622.9	668.6	712.2	758.6	807.2	855.4
-75°	315.1	348.5	388.5	425.1	461.3	494.9	525.1	562.1	600.7	636.1	665.2
-77.5°	246.0	276.2	303.6	328.1	357.0	390.7	420.1	445.3	469.8	496.6	524.9
-80°	178.9	204.1	229.0	251.7	268.3	287.4	309.9	335.7	358.0	376.2	392.8
-82.5°	115.5	133.7	152.2	171.1	178.8	184.1	189.0	198.0	211.8	225.5	238.5
-85°	57.6	62.8	74.1	85.8	89.8	92.6	94.6	95.6	100.3	104.6	108.4
-87.5°	28.8	31.4	34.1	36.6	35.3	33.4	31.1	28.3	27.7	26.8	25.8
-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: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-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°	1.6	1.7	1.7	1.8	1.8	1.4	0.9	0.5	0.0	0.0	0.0
85°	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.4	1.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
70°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
67.5°	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.3
65°	2.8	2.7	2.9	2.8	2.5	2.4	2.5	2.4	2.2	1.7	1.2
62.5°	5.0	5.7	4.5	4.4	4.3	4.2	4.0	3.8	3.6	3.4	3.5
60°	31.3	18.5	10.8	12.6	11.4	7.6	9.6	11.3	11.4	10.4	9.2
57.5°	173.6	129.7	96.0	229.2	229.9	109.8	132.2	207.8	171.2	56.2	52.2
55°	483.0	577.7	760.4	722.2	734.0	844.2	921.8	816.1	800.0	852.5	984.8
52.5°	867.8	958.1	1019.5	1076.9	1146.9	1222.1	1299.5	1348.8	1394.9	1443.9	1473.2
50°	1108.2	1235.4	1322.7	1290.6	1471.6	1545.6	1470.4	1537.7	1619.7	1642.1	1652.7
47.5°	1636.3	1822.9	1859.9	1980.1	2088.0	2085.7	1994.1	1999.4	2243.5	2458.7	2564.5
45°	2351.6	2358.0	2475.2	2687.5	2839.2	2791.4	2919.5	3210.5	3307.4	3401.1	3477.9
42.5°	2630.3	2745.8	2932.9	3120.6	3233.7	3331.8	3426.6	3533.6	3659.4	3761.4	3842.9
40°	2900.1	2993.1	3184.8	3336.0	3429.6	3521.2	3631.7	3750.2	3865.3	3955.0	4016.2
37.5°	3315.4	3387.5	3434.2	3574.5	3751.7	3669.9	3879.5	4029.8	4098.5	4189.5	4197.7
35°	3943.7	3895.7	3833.6	4392.1	4425.5	4236.9	4432.8	4665.8	4543.0	4798.8	4936.3
32.5°	4500.7	4493.6	4981.0	5274.6	5105.7	5243.6	5695.4	5675.4	5976.5	6116.3	6076.4
30°	5025.5	5204.6	5486.5	5705.2	5734.4	5951.8	6152.5	6328.3	6510.1	6673.0	6684.2
27.5°	5291.9	5525.6	5716.9	5843.5	5984.6	6167.6	6349.7	6547.7	6702.3	6804.4	6829.4
25°	5453.1	5691.7	5836.6	5972.8	6128.7	6286.6	6490.5	6706.0	6830.2	6893.3	6913.4
22.5°	5595.1	5809.6	5965.4	6075.9	6243.7	6413.5	6603.5	6786.0	6921.0	6948.5	6958.5
20°	5731.8	5938.0	6198.1	6360.8	6352.8	6544.0	6727.2	6872.4	6984.8	6984.2	6986.9
17.5°	6127.5	6201.1	6673.2	7031.7	6854.2	6760.6	7264.3	7273.8	7303.7	7244.3	7115.4
15°	6713.3	6847.2	7427.2	7815.8	7693.5	7687.1	8414.6	8234.2	8389.5	8348.8	8523.6
12.5°	7333.8	7492.3	7925.8	8307.4	8489.2	8533.9	8776.9	9004.6	9051.4	9032.9	8998.6
10°	7756.5	7982.3	8156.4	8388.1	8571.5	8758.6	8899.3	9062.8	9116.3	9085.4	9041.6
7.5°	7811.5	8034.8	8239.2	8442.4	8617.1	8767.8	8913.8	9046.9	9101.4	9083.5	9053.4
5°	7846.5	8048.7	8246.9	8453.1	8620.1	8759.7	8905.3	9040.2	9072.3	9050.7	9021.4
2.5°	7868.1	8055.3	8246.3	8451.6	8603.2	8736.3	8883.6	9027.4	9027.2	9017.7	9000.6
0°	7878.5	8066.3	8288.0	8473.8	8643.6	8769.4	8915.3	9055.1	9045.1	9019.1	8989.2
-2.5°	7901.0	8091.2	8317.5	8471.5	8662.9	8778.1	8928.9	9050.0	9045.3	9032.6	9017.7
-5°	7921.0	8134.9	8346.7	8508.6	8700.5	8851.2	9001.0	9095.6	9100.7	9083.0	9058.0
-7.5°	7933.2	8170.4	8372.3	8535.0	8721.1	8896.4	9048.3	9147.7	9149.9	9126.2	9096.4
-10°	7929.1	8179.5	8387.4	8555.5	8746.1	8919.2	9078.0	9204.1	9199.9	9177.4	9151.9
-12.5°	7914.2	8164.3	8377.8	8546.3	8762.7	8940.9	9119.7	9245.0	9251.6	9234.8	9207.2
-15°	7881.2	8139.5	8347.1	8531.2	8743.3	8951.6	9135.2	9273.5	9298.2	9284.4	9262.6
-17.5°	7816.2	8088.7	8308.9	8507.3	8710.8	8932.8	9141.7	9292.9	9326.6	9321.1	9303.0
-20°	7730.7	8011.9	8235.5	8443.4	8664.9	8893.6	9136.6	9274.8	9323.7	9326.8	9314.6



REPORT NUMBER: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7634.8	7910.1	8147.2	8351.6	8591.8	8823.3	9043.4	9205.2	9287.4	9302.7	9303.7
-25°	7519.7	7802.7	8038.2	8255.9	8479.3	8718.4	8940.8	9121.5	9204.8	9244.6	9256.9
-27.5°	7357.1	7649.5	7881.5	8111.4	8338.8	8585.8	8819.5	9015.9	9083.7	9138.4	9160.4
-30°	7166.7	7455.9	7692.3	7902.6	8162.6	8414.5	8655.7	8827.1	8929.3	8991.9	9026.1
-32.5°	6947.8	7239.7	7487.8	7707.4	7954.5	8206.3	8433.3	8614.0	8755.0	8827.2	8863.8
-35°	6710.3	7008.3	7268.2	7499.4	7732.1	7972.1	8207.2	8396.4	8557.0	8619.0	8664.8
-37.5°	6423.9	6752.7	7019.0	7257.6	7478.7	7704.3	7949.2	8165.4	8321.3	8381.5	8429.8
-40°	6130.2	6448.0	6716.6	6971.0	7189.7	7436.0	7671.9	7898.5	8033.8	8104.0	8158.7
-42.5°	5820.2	6107.3	6362.7	6609.9	6853.3	7106.9	7342.6	7578.1	7695.1	7779.7	7846.8
-45°	5462.3	5729.4	5977.7	6209.0	6459.9	6709.2	6945.1	7153.2	7292.4	7402.6	7488.3
-47.5°	4985.2	5310.5	5559.8	5779.8	6028.6	6269.2	6497.7	6693.4	6846.1	6975.0	7074.5
-50°	4500.6	4812.8	5093.9	5341.1	5572.0	5794.4	6012.0	6203.4	6365.0	6504.7	6605.5
-52.5°	4023.4	4315.9	4594.9	4850.0	5071.9	5281.9	5481.0	5673.5	5843.9	5993.3	6090.8
-55°	3484.1	3787.2	4063.1	4301.0	4522.7	4730.3	4926.8	5109.4	5277.2	5429.3	5522.8
-57.5°	2978.2	3244.1	3500.8	3720.5	3929.7	4127.4	4313.7	4488.6	4650.0	4793.2	4883.3
-60°	2513.2	2707.0	2928.0	3130.8	3316.3	3484.6	3658.4	3821.4	3969.8	4095.6	4179.6
-62.5°	2102.2	2262.9	2422.4	2576.6	2727.0	2878.2	3023.8	3159.0	3282.9	3386.0	3459.6
-65°	1736.0	1865.1	1980.5	2089.8	2194.0	2313.3	2423.9	2528.0	2624.3	2703.4	2759.4
-67.5°	1429.5	1520.2	1600.0	1675.0	1757.2	1841.4	1920.4	1989.2	2048.1	2094.9	2131.9
-70°	1152.7	1219.5	1279.6	1339.5	1399.5	1454.2	1506.5	1557.1	1605.2	1644.4	1673.8
-72.5°	902.8	948.4	989.3	1035.4	1078.5	1120.1	1156.3	1185.5	1208.2	1230.3	1249.5
-75°	688.3	722.6	768.7	807.7	840.0	868.5	894.7	917.9	938.4	956.5	972.5
-77.5°	553.5	582.6	612.1	640.6	668.1	688.6	707.6	726.6	745.3	761.3	775.5
-80°	410.3	432.0	454.7	477.5	500.3	511.6	520.6	529.0	536.4	546.0	554.9
-82.5°	250.9	263.2	275.8	288.6	301.4	304.6	305.7	305.4	303.7	300.2	295.0
-85°	111.6	112.3	111.9	110.7	108.5	104.1	98.7	92.5	85.5	84.4	83.1
-87.5°	24.6	24.0	23.4	22.6	21.8	21.7	21.6	21.5	21.3	22.0	22.6
-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: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
85°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.4	1.9	1.9
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	2.0	2.0	1.1	0.0	1.1	2.0	2.0	2.0	2.0	2.0	2.0
70°	2.0	2.0	1.1	0.0	1.1	2.0	2.0	2.0	2.0	2.0	2.0
67.5°	0.7	0.2	0.0	0.0	0.0	0.2	0.7	1.3	1.8	2.0	2.0
65°	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.2	1.7	2.2	2.4
62.5°	3.7	3.8	4.0	4.0	4.0	3.8	3.7	3.5	3.4	3.6	3.8
60°	7.2	4.7	4.0	4.0	4.0	4.7	7.2	9.2	10.4	11.4	11.3
57.5°	44.2	33.0	28.0	26.0	28.0	33.0	44.2	52.2	56.2	171.2	207.8
55°	1079.6	1134.5	1175.6	1194.6	1175.6	1134.5	1079.6	984.8	852.5	800.0	816.1
52.5°	1498.9	1522.8	1536.6	1536.2	1536.6	1522.8	1498.9	1473.2	1443.9	1394.9	1348.8
50°	1670.8	1682.4	1686.5	1684.0	1686.5	1682.4	1670.8	1652.7	1642.1	1619.7	1537.7
47.5°	2467.9	2254.2	2097.2	2059.5	2097.2	2254.2	2467.9	2564.5	2458.7	2243.5	1999.4
45°	3514.7	3595.8	3676.4	3701.5	3676.4	3595.8	3514.7	3477.9	3401.1	3307.4	3210.5
42.5°	3877.4	3903.7	3918.7	3919.3	3918.7	3903.7	3877.4	3842.9	3761.4	3659.4	3533.6
40°	4050.4	4075.3	4089.8	4091.1	4089.8	4075.3	4050.4	4016.2	3955.0	3865.3	3750.2
37.5°	4207.6	4228.8	4242.7	4256.9	4242.7	4228.8	4207.6	4197.7	4189.5	4098.5	4029.8
35°	4917.7	4756.8	4525.4	4560.5	4525.4	4756.8	4917.7	4936.3	4798.8	4543.0	4665.8
32.5°	6138.7	6206.3	6248.5	6320.4	6248.5	6206.3	6138.7	6076.4	6116.3	5976.5	5675.4
30°	6702.0	6724.4	6758.2	6793.8	6758.2	6724.4	6702.0	6684.2	6673.0	6510.1	6328.3
27.5°	6842.6	6865.7	6886.3	6901.7	6886.3	6865.7	6842.6	6829.4	6804.4	6702.3	6547.7
25°	6916.2	6930.6	6952.4	6971.6	6952.4	6930.6	6916.2	6913.4	6893.3	6830.2	6706.0
22.5°	6952.7	6954.2	6971.3	6995.6	6971.3	6954.2	6952.7	6958.5	6948.5	6921.0	6786.0
20°	6977.8	6964.2	6981.9	6997.6	6981.9	6964.2	6977.8	6986.9	6984.2	6984.8	6872.4
17.5°	7297.2	7115.0	7040.1	7041.5	7040.1	7115.0	7297.2	7115.4	7244.3	7303.7	7273.8
15°	8327.4	8395.8	8657.9	8799.4	8657.9	8395.8	8327.4	8523.6	8348.8	8389.5	8234.2
12.5°	8992.2	8967.9	8936.8	8979.2	8936.8	8967.9	8992.2	8998.6	9032.9	9051.4	9004.6
10°	9023.0	9020.3	8964.8	9025.1	8964.8	9020.3	9023.0	9041.6	9085.4	9116.3	9062.8
7.5°	9004.1	9005.9	8982.2	9041.1	8982.2	9005.9	9004.1	9053.4	9083.5	9101.4	9046.9
5°	9016.6	8976.0	8991.4	9025.1	8991.4	8976.0	9016.6	9021.4	9050.7	9072.3	9040.2
2.5°	8981.7	8977.5	8947.6	8971.2	8947.6	8977.5	8981.7	9000.6	9017.7	9027.2	9027.4
0°	8955.2	8933.2	8933.2	8953.2	8933.2	8933.2	8955.2	8989.2	9019.1	9045.1	9055.1
-2.5°	9002.5	8997.9	8995.0	8981.2	8995.0	8997.9	9002.5	9017.7	9032.6	9045.3	9050.0
-5°	9041.3	9029.4	8996.7	9041.1	8996.7	9029.4	9041.3	9058.0	9083.0	9100.7	9095.6
-7.5°	9083.1	9052.7	9021.7	9091.1	9021.7	9052.7	9083.1	9096.4	9126.2	9149.9	9147.7
-10°	9121.2	9077.4	9047.1	9115.0	9047.1	9077.4	9121.2	9151.9	9177.4	9199.9	9204.1
-12.5°	9171.6	9120.4	9100.2	9137.0	9100.2	9120.4	9171.6	9207.2	9234.8	9251.6	9245.0
-15°	9225.5	9190.0	9185.2	9206.9	9185.2	9190.0	9225.5	9262.6	9284.4	9298.2	9273.5
-17.5°	9272.7	9247.8	9260.1	9284.8	9260.1	9247.8	9272.7	9303.0	9321.1	9326.6	9292.9
-20°	9295.2	9281.3	9295.2	9356.7	9295.2	9281.3	9295.2	9314.6	9326.8	9323.7	9274.8



REPORT NUMBER: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9293.3	9294.2	9318.7	9338.8	9318.7	9294.2	9293.3	9303.7	9302.7	9287.4	9205.2
-25°	9257.8	9276.5	9304.6	9344.8	9304.6	9276.5	9257.8	9256.9	9244.6	9204.8	9121.5
-27.5°	9172.3	9203.4	9232.7	9274.8	9232.7	9203.4	9172.3	9160.4	9138.4	9083.7	9015.9
-30°	9048.7	9085.6	9111.7	9157.0	9111.7	9085.6	9048.7	9026.1	8991.9	8929.3	8827.1
-32.5°	8898.2	8940.0	8970.9	9003.2	8970.9	8940.0	8898.2	8863.8	8827.2	8755.0	8614.0
-35°	8710.1	8755.1	8788.0	8817.4	8788.0	8755.1	8710.1	8664.8	8619.0	8557.0	8396.4
-37.5°	8484.1	8532.6	8570.0	8603.6	8570.0	8532.6	8484.1	8429.8	8381.5	8321.3	8165.4
-40°	8220.8	8270.5	8310.5	8348.0	8310.5	8270.5	8220.8	8158.7	8104.0	8033.8	7898.5
-42.5°	7912.9	7963.2	8004.4	8042.3	8004.4	7963.2	7912.9	7846.8	7779.7	7695.1	7578.1
-45°	7557.4	7609.1	7652.7	7692.7	7652.7	7609.1	7557.4	7488.3	7402.6	7292.4	7153.2
-47.5°	7147.9	7203.2	7240.6	7259.3	7240.6	7203.2	7147.9	7074.5	6975.0	6846.1	6693.4
-50°	6678.6	6733.9	6778.7	6811.8	6778.7	6733.9	6678.6	6605.5	6504.7	6365.0	6203.4
-52.5°	6162.0	6214.6	6253.1	6276.4	6253.1	6214.6	6162.0	6090.8	5993.3	5843.9	5673.5
-55°	5596.3	5651.4	5688.0	5705.1	5688.0	5651.4	5596.3	5522.8	5429.3	5277.2	5109.4
-57.5°	4954.7	5007.1	5046.0	5067.9	5046.0	5007.1	4954.7	4883.3	4793.2	4650.0	4488.6
-60°	4245.0	4291.8	4321.3	4332.8	4321.3	4291.8	4245.0	4179.6	4095.6	3969.8	3821.4
-62.5°	3519.0	3563.3	3590.9	3601.7	3590.9	3563.3	3519.0	3459.6	3386.0	3282.9	3159.0
-65°	2801.2	2829.0	2844.4	2846.6	2844.4	2829.0	2801.2	2759.4	2703.4	2624.3	2528.0
-67.5°	2161.1	2182.2	2195.1	2199.4	2195.1	2182.2	2161.1	2131.9	2094.9	2048.1	1989.2
-70°	1695.7	1710.3	1718.5	1719.9	1718.5	1710.3	1695.7	1673.8	1644.4	1605.2	1557.1
-72.5°	1264.3	1274.7	1271.1	1262.5	1271.1	1274.7	1264.3	1249.5	1230.3	1208.2	1185.5
-75°	986.3	997.7	992.9	984.8	992.9	997.7	986.3	972.5	956.5	938.4	917.9
-77.5°	787.9	798.3	793.2	785.1	793.2	798.3	787.9	775.5	761.3	745.3	726.6
-80°	562.6	568.8	573.1	575.3	573.1	568.8	562.6	554.9	546.0	536.4	529.0
-82.5°	288.0	279.6	274.2	267.7	274.2	279.6	288.0	295.0	300.2	303.7	305.4
-85°	81.4	79.5	80.8	81.9	80.8	79.5	81.4	83.1	84.4	85.5	92.5
-87.5°	23.3	23.9	24.0	24.0	24.0	23.9	23.3	22.6	22.0	21.3	21.5
-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: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-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°	0.9	1.4	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
85°	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
70°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2
67.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.5
65°	2.5	2.4	2.5	2.8	2.9	2.7	2.8	2.9	2.9	2.7	2.6
62.5°	4.0	4.2	4.3	4.4	4.5	5.7	5.0	5.1	4.7	5.7	7.8
60°	9.6	7.6	11.4	12.6	10.8	18.5	31.3	28.2	8.4	45.3	52.2
57.5°	132.2	109.8	229.9	229.2	96.0	129.7	173.6	114.4	74.8	128.1	169.3
55°	921.8	844.2	734.0	722.2	760.4	577.7	483.0	464.8	363.8	236.5	281.0
52.5°	1299.5	1222.1	1146.9	1076.9	1019.5	958.1	867.8	770.2	739.0	595.0	458.9
50°	1470.4	1545.6	1471.6	1290.6	1322.7	1235.4	1108.2	1004.4	1025.7	937.6	756.0
47.5°	1994.1	2085.7	2088.0	1980.1	1859.9	1822.9	1636.3	1312.2	1334.0	1330.2	1137.8
45°	2919.5	2791.4	2839.2	2687.5	2475.2	2358.0	2351.6	2004.9	1683.9	1631.7	1613.0
42.5°	3426.6	3331.8	3233.7	3120.6	2932.9	2745.8	2630.3	2435.2	2177.1	1948.6	1867.5
40°	3631.7	3521.2	3429.6	3336.0	3184.8	2993.1	2900.1	2644.1	2450.0	2252.2	2186.3
37.5°	3879.5	3669.9	3751.7	3574.5	3434.2	3387.5	3315.4	3048.9	2618.8	2582.7	2549.3
35°	4432.8	4236.9	4425.5	4392.1	3833.6	3895.7	3943.7	3616.2	3165.9	2921.8	2927.1
32.5°	5695.4	5243.6	5105.7	5274.6	4981.0	4493.6	4500.7	4401.0	3786.4	3431.1	3275.6
30°	6152.5	5951.8	5734.4	5705.2	5486.5	5204.6	5025.5	4785.8	4338.5	3933.0	3666.6
27.5°	6349.7	6167.6	5984.6	5843.5	5716.9	5525.6	5291.9	5010.3	4692.1	4328.8	4069.9
25°	6490.5	6286.6	6128.7	5972.8	5836.6	5691.7	5453.1	5178.8	4881.9	4589.0	4311.0
22.5°	6603.5	6413.5	6243.7	6075.9	5965.4	5809.6	5595.1	5311.9	5112.6	4926.4	4565.0
20°	6727.2	6544.0	6352.8	6360.8	6198.1	5938.0	5731.8	5590.9	5563.5	5354.0	4887.5
17.5°	7264.3	6760.6	6854.2	7031.7	6673.2	6201.1	6127.5	6135.4	6048.8	5854.0	5273.8
15°	8414.6	7687.1	7693.5	7815.8	7427.2	6847.2	6713.3	6696.9	6560.7	6345.1	5681.8
12.5°	8776.9	8533.9	8489.2	8307.4	7925.8	7492.3	7333.8	7247.8	6997.7	6580.8	5975.4
10°	8899.3	8758.6	8571.5	8388.1	8156.4	7982.3	7756.5	7444.0	7089.0	6687.0	6194.1
7.5°	8913.8	8767.8	8617.1	8442.4	8239.2	8034.8	7811.5	7500.9	7157.7	6763.4	6348.3
5°	8905.3	8759.7	8620.1	8453.1	8246.9	8048.7	7846.5	7539.3	7204.1	6813.3	6449.5
2.5°	8883.6	8736.3	8603.2	8451.6	8246.3	8055.3	7868.1	7580.6	7237.3	6854.4	6483.4
0°	8915.3	8769.4	8643.6	8473.8	8288.0	8066.3	7878.5	7622.8	7253.3	6881.7	6496.2
-2.5°	8928.9	8778.1	8662.9	8471.5	8317.5	8091.2	7901.0	7653.9	7283.5	6929.9	6527.1
-5°	9001.0	8851.2	8700.5	8508.6	8346.7	8134.9	7921.0	7666.6	7306.1	6956.1	6541.0
-7.5°	9048.3	8896.4	8721.1	8535.0	8372.3	8170.4	7933.2	7667.8	7326.9	6955.7	6547.7
-10°	9078.0	8919.2	8746.1	8555.5	8387.4	8179.5	7929.1	7661.2	7322.7	6939.4	6533.0
-12.5°	9119.7	8940.9	8762.7	8546.3	8377.8	8164.3	7914.2	7645.9	7291.3	6909.0	6495.6
-15°	9135.2	8951.6	8743.3	8531.2	8347.1	8139.5	7881.2	7600.6	7236.6	6862.1	6434.5
-17.5°	9141.7	8932.8	8710.8	8507.3	8308.9	8088.7	7816.2	7517.7	7166.3	6779.5	6353.9
-20°	9136.6	8893.6	8664.9	8443.4	8235.5	8011.9	7730.7	7435.1	7065.9	6672.4	6249.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9043.4	8823.3	8591.8	8351.6	8147.2	7910.1	7634.8	7328.8	6935.5	6554.8	6116.8
-25°	8940.8	8718.4	8479.3	8255.9	8038.2	7802.7	7519.7	7172.9	6799.2	6403.3	5955.6
-27.5°	8819.5	8585.8	8338.8	8111.4	7881.5	7649.5	7357.1	7007.7	6647.9	6215.1	5780.5
-30°	8655.7	8414.5	8162.6	7902.6	7692.3	7455.9	7166.7	6827.3	6441.0	6013.7	5600.0
-32.5°	8433.3	8206.3	7954.5	7707.4	7487.8	7239.7	6947.8	6610.9	6205.4	5801.2	5370.8
-35°	8207.2	7972.1	7732.1	7499.4	7268.2	7008.3	6710.3	6343.6	5956.1	5555.7	5109.1
-37.5°	7949.2	7704.3	7478.7	7257.6	7019.0	6752.7	6423.9	6069.6	5691.8	5251.5	4826.5
-40°	7671.9	7436.0	7189.7	6971.0	6716.6	6448.0	6130.2	5785.9	5370.3	4935.2	4535.7
-42.5°	7342.6	7106.9	6853.3	6609.9	6362.7	6107.3	5820.2	5447.6	5035.8	4625.4	4210.5
-45°	6945.1	6709.2	6459.9	6209.0	5977.7	5729.4	5462.3	5065.1	4658.4	4267.2	3869.1
-47.5°	6497.7	6269.2	6028.6	5779.8	5559.8	5310.5	4985.2	4615.6	4255.7	3883.5	3476.0
-50°	6012.0	5794.4	5572.0	5341.1	5093.9	4812.8	4500.6	4178.2	3821.7	3439.6	3067.3
-52.5°	5481.0	5281.9	5071.9	4850.0	4594.9	4315.9	4023.4	3681.0	3325.4	3001.1	2662.5
-55°	4926.8	4730.3	4522.7	4301.0	4063.1	3787.2	3484.1	3172.7	2882.4	2582.4	2324.1
-57.5°	4313.7	4127.4	3929.7	3720.5	3500.8	3244.1	2978.2	2714.0	2484.1	2251.0	2016.6
-60°	3658.4	3484.6	3316.3	3130.8	2928.0	2707.0	2513.2	2318.3	2123.3	1937.2	1748.4
-62.5°	3023.8	2878.2	2727.0	2576.6	2422.4	2262.9	2102.2	1951.8	1797.9	1640.2	1501.3
-65°	2423.9	2313.3	2194.0	2089.8	1980.5	1865.1	1736.0	1618.0	1506.2	1390.6	1272.4
-67.5°	1920.4	1841.4	1757.2	1675.0	1600.0	1520.2	1429.5	1334.0	1245.4	1159.8	1072.8
-70°	1506.5	1454.2	1399.5	1339.5	1279.6	1219.5	1152.7	1082.5	1011.4	947.3	885.9
-72.5°	1156.3	1120.1	1078.5	1035.4	989.3	948.4	902.8	855.4	807.2	758.6	712.2
-75°	894.7	868.5	840.0	807.7	768.7	722.6	688.3	665.2	636.1	600.7	562.1
-77.5°	707.6	688.6	668.1	640.6	612.1	582.6	553.5	524.9	496.6	469.8	445.3
-80°	520.6	511.6	500.3	477.5	454.7	432.0	410.3	392.8	376.2	358.0	335.7
-82.5°	305.7	304.6	301.4	288.6	275.8	263.2	250.9	238.5	225.5	211.8	198.0
-85°	98.7	104.1	108.5	110.7	111.9	112.3	111.6	108.4	104.6	100.3	95.6
-87.5°	21.6	21.7	21.8	22.6	23.4	24.0	24.6	25.8	26.8	27.7	28.3
-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: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-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°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	1.0	1.0	1.1
85°	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.7	1.9	2.1	2.1
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.2
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.6	3.1	3.5
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.6	3.1	3.6
75°	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.2	2.6	3.1	3.6
72.5°	2.0	2.0	2.0	2.2	2.5	2.6	2.3	2.2	2.7	3.2	3.7
70°	2.3	2.1	2.0	2.3	2.8	3.2	3.1	3.2	2.8	3.2	3.7
67.5°	2.9	3.0	2.8	2.7	2.9	3.4	3.9	4.5	4.4	3.3	3.8
65°	3.1	3.5	4.2	5.7	5.0	3.5	3.9	7.8	6.2	5.3	3.8
62.5°	6.6	3.7	12.6	16.9	9.5	7.5	6.0	17.4	10.9	7.4	5.3
60°	15.7	12.9	35.2	56.4	39.4	13.3	19.5	30.2	27.7	9.6	7.5
57.5°	146.5	50.4	73.0	105.6	103.7	56.3	41.0	54.8	47.1	27.2	10.7
55°	312.8	263.2	173.8	159.1	171.9	138.8	90.3	88.6	72.7	50.4	17.2
52.5°	429.1	447.8	389.7	272.3	237.1	225.9	176.5	128.6	114.1	75.6	43.8
50°	621.1	578.4	572.6	480.7	332.4	300.9	260.5	200.8	160.2	108.2	74.0
47.5°	877.4	770.7	714.2	672.8	530.4	383.6	341.7	274.7	210.9	155.9	105.6
45°	1253.8	996.2	886.8	819.8	726.9	539.5	427.6	346.4	274.9	209.2	138.7
42.5°	1631.8	1288.0	1083.9	975.7	879.0	715.5	519.4	429.0	337.2	263.5	180.6
40°	1965.5	1588.9	1291.1	1152.0	1028.4	885.5	668.2	517.5	398.3	319.5	228.4
37.5°	2367.3	1931.5	1529.5	1336.7	1187.7	1027.6	819.2	609.9	471.8	378.1	276.3
35°	2755.9	2375.0	1796.3	1559.9	1364.9	1173.2	964.5	719.1	562.0	437.7	324.1
32.5°	3173.2	2792.2	2199.3	1809.1	1548.3	1322.1	1100.5	851.9	652.7	498.0	371.8
30°	3501.7	3066.7	2552.9	2058.5	1747.9	1488.2	1236.2	979.3	743.6	558.9	419.9
27.5°	3675.8	3304.3	2831.9	2336.5	1972.5	1658.5	1376.0	1101.1	834.4	625.8	470.0
25°	3855.9	3471.7	3031.4	2579.6	2194.3	1838.7	1515.3	1217.2	933.6	701.2	519.6
22.5°	4071.4	3613.9	3199.6	2772.2	2423.1	2021.5	1661.3	1334.7	1032.7	775.2	568.3
20°	4287.7	3746.1	3365.6	3034.3	2647.5	2219.2	1813.9	1449.4	1126.2	847.3	616.1
17.5°	4514.8	3986.0	3647.4	3290.0	2871.3	2410.8	1964.3	1560.5	1214.0	917.0	662.4
15°	4910.0	4345.3	3931.2	3538.9	3093.9	2595.0	2111.1	1667.2	1295.8	984.0	705.5
12.5°	5268.8	4679.8	4215.2	3779.6	3312.9	2770.8	2252.7	1768.8	1371.6	1037.5	744.0
10°	5565.8	4989.9	4496.0	4010.6	3525.4	2936.7	2387.6	1851.5	1417.1	1077.3	779.3
7.5°	5808.9	5276.6	4769.8	4230.4	3708.0	3045.1	2455.7	1899.7	1452.4	1111.3	811.6
5°	5984.7	5467.8	4915.2	4307.0	3765.0	3089.7	2501.9	1939.0	1480.8	1139.6	840.7
2.5°	6035.3	5526.6	4969.8	4348.9	3803.7	3118.5	2534.9	1969.0	1502.7	1162.6	866.4
0°	6064.7	5565.3	5004.0	4374.7	3823.4	3132.2	2554.9	1989.6	1518.2	1180.6	888.9
-2.5°	6105.9	5598.6	5037.0	4441.0	3836.5	3174.1	2566.2	2003.0	1537.8	1187.1	902.0
-5°	6126.5	5611.7	5052.8	4485.6	3833.1	3199.1	2564.8	2007.3	1550.5	1189.3	911.6
-7.5°	6117.4	5607.3	5053.5	4499.6	3815.7	3204.9	2550.8	2002.8	1555.7	1187.6	917.6
-10°	6089.8	5584.5	5034.1	4463.4	3799.8	3182.3	2526.0	1990.1	1552.6	1182.5	919.8
-12.5°	6047.9	5542.0	4994.7	4411.5	3766.5	3135.6	2496.8	1968.3	1540.0	1174.3	918.3
-15°	5993.5	5480.2	4934.7	4345.4	3711.8	3073.4	2452.8	1936.6	1515.6	1165.1	912.9
-17.5°	5923.6	5399.6	4854.0	4267.1	3634.7	2996.5	2393.8	1895.3	1485.1	1153.7	901.9
-20°	5799.0	5291.3	4751.4	4178.0	3534.7	2905.3	2319.4	1844.5	1448.8	1137.6	886.2



REPORT NUMBER: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5658.9	5157.3	4623.5	4057.8	3414.3	2800.4	2229.4	1784.1	1406.8	1116.6	867.3
-25°	5509.5	5006.4	4474.9	3891.5	3281.1	2689.6	2139.3	1714.2	1359.6	1090.7	845.4
-27.5°	5334.0	4835.4	4306.5	3708.3	3126.6	2561.0	2053.0	1652.2	1313.9	1059.7	820.5
-30°	5136.7	4634.5	4095.9	3512.9	2957.2	2412.2	1956.2	1586.1	1275.3	1025.9	792.8
-32.5°	4910.6	4413.1	3862.6	3312.8	2778.3	2254.4	1849.3	1515.3	1230.6	990.1	767.1
-35°	4653.4	4155.5	3615.4	3098.0	2588.6	2127.0	1744.8	1440.2	1180.0	951.3	740.1
-37.5°	4385.4	3878.9	3368.1	2873.7	2387.1	1989.0	1650.8	1366.1	1123.4	909.7	710.2
-40°	4079.3	3594.4	3108.7	2642.7	2212.5	1840.9	1549.0	1292.9	1070.0	865.5	677.5
-42.5°	3764.0	3296.0	2838.0	2398.1	2040.3	1720.2	1442.5	1214.1	1013.5	822.8	642.1
-45°	3424.1	2980.9	2550.2	2192.0	1865.2	1592.5	1349.3	1132.4	953.3	779.1	605.4
-47.5°	3065.5	2648.8	2288.6	1977.3	1716.2	1464.1	1250.1	1061.7	890.1	732.3	568.8
-50°	2685.7	2339.5	2047.6	1790.7	1555.7	1348.5	1151.2	987.7	832.2	680.5	530.3
-52.5°	2349.1	2071.7	1830.2	1610.3	1414.2	1227.0	1066.0	911.8	772.5	631.0	490.1
-55°	2060.7	1833.3	1629.5	1446.5	1273.9	1122.7	977.6	844.4	711.2	581.4	449.4
-57.5°	1811.7	1613.0	1449.8	1290.9	1148.3	1019.4	897.0	775.6	652.4	530.0	417.1
-60°	1572.4	1424.1	1278.9	1151.1	1030.4	921.0	821.1	706.8	593.0	478.5	381.3
-62.5°	1365.7	1239.1	1129.3	1017.9	917.7	828.5	744.5	639.4	532.0	431.0	342.5
-65°	1172.0	1074.8	981.3	892.4	809.3	733.7	665.7	570.4	470.7	380.6	302.1
-67.5°	988.1	914.8	841.4	766.9	701.4	640.2	582.1	495.9	406.8	327.5	262.1
-70°	823.8	761.2	703.7	648.3	595.2	544.2	489.3	416.6	340.0	280.0	221.2
-72.5°	668.6	622.9	575.1	529.6	490.4	445.6	395.1	338.4	284.7	231.6	179.3
-75°	525.1	494.9	461.3	425.1	388.5	348.5	315.1	275.5	228.6	182.3	144.5
-77.5°	420.1	390.7	357.0	328.1	303.6	276.2	246.0	211.5	174.4	141.8	111.7
-80°	309.9	287.4	268.3	251.7	229.0	204.1	178.9	153.9	126.8	101.5	78.2
-82.5°	189.0	184.1	178.8	171.1	152.2	133.7	115.5	97.6	78.4	60.6	50.2
-85°	94.6	92.6	89.8	85.8	74.1	62.8	57.6	52.2	45.7	39.5	33.6
-87.5°	31.1	33.4	35.3	36.6	34.1	31.4	28.8	26.1	22.9	19.8	16.8
-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: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-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°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
85°	2.1	1.7	1.4	1.0	0.7	0.4	0.0
82.5°	3.1	2.6	2.1	1.6	1.0	0.7	0.0
80°	4.0	3.4	2.8	2.1	1.4	0.9	0.0
77.5°	4.0	4.0	3.4	2.6	1.7	1.1	0.0
75°	4.1	4.2	4.0	3.1	2.1	1.3	0.0
72.5°	4.1	4.3	4.2	3.6	2.5	1.5	0.0
70°	4.2	4.5	4.4	4.0	2.8	1.7	0.0
67.5°	4.7	4.6	4.6	4.2	3.2	1.9	0.0
65°	5.4	5.3	4.8	4.4	3.5	2.2	0.0
62.5°	6.3	6.6	5.0	4.6	3.9	2.4	0.0
60°	7.4	8.0	5.3	4.8	4.3	2.6	0.0
57.5°	13.7	9.6	6.8	5.1	4.5	2.8	0.0
55°	21.8	11.4	8.5	5.3	4.7	3.0	0.0
52.5°	31.3	14.6	10.2	5.5	4.9	3.2	0.0
50°	42.2	24.8	12.0	5.7	5.2	3.4	0.0
47.5°	56.7	35.9	14.0	6.2	5.4	3.6	0.0
45°	85.5	47.7	15.9	7.8	5.7	3.7	0.0
42.5°	115.0	60.3	18.0	9.3	5.9	3.9	0.0
40°	145.2	73.6	24.2	11.2	6.2	4.1	0.0
37.5°	175.9	87.6	34.7	13.6	6.4	4.3	0.0
35°	207.2	108.8	45.3	16.3	6.7	4.4	0.0
32.5°	241.0	133.4	56.0	19.2	6.9	4.6	0.0
30°	279.7	157.9	66.8	22.4	7.2	4.8	0.0
27.5°	317.7	182.0	80.1	25.8	7.5	4.9	0.0
25°	354.8	205.7	93.8	29.3	7.7	5.1	0.0
22.5°	390.7	230.0	107.4	33.0	8.0	5.2	0.0
20°	425.5	256.0	120.9	36.8	8.2	5.3	0.0
17.5°	459.9	281.1	134.2	40.7	8.5	5.4	0.0
15°	492.9	305.3	147.1	44.6	8.7	5.5	0.0
12.5°	523.8	328.4	159.6	48.5	9.0	5.6	0.0
10°	552.5	350.1	171.6	52.3	9.2	5.7	0.0
7.5°	578.8	370.5	182.9	56.0	9.4	5.8	0.0
5°	602.8	389.3	193.4	59.5	9.6	5.9	0.0
2.5°	624.3	406.3	203.1	62.9	9.8	6.0	0.0
0°	643.2	421.5	211.7	65.9	10.0	6.0	0.0
-2.5°	652.6	431.1	219.8	70.2	11.6	6.3	0.0
-5°	659.5	438.7	226.6	74.1	13.1	6.7	0.0
-7.5°	663.9	444.2	232.2	77.7	14.6	7.0	0.0
-10°	665.9	447.7	236.4	80.7	16.0	7.3	0.0
-12.5°	665.5	449.1	239.3	83.3	17.4	7.5	0.0
-15°	662.9	448.4	240.6	85.4	18.7	7.8	0.0
-17.5°	658.1	445.7	240.5	86.9	19.9	8.0	0.0
-20°	650.6	441.0	238.7	87.7	21.0	8.2	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645521 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	639.7	434.3	235.4	88.0	22.0	8.4	0.0
-25°	626.3	423.8	230.4	87.6	22.9	8.5	0.0
-27.5°	610.4	410.8	223.6	86.5	23.6	8.6	0.0
-30°	592.0	396.0	215.2	84.7	24.2	8.7	0.0
-32.5°	571.1	379.4	205.5	82.2	24.7	8.7	0.0
-35°	548.5	361.1	194.6	79.0	25.0	8.7	0.0
-37.5°	524.2	342.8	182.6	75.1	25.2	8.6	0.0
-40°	498.1	326.1	169.5	70.4	25.2	8.5	0.0
-42.5°	470.1	308.3	159.6	65.3	25.1	8.4	0.0
-45°	440.4	289.3	152.9	60.2	24.8	8.2	0.0
-47.5°	409.0	269.2	144.9	54.4	24.4	8.0	0.0
-50°	382.7	248.1	135.7	52.4	23.8	7.8	0.0
-52.5°	356.4	225.9	125.4	51.4	23.0	7.5	0.0
-55°	329.1	209.2	113.9	49.8	22.1	7.2	0.0
-57.5°	300.8	192.2	101.3	47.6	21.0	6.8	0.0
-60°	272.1	173.6	88.2	45.0	19.8	6.5	0.0
-62.5°	245.8	153.6	81.9	41.8	18.6	6.0	0.0
-65°	217.7	132.1	74.8	38.1	17.3	5.6	0.0
-67.5°	187.8	114.2	66.8	34.0	15.9	5.1	0.0
-70°	156.2	100.0	58.1	29.5	14.4	4.6	0.0
-72.5°	132.1	84.6	48.7	26.0	12.8	4.1	0.0
-75°	108.0	68.3	38.8	22.6	11.1	3.6	0.0
-77.5°	82.7	51.3	32.1	19.0	9.3	3.0	0.0
-80°	56.4	39.1	25.9	15.4	7.5	2.4	0.0
-82.5°	41.4	29.5	19.6	11.6	5.7	1.8	0.0
-85°	27.8	19.8	13.1	7.8	3.8	1.2	0.0
-87.5°	13.9	9.9	6.6	3.9	1.9	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)