

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: P645522 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645522 (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-SA5C-750-U-LAM-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, LAMBERTIAN  
Light Source: (80) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

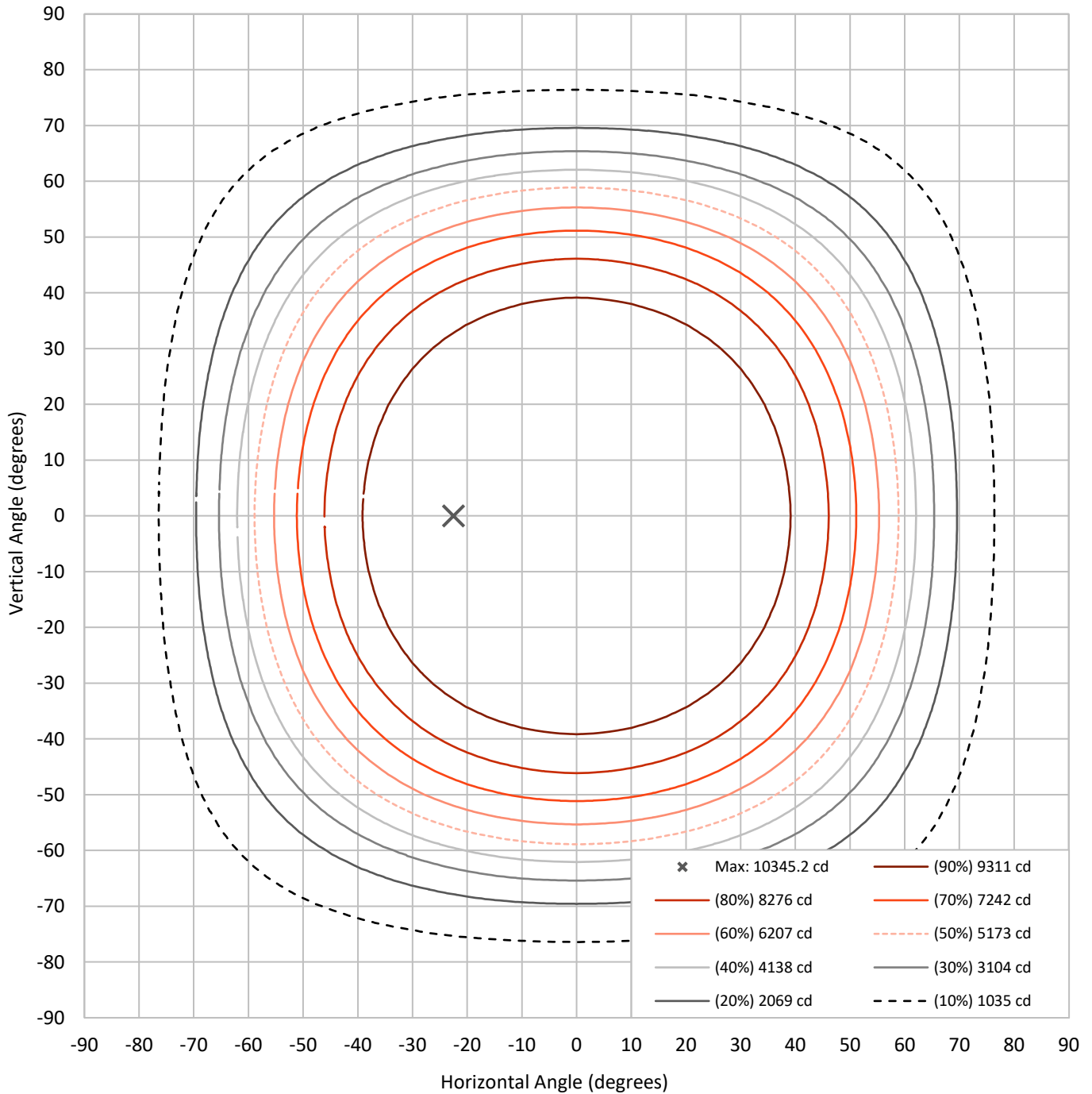
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	31646.5 lumens	Max Intensity:	10345.2 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	153.5 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:	26336.8 lumens	Field Lumens:	31024.1 lumens
Beam Efficiency:	83.2%	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		



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CATALOG NUMBER: GFLD-SA5C-750-U-LAM-XX

### Iso-Candela Plot





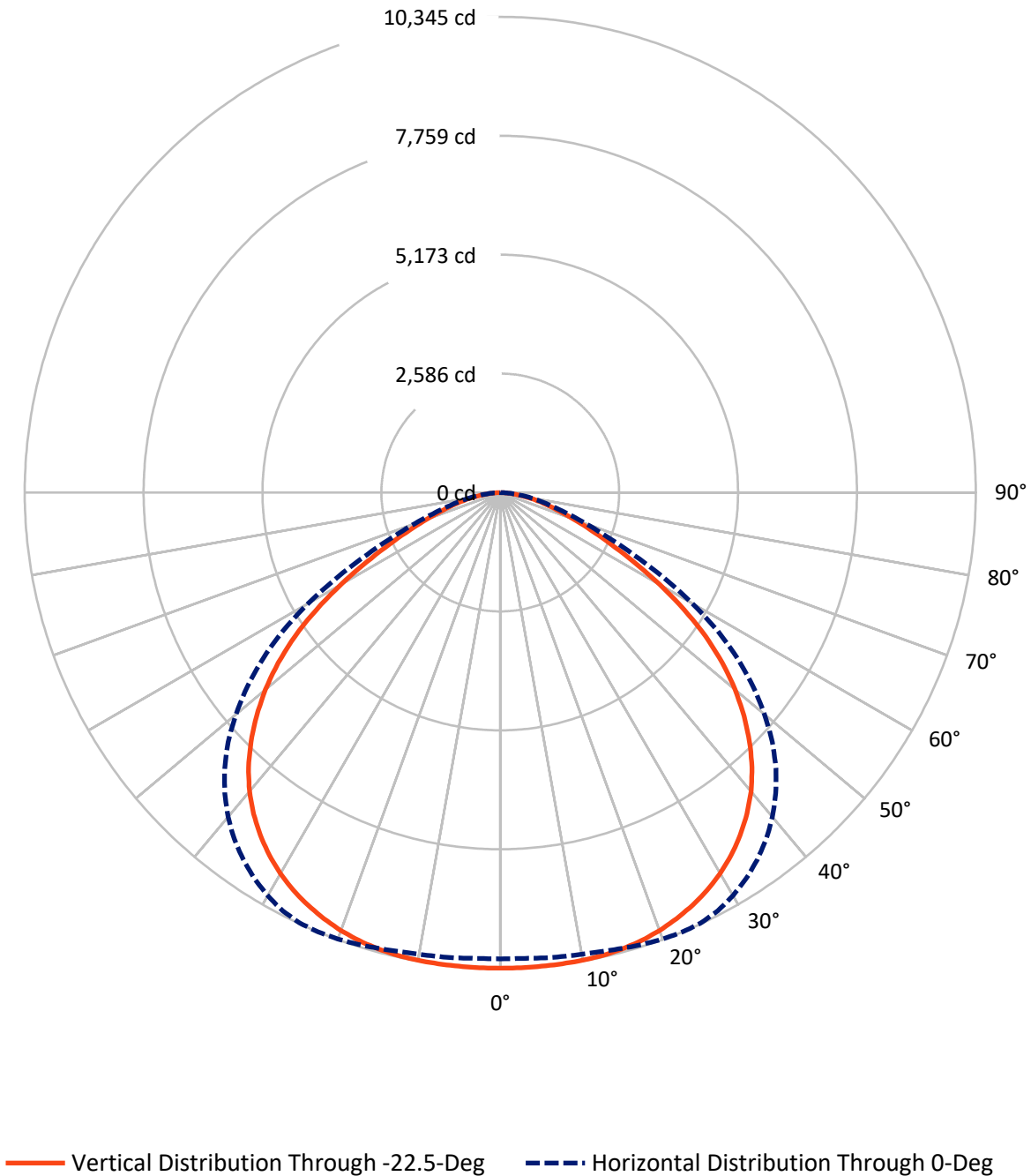
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### Lumen Table

90																			
80	1.6	16.4	46.4	77.1	90.3	77.1	46.4	16.4	1.6										
70																			
60	7.8	9.2	19.2	33.6	52.0	71.8	88.7	98.2	98.2	88.7	71.8	52.0	33.6	19.2	9.2				7.8
50																			
40	14.8	14.3	32.8	63.6	104.0	143.1	172.3	187.8	187.8	172.3	143.1	104.0	63.6	32.8	14.3				14.8
30																			
20	20.2	20.4	51.9	103.4	158.5	204.7	237.2	254.0	254.0	237.2	204.7	158.5	103.4	51.9	20.4				20.2
10																			
0	22.4	27.4	73.4	137.1	197.1	245.0	277.2	293.3	293.3	277.2	245.0	197.1	137.1	73.4	27.4				22.4
-10																			
-20	20.2	34.3	91.4	160.1	221.6	268.3	298.1	311.3	311.3	298.1	268.3	221.6	160.1	91.4	34.3				20.2
-30																			
-40	14.8	39.8	103.2	174.2	235.3	279.7	303.3	311.5	311.5	303.3	279.7	235.3	174.2	103.2	39.8				14.8
-50																			
-60	7.8	42.7	109.0	180.8	241.4	283.3	302.0	308.6	308.6	302.0	283.3	241.4	180.8	109.0	42.7				7.8
-70																			
-80	1.6	14.3	32.8	63.6	104.0	143.1	172.3	187.8	187.8	172.3	143.1	104.0	63.6	32.8	14.3				1.6
-90																			

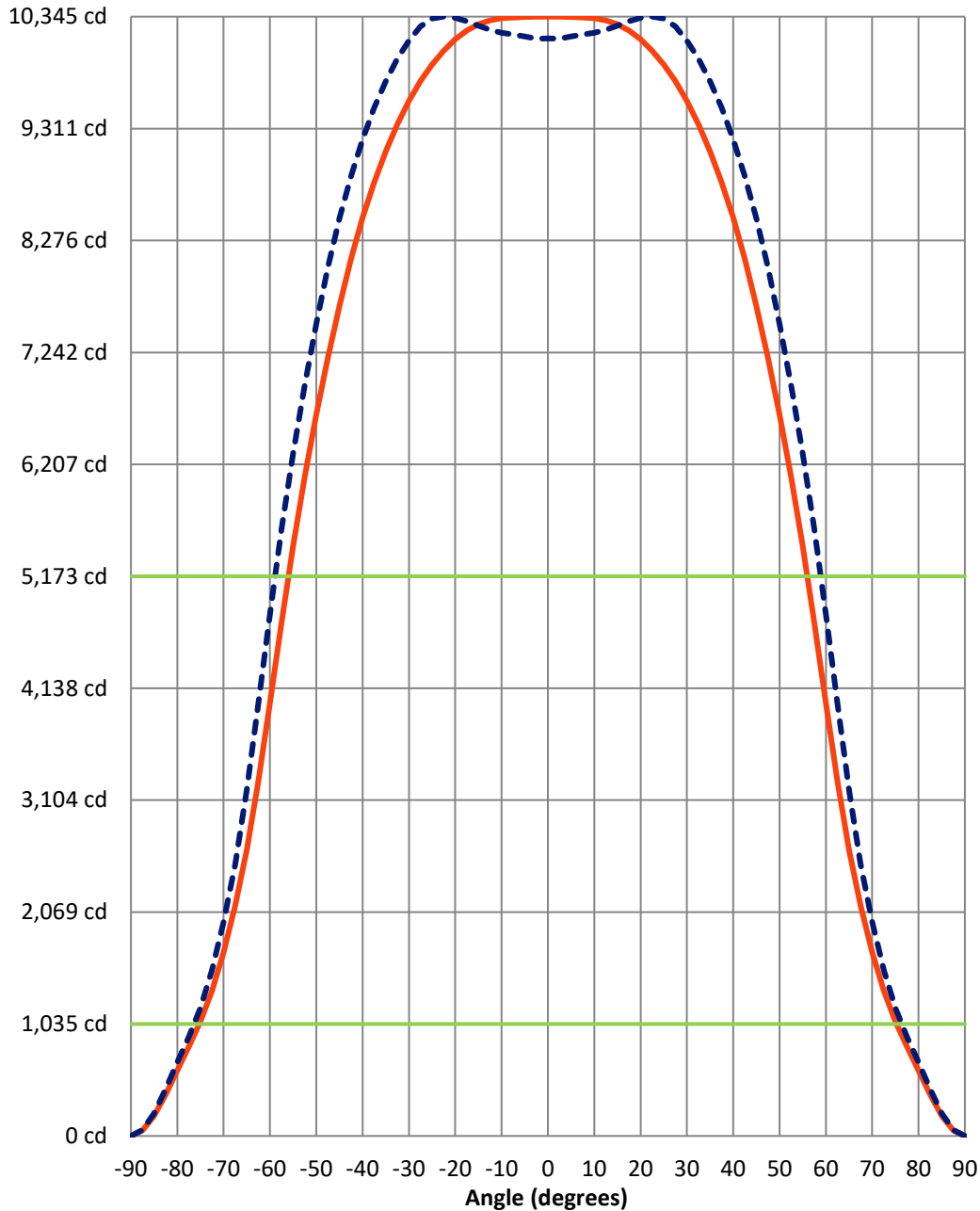
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 117.8°  
 V Angle: 112°  
 Lumens: 26336.8  
 Efficiency: 83.2%

**Field:**  
 H Angle: 152.8°  
 V Angle: 150.5°  
 Lumens: 31024.1  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 622.4  
 Efficiency: 2.0%

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

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Scaled Data Report



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FIELD  
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.5	4.9	7.4	9.8	12.2	14.6	17.0	19.4	21.7	23.9
85°	0.0	4.9	9.9	14.8	19.6	24.5	29.3	34.0	38.7	43.3	47.8
82.5°	0.0	7.4	14.8	22.1	29.4	36.7	43.8	50.9	60.2	79.0	97.4
80°	0.0	9.8	19.6	29.4	39.1	48.8	61.3	87.0	112.3	137.3	161.8
77.5°	0.0	12.2	24.5	36.7	48.8	68.0	100.4	132.4	164.0	195.2	232.8
75°	0.0	14.6	29.3	43.8	61.3	100.4	139.1	177.5	217.5	271.8	325.2
72.5°	0.0	17.0	34.0	50.9	87.0	132.4	177.5	227.4	291.5	354.6	416.8
70°	0.0	19.4	38.7	60.2	112.3	164.0	217.5	291.5	364.5	436.6	514.6
67.5°	0.0	21.7	43.3	79.0	137.3	195.2	271.8	354.6	436.6	525.5	613.0
65°	0.0	23.9	47.8	97.4	161.8	232.8	325.2	416.8	514.6	613.0	708.6
62.5°	0.0	26.1	52.2	115.4	185.8	276.5	377.6	482.1	591.2	698.1	799.4
60°	0.0	28.3	56.5	133.1	209.3	319.2	428.8	547.9	666.3	778.5	888.5
57.5°	0.0	30.4	67.9	150.3	242.2	360.9	483.3	612.1	736.9	857.1	983.6
55°	0.0	32.5	79.1	167.0	274.7	401.6	537.0	674.7	805.1	936.0	1080.1
52.5°	0.0	34.4	89.9	183.3	306.2	441.6	589.1	733.0	871.4	1020.6	1174.1
50°	0.0	36.4	100.4	199.0	336.8	483.7	639.6	789.2	938.2	1102.7	1291.0
47.5°	0.0	38.2	110.5	215.8	366.2	524.3	688.0	843.5	1008.7	1182.1	1407.0
45°	0.0	40.0	120.2	237.0	394.5	563.3	732.7	895.8	1076.6	1282.1	1519.0
42.5°	0.0	41.7	129.5	257.3	421.7	600.7	775.6	949.8	1141.8	1378.7	1651.0
40°	0.0	43.4	138.4	276.7	448.8	636.4	816.6	1004.2	1210.4	1471.2	1781.4
37.5°	0.0	44.9	146.8	295.1	475.9	670.3	855.5	1055.9	1288.4	1565.7	1905.7
35°	0.0	46.4	154.7	312.5	501.5	701.4	892.3	1104.8	1362.2	1671.3	2032.6
32.5°	0.0	47.7	162.2	328.8	525.6	730.2	928.4	1150.9	1431.7	1770.7	2166.0
30°	0.0	49.0	169.2	344.1	548.0	757.1	965.1	1197.2	1496.8	1864.0	2291.1
27.5°	0.0	50.2	175.6	358.3	568.9	782.0	999.3	1249.8	1563.3	1950.6	2407.5
25°	0.0	51.3	181.6	371.3	588.1	805.0	1030.7	1298.3	1633.8	2041.0	2516.3
22.5°	0.0	52.3	187.0	383.2	605.6	825.9	1059.4	1342.5	1698.1	2128.5	2643.3
20°	0.0	53.2	191.9	393.8	621.3	844.8	1085.2	1382.3	1756.2	2207.5	2757.9
17.5°	0.0	54.0	196.2	403.3	635.3	861.5	1108.1	1417.7	1807.7	2277.7	2859.9
15°	0.0	54.7	200.0	411.6	647.4	876.1	1128.1	1448.5	1852.7	2338.9	2948.9
12.5°	0.0	55.3	203.2	418.6	657.8	888.5	1145.1	1474.8	1890.9	2391.0	3024.7
10°	0.0	55.7	205.8	424.3	666.3	898.6	1159.0	1496.3	1922.3	2433.9	3087.1
7.5°	0.0	56.1	207.9	428.8	672.9	906.6	1169.9	1513.1	1946.9	2467.3	3135.7
5°	0.0	56.4	209.3	432.0	677.6	912.2	1177.7	1525.2	1964.4	2491.3	3170.6
2.5°	0.0	56.5	210.2	434.0	680.5	915.7	1182.3	1532.4	1975.0	2505.7	3191.6
0°	0.0	56.6	210.5	434.6	681.4	916.8	1183.9	1534.8	1978.5	2510.5	3198.6
-2.5°	0.0	56.5	210.2	434.0	680.5	915.7	1182.3	1532.4	1975.0	2505.7	3191.6
-5°	0.0	56.4	209.3	432.0	677.6	912.2	1177.7	1525.2	1964.4	2491.3	3170.6
-7.5°	0.0	56.1	207.9	428.8	672.9	906.6	1169.9	1513.1	1946.9	2467.3	3135.7
-10°	0.0	55.7	205.8	424.3	666.3	898.6	1159.0	1496.3	1922.3	2433.9	3087.1
-12.5°	0.0	55.3	203.2	418.6	657.8	888.5	1145.1	1474.8	1890.9	2391.0	3024.7
-15°	0.0	54.7	200.0	411.6	647.4	876.1	1128.1	1448.5	1852.7	2338.9	2948.9
-17.5°	0.0	54.0	196.2	403.3	635.3	861.5	1108.1	1417.7	1807.7	2277.7	2859.9
-20°	0.0	53.2	191.9	393.8	621.3	844.8	1085.2	1382.3	1756.2	2207.5	2757.9



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	52.3	187.0	383.2	605.6	825.9	1059.4	1342.5	1698.1	2128.5	2643.3
-25°	0.0	51.3	181.6	371.3	588.1	805.0	1030.7	1298.3	1633.8	2041.0	2516.3
-27.5°	0.0	50.2	175.6	358.3	568.9	782.0	999.3	1249.8	1563.3	1950.6	2407.5
-30°	0.0	49.0	169.2	344.1	548.0	757.1	965.1	1197.2	1496.8	1864.0	2291.1
-32.5°	0.0	47.7	162.2	328.8	525.6	730.2	928.4	1150.9	1431.7	1770.7	2166.0
-35°	0.0	46.4	154.7	312.5	501.5	701.4	892.3	1104.8	1362.2	1671.3	2032.6
-37.5°	0.0	44.9	146.8	295.1	475.9	670.3	855.5	1055.9	1288.4	1565.7	1905.7
-40°	0.0	43.4	138.4	276.7	448.8	636.4	816.6	1004.2	1210.4	1471.2	1781.4
-42.5°	0.0	41.7	129.5	257.3	421.7	600.7	775.6	949.8	1141.8	1378.7	1651.0
-45°	0.0	40.0	120.2	237.0	394.5	563.3	732.7	895.8	1076.6	1282.1	1519.0
-47.5°	0.0	38.2	110.5	215.8	366.2	524.3	688.0	843.5	1008.7	1182.1	1407.0
-50°	0.0	36.4	100.4	199.0	336.8	483.7	639.6	789.2	938.2	1102.7	1291.0
-52.5°	0.0	34.4	89.9	183.3	306.2	441.6	589.1	733.0	871.4	1020.6	1174.1
-55°	0.0	32.5	79.1	167.0	274.7	401.6	537.0	674.7	805.1	936.0	1080.1
-57.5°	0.0	30.4	67.9	150.3	242.2	360.9	483.3	612.1	736.9	857.1	983.6
-60°	0.0	28.3	56.5	133.1	209.3	319.2	428.8	547.9	666.3	778.5	888.5
-62.5°	0.0	26.1	52.2	115.4	185.8	276.5	377.6	482.1	591.2	698.1	799.4
-65°	0.0	23.9	47.8	97.4	161.8	232.8	325.2	416.8	514.6	613.0	708.6
-67.5°	0.0	21.7	43.3	79.0	137.3	195.2	271.8	354.6	436.6	525.5	613.0
-70°	0.0	19.4	38.7	60.2	112.3	164.0	217.5	291.5	364.5	436.6	514.6
-72.5°	0.0	17.0	34.0	50.9	87.0	132.4	177.5	227.4	291.5	354.6	416.8
-75°	0.0	14.6	29.3	43.8	61.3	100.4	139.1	177.5	217.5	271.8	325.2
-77.5°	0.0	12.2	24.5	36.7	48.8	68.0	100.4	132.4	164.0	195.2	232.8
-80°	0.0	9.8	19.6	29.4	39.1	48.8	61.3	87.0	112.3	137.3	161.8
-82.5°	0.0	7.4	14.8	22.1	29.4	36.7	43.8	50.9	60.2	79.0	97.4
-85°	0.0	4.9	9.9	14.8	19.6	24.5	29.3	34.0	38.7	43.3	47.8
-87.5°	0.0	2.5	4.9	7.4	9.8	12.2	14.6	17.0	19.4	21.7	23.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	26.1	28.3	30.4	32.5	34.4	36.4	38.2	40.0	41.7	43.4	44.9
85°	52.2	56.5	67.9	79.1	89.9	100.4	110.5	120.2	129.5	138.4	146.8
82.5°	115.4	133.1	150.3	167.0	183.3	199.0	215.8	237.0	257.3	276.7	295.1
80°	185.8	209.3	242.2	274.7	306.2	336.8	366.2	394.5	421.7	448.8	475.9
77.5°	276.5	319.2	360.9	401.6	441.6	483.7	524.3	563.3	600.7	636.4	670.3
75°	377.6	428.8	483.3	537.0	589.1	639.6	688.0	732.7	775.6	816.6	855.5
72.5°	482.1	547.9	612.1	674.7	733.0	789.2	843.5	895.8	949.8	1004.2	1055.9
70°	591.2	666.3	736.9	805.1	871.4	938.2	1008.7	1076.6	1141.8	1210.4	1288.4
67.5°	698.1	778.5	857.1	936.0	1020.6	1102.7	1182.1	1282.1	1378.7	1471.2	1565.7
65°	799.4	888.5	983.6	1080.1	1174.1	1291.0	1407.0	1519.0	1651.0	1781.4	1905.7
62.5°	899.0	1007.5	1116.1	1234.1	1370.0	1501.9	1654.9	1811.1	1961.4	2130.7	2295.5
60°	1007.5	1128.1	1265.9	1417.7	1574.0	1756.2	1932.8	2128.5	2325.7	2516.3	2750.1
57.5°	1116.1	1265.9	1433.7	1614.6	1817.4	2022.0	2251.8	2474.2	2740.9	3007.3	3272.4
55°	1234.1	1417.7	1614.6	1837.8	2071.4	2326.4	2592.9	2903.4	3204.0	3538.9	3859.6
52.5°	1370.0	1574.0	1817.4	2071.4	2351.3	2657.9	3001.8	3357.4	3731.9	4095.5	4452.2
50°	1501.9	1756.2	2022.0	2326.4	2657.9	3034.7	3434.6	3848.8	4257.6	4656.5	5030.0
47.5°	1654.9	1932.8	2251.8	2592.9	3001.8	3434.6	3887.9	4339.2	4780.2	5189.4	5581.3
45°	1811.1	2128.5	2474.2	2903.4	3357.4	3848.8	4339.2	4821.7	5269.7	5692.5	6062.4
42.5°	1961.4	2325.7	2740.9	3204.0	3731.9	4257.6	4780.2	5269.7	5728.7	6135.9	6507.4
40°	2130.7	2516.3	3007.3	3538.9	4095.5	4656.5	5189.4	5692.5	6135.9	6541.3	6917.5
37.5°	2295.5	2750.1	3272.4	3859.6	4452.2	5030.0	5581.3	6062.4	6507.4	6917.5	7278.4
35°	2451.9	2972.4	3554.1	4170.5	4792.7	5380.1	5916.6	6406.4	6848.6	7246.6	7615.5
32.5°	2625.9	3182.6	3820.7	4469.2	5102.8	5701.0	6232.9	6712.0	7151.6	7555.7	7922.1
30°	2805.3	3409.2	4073.7	4750.5	5394.2	5979.3	6510.2	6995.4	7431.5	7830.6	8189.8
27.5°	2972.4	3623.0	4315.1	5005.0	5660.3	6240.1	6764.0	7241.6	7680.3	8082.1	8430.2
25°	3126.8	3820.7	4538.5	5238.1	5884.3	6465.5	6994.1	7471.4	7907.5	8293.2	8631.5
22.5°	3279.1	4001.8	4743.3	5451.9	6090.1	6667.0	7190.7	7669.3	8105.7	8487.8	8812.4
20°	3427.3	4170.5	4924.0	5641.5	6276.9	6850.1	7369.8	7847.5	8272.2	8642.1	8965.3
17.5°	3559.1	4320.8	5082.0	5794.5	6430.5	7006.3	7528.2	8007.4	8422.0	8781.3	9097.3
15°	3674.3	4452.2	5220.2	5928.6	6562.6	7136.2	7658.1	8132.1	8543.8	8900.2	9213.9
12.5°	3772.4	4564.3	5338.1	6043.0	6675.5	7247.3	7769.3	8236.7	8641.5	8993.3	9300.3
10°	3853.2	4656.5	5435.3	6137.3	6768.6	7339.1	7861.3	8323.4	8722.6	9070.7	9372.2
7.5°	3916.2	4728.6	5511.3	6211.2	6841.6	7411.0	7933.5	8391.5	8786.3	9131.6	9429.0
5°	3961.4	4780.2	5565.8	6264.2	6893.9	7462.7	7985.4	8440.5	8832.2	9175.6	9470.0
2.5°	3988.6	4811.3	5598.6	6296.1	6925.5	7493.8	8016.7	8470.0	8859.9	9202.1	9494.8
0°	3997.7	4821.7	5609.5	6306.7	6936.0	7504.2	8027.1	8479.9	8869.2	9211.0	9503.1
-2.5°	3988.6	4811.3	5598.6	6296.1	6925.5	7493.8	8016.7	8470.0	8859.9	9202.1	9494.8
-5°	3961.4	4780.2	5565.8	6264.2	6893.9	7462.7	7985.4	8440.5	8832.2	9175.6	9470.0
-7.5°	3916.2	4728.6	5511.3	6211.2	6841.6	7411.0	7933.5	8391.5	8786.3	9131.6	9429.0
-10°	3853.2	4656.5	5435.3	6137.3	6768.6	7339.1	7861.3	8323.4	8722.6	9070.7	9372.2
-12.5°	3772.4	4564.3	5338.1	6043.0	6675.5	7247.3	7769.3	8236.7	8641.5	8993.3	9300.3
-15°	3674.3	4452.2	5220.2	5928.6	6562.6	7136.2	7658.1	8132.1	8543.8	8900.2	9213.9
-17.5°	3559.1	4320.8	5082.0	5794.5	6430.5	7006.3	7528.2	8007.4	8422.0	8781.3	9097.3
-20°	3427.3	4170.5	4924.0	5641.5	6276.9	6850.1	7369.8	7847.5	8272.2	8642.1	8965.3

Classified

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

Scaled Data Report



REPORT NUMBER: P645522 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-750-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°	3279.1	4001.8	4743.3	5451.9	6090.1	6667.0	7190.7	7669.3	8105.7	8487.8	8812.4
-25°	3126.8	3820.7	4538.5	5238.1	5884.3	6465.5	6994.1	7471.4	7907.5	8293.2	8631.5
-27.5°	2972.4	3623.0	4315.1	5005.0	5660.3	6240.1	6764.0	7241.6	7680.3	8082.1	8430.2
-30°	2805.3	3409.2	4073.7	4750.5	5394.2	5979.3	6510.2	6995.4	7431.5	7830.6	8189.8
-32.5°	2625.9	3182.6	3820.7	4469.2	5102.8	5701.0	6232.9	6712.0	7151.6	7555.7	7922.1
-35°	2451.9	2972.4	3554.1	4170.5	4792.7	5380.1	5916.6	6406.4	6848.6	7246.6	7615.5
-37.5°	2295.5	2750.1	3272.4	3859.6	4452.2	5030.0	5581.3	6062.4	6507.4	6917.5	7278.4
-40°	2130.7	2516.3	3007.3	3538.9	4095.5	4656.5	5189.4	5692.5	6135.9	6541.3	6917.5
-42.5°	1961.4	2325.7	2740.9	3204.0	3731.9	4257.6	4780.2	5269.7	5728.7	6135.9	6507.4
-45°	1811.1	2128.5	2474.2	2903.4	3357.4	3848.8	4339.2	4821.7	5269.7	5692.5	6062.4
-47.5°	1654.9	1932.8	2251.8	2592.9	3001.8	3434.6	3887.9	4339.2	4780.2	5189.4	5581.3
-50°	1501.9	1756.2	2022.0	2326.4	2657.9	3034.7	3434.6	3848.8	4257.6	4656.5	5030.0
-52.5°	1370.0	1574.0	1817.4	2071.4	2351.3	2657.9	3001.8	3357.4	3731.9	4095.5	4452.2
-55°	1234.1	1417.7	1614.6	1837.8	2071.4	2326.4	2592.9	2903.4	3204.0	3538.9	3859.6
-57.5°	1116.1	1265.9	1433.7	1614.6	1817.4	2022.0	2251.8	2474.2	2740.9	3007.3	3272.4
-60°	1007.5	1128.1	1265.9	1417.7	1574.0	1756.2	1932.8	2128.5	2325.7	2516.3	2750.1
-62.5°	899.0	1007.5	1116.1	1234.1	1370.0	1501.9	1654.9	1811.1	1961.4	2130.7	2295.5
-65°	799.4	888.5	983.6	1080.1	1174.1	1291.0	1407.0	1519.0	1651.0	1781.4	1905.7
-67.5°	698.1	778.5	857.1	936.0	1020.6	1102.7	1182.1	1282.1	1378.7	1471.2	1565.7
-70°	591.2	666.3	736.9	805.1	871.4	938.2	1008.7	1076.6	1141.8	1210.4	1288.4
-72.5°	482.1	547.9	612.1	674.7	733.0	789.2	843.5	895.8	949.8	1004.2	1055.9
-75°	377.6	428.8	483.3	537.0	589.1	639.6	688.0	732.7	775.6	816.6	855.5
-77.5°	276.5	319.2	360.9	401.6	441.6	483.7	524.3	563.3	600.7	636.4	670.3
-80°	185.8	209.3	242.2	274.7	306.2	336.8	366.2	394.5	421.7	448.8	475.9
-82.5°	115.4	133.1	150.3	167.0	183.3	199.0	215.8	237.0	257.3	276.7	295.1
-85°	52.2	56.5	67.9	79.1	89.9	100.4	110.5	120.2	129.5	138.4	146.8
-87.5°	26.1	28.3	30.4	32.5	34.4	36.4	38.2	40.0	41.7	43.4	44.9
-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: P645522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-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°	46.4	47.7	49.0	50.2	51.3	52.3	53.2	54.0	54.7	55.3	55.7
85°	154.7	162.2	169.2	175.6	181.6	187.0	191.9	196.2	200.0	203.2	205.8
82.5°	312.5	328.8	344.1	358.3	371.3	383.2	393.8	403.3	411.6	418.6	424.3
80°	501.5	525.6	548.0	568.9	588.1	605.6	621.3	635.3	647.4	657.8	666.3
77.5°	701.4	730.2	757.1	782.0	805.0	825.9	844.8	861.5	876.1	888.5	898.6
75°	892.3	928.4	965.1	999.3	1030.7	1059.4	1085.2	1108.1	1128.1	1145.1	1159.0
72.5°	1104.8	1150.9	1197.2	1249.8	1298.3	1342.5	1382.3	1417.7	1448.5	1474.8	1496.3
70°	1362.2	1431.7	1496.8	1563.3	1633.8	1698.1	1756.2	1807.7	1852.7	1890.9	1922.3
67.5°	1671.3	1770.7	1864.0	1950.6	2041.0	2128.5	2207.5	2277.7	2338.9	2391.0	2433.9
65°	2032.6	2166.0	2291.1	2407.5	2516.3	2643.3	2757.9	2859.9	2948.9	3024.7	3087.1
62.5°	2451.9	2625.9	2805.3	2972.4	3126.8	3279.1	3427.3	3559.1	3674.3	3772.4	3853.2
60°	2972.4	3182.6	3409.2	3623.0	3820.7	4001.8	4170.5	4320.8	4452.2	4564.3	4656.5
57.5°	3554.1	3820.7	4073.7	4315.1	4538.5	4743.3	4924.0	5082.0	5220.2	5338.1	5435.3
55°	4170.5	4469.2	4750.5	5005.0	5238.1	5451.9	5641.5	5794.5	5928.6	6043.0	6137.3
52.5°	4792.7	5102.8	5394.2	5660.3	5884.3	6090.1	6276.9	6430.5	6562.6	6675.5	6768.6
50°	5380.1	5701.0	5979.3	6240.1	6465.5	6667.0	6850.1	7006.3	7136.2	7247.3	7339.1
47.5°	5916.6	6232.9	6510.2	6764.0	6994.1	7190.7	7369.8	7528.2	7658.1	7769.3	7861.3
45°	6406.4	6712.0	6995.4	7241.6	7471.4	7669.3	7847.5	8007.4	8132.1	8236.7	8323.4
42.5°	6848.6	7151.6	7431.5	7680.3	7907.5	8105.7	8272.2	8422.0	8543.8	8641.5	8722.6
40°	7246.6	7555.7	7830.6	8082.1	8293.2	8487.8	8642.1	8781.3	8900.2	8993.3	9070.7
37.5°	7615.5	7922.1	8189.8	8430.2	8631.5	8812.4	8965.3	9097.3	9213.9	9300.3	9372.2
35°	7952.9	8244.2	8509.0	8729.3	8928.9	9099.3	9249.7	9371.6	9479.9	9562.2	9627.8
32.5°	8244.2	8533.1	8778.9	8995.8	9190.7	9349.6	9494.0	9605.6	9703.8	9783.0	9844.0
30°	8509.0	8778.9	9018.3	9233.2	9410.8	9565.7	9695.6	9804.5	9895.3	9970.9	10024.5
27.5°	8729.3	8995.8	9233.2	9431.4	9601.3	9750.3	9869.3	9974.2	10053.5	10123.0	10169.1
25°	8928.9	9190.7	9410.8	9601.3	9766.2	9902.3	10015.5	10110.6	10180.8	10240.4	10274.7
22.5°	9099.3	9349.6	9565.7	9750.3	9902.3	10029.5	10136.2	10216.7	10274.2	10310.3	10330.6
20°	9249.7	9494.0	9695.6	9869.3	10015.5	10136.2	10228.8	10288.3	10328.4	10338.3	10344.2
17.5°	9371.6	9605.6	9804.5	9974.2	10110.6	10216.7	10288.3	10330.3	10342.3	10340.2	10334.3
15°	9479.9	9703.8	9895.3	10053.5	10180.8	10274.2	10328.4	10342.3	10338.8	10326.7	10308.1
12.5°	9562.2	9783.0	9970.9	10123.0	10240.4	10310.3	10338.3	10340.2	10326.7	10303.6	10277.0
10°	9627.8	9844.0	10024.5	10169.1	10274.7	10330.6	10344.2	10334.3	10308.1	10277.0	10247.6
7.5°	9679.6	9892.4	10067.1	10205.9	10297.2	10336.8	10339.8	10321.1	10289.7	10254.4	10222.7
5°	9717.2	9927.4	10098.1	10232.8	10313.7	10341.4	10336.6	10310.8	10274.3	10237.5	10208.5
2.5°	9739.9	9948.7	10117.0	10249.1	10323.7	10344.2	10334.6	10304.4	10264.7	10226.7	10199.1
0°	9747.5	9955.8	10123.3	10254.6	10327.1	10345.2	10333.9	10302.2	10261.4	10222.9	10195.8
-2.5°	9739.9	9948.7	10117.0	10249.1	10323.7	10344.2	10334.6	10304.4	10264.7	10226.7	10199.1
-5°	9717.2	9927.4	10098.1	10232.8	10313.7	10341.4	10336.6	10310.8	10274.3	10237.5	10208.5
-7.5°	9679.6	9892.4	10067.1	10205.9	10297.2	10336.8	10339.8	10321.1	10289.7	10254.4	10222.7
-10°	9627.8	9844.0	10024.5	10169.1	10274.7	10330.6	10344.2	10334.3	10308.1	10277.0	10247.6
-12.5°	9562.2	9783.0	9970.9	10123.0	10240.4	10310.3	10338.3	10340.2	10326.7	10303.6	10277.0
-15°	9479.9	9703.8	9895.3	10053.5	10180.8	10274.2	10328.4	10342.3	10338.8	10326.7	10308.1
-17.5°	9371.6	9605.6	9804.5	9974.2	10110.6	10216.7	10288.3	10330.3	10342.3	10340.2	10334.3
-20°	9249.7	9494.0	9695.6	9869.3	10015.5	10136.2	10228.8	10288.3	10328.4	10338.3	10344.2



REPORT NUMBER: P645522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9099.3	9349.6	9565.7	9750.3	9902.3	10029.5	10136.2	10216.7	10274.2	10310.3	10330.6
-25°	8928.9	9190.7	9410.8	9601.3	9766.2	9902.3	10015.5	10110.6	10180.8	10240.4	10274.7
-27.5°	8729.3	8995.8	9233.2	9431.4	9601.3	9750.3	9869.3	9974.2	10053.5	10123.0	10169.1
-30°	8509.0	8778.9	9018.3	9233.2	9410.8	9565.7	9695.6	9804.5	9895.3	9970.9	10024.5
-32.5°	8244.2	8533.1	8778.9	8995.8	9190.7	9349.6	9494.0	9605.6	9703.8	9783.0	9844.0
-35°	7952.9	8244.2	8509.0	8729.3	8928.9	9099.3	9249.7	9371.6	9479.9	9562.2	9627.8
-37.5°	7615.5	7922.1	8189.8	8430.2	8631.5	8812.4	8965.3	9097.3	9213.9	9300.3	9372.2
-40°	7246.6	7555.7	7830.6	8082.1	8293.2	8487.8	8642.1	8781.3	8900.2	8993.3	9070.7
-42.5°	6848.6	7151.6	7431.5	7680.3	7907.5	8105.7	8272.2	8422.0	8543.8	8641.5	8722.6
-45°	6406.4	6712.0	6995.4	7241.6	7471.4	7669.3	7847.5	8007.4	8132.1	8236.7	8323.4
-47.5°	5916.6	6232.9	6510.2	6764.0	6994.1	7190.7	7369.8	7528.2	7658.1	7769.3	7861.3
-50°	5380.1	5701.0	5979.3	6240.1	6465.5	6667.0	6850.1	7006.3	7136.2	7247.3	7339.1
-52.5°	4792.7	5102.8	5394.2	5660.3	5884.3	6090.1	6276.9	6430.5	6562.6	6675.5	6768.6
-55°	4170.5	4469.2	4750.5	5005.0	5238.1	5451.9	5641.5	5794.5	5928.6	6043.0	6137.3
-57.5°	3554.1	3820.7	4073.7	4315.1	4538.5	4743.3	4924.0	5082.0	5220.2	5338.1	5435.3
-60°	2972.4	3182.6	3409.2	3623.0	3820.7	4001.8	4170.5	4320.8	4452.2	4564.3	4656.5
-62.5°	2451.9	2625.9	2805.3	2972.4	3126.8	3279.1	3427.3	3559.1	3674.3	3772.4	3853.2
-65°	2032.6	2166.0	2291.1	2407.5	2516.3	2643.3	2757.9	2859.9	2948.9	3024.7	3087.1
-67.5°	1671.3	1770.7	1864.0	1950.6	2041.0	2128.5	2207.5	2277.7	2338.9	2391.0	2433.9
-70°	1362.2	1431.7	1496.8	1563.3	1633.8	1698.1	1756.2	1807.7	1852.7	1890.9	1922.3
-72.5°	1104.8	1150.9	1197.2	1249.8	1298.3	1342.5	1382.3	1417.7	1448.5	1474.8	1496.3
-75°	892.3	928.4	965.1	999.3	1030.7	1059.4	1085.2	1108.1	1128.1	1145.1	1159.0
-77.5°	701.4	730.2	757.1	782.0	805.0	825.9	844.8	861.5	876.1	888.5	898.6
-80°	501.5	525.6	548.0	568.9	588.1	605.6	621.3	635.3	647.4	657.8	666.3
-82.5°	312.5	328.8	344.1	358.3	371.3	383.2	393.8	403.3	411.6	418.6	424.3
-85°	154.7	162.2	169.2	175.6	181.6	187.0	191.9	196.2	200.0	203.2	205.8
-87.5°	46.4	47.7	49.0	50.2	51.3	52.3	53.2	54.0	54.7	55.3	55.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-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°	56.1	56.4	56.5	56.6	56.5	56.4	56.1	55.7	55.3	54.7	54.0
85°	207.9	209.3	210.2	210.5	210.2	209.3	207.9	205.8	203.2	200.0	196.2
82.5°	428.8	432.0	434.0	434.6	434.0	432.0	428.8	424.3	418.6	411.6	403.3
80°	672.9	677.6	680.5	681.4	680.5	677.6	672.9	666.3	657.8	647.4	635.3
77.5°	906.6	912.2	915.7	916.8	915.7	912.2	906.6	898.6	888.5	876.1	861.5
75°	1169.9	1177.7	1182.3	1183.9	1182.3	1177.7	1169.9	1159.0	1145.1	1128.1	1108.1
72.5°	1513.1	1525.2	1532.4	1534.8	1532.4	1525.2	1513.1	1496.3	1474.8	1448.5	1417.7
70°	1946.9	1964.4	1975.0	1978.5	1975.0	1964.4	1946.9	1922.3	1890.9	1852.7	1807.7
67.5°	2467.3	2491.3	2505.7	2510.5	2505.7	2491.3	2467.3	2433.9	2391.0	2338.9	2277.7
65°	3135.7	3170.6	3191.6	3198.6	3191.6	3170.6	3135.7	3087.1	3024.7	2948.9	2859.9
62.5°	3916.2	3961.4	3988.6	3997.7	3988.6	3961.4	3916.2	3853.2	3772.4	3674.3	3559.1
60°	4728.6	4780.2	4811.3	4821.7	4811.3	4780.2	4728.6	4656.5	4564.3	4452.2	4320.8
57.5°	5511.3	5565.8	5598.6	5609.5	5598.6	5565.8	5511.3	5435.3	5338.1	5220.2	5082.0
55°	6211.2	6264.2	6296.1	6306.7	6296.1	6264.2	6211.2	6137.3	6043.0	5928.6	5794.5
52.5°	6841.6	6893.9	6925.5	6936.0	6925.5	6893.9	6841.6	6768.6	6675.5	6562.6	6430.5
50°	7411.0	7462.7	7493.8	7504.2	7493.8	7462.7	7411.0	7339.1	7247.3	7136.2	7006.3
47.5°	7933.5	7985.4	8016.7	8027.1	8016.7	7985.4	7933.5	7861.3	7769.3	7658.1	7528.2
45°	8391.5	8440.5	8470.0	8479.9	8470.0	8440.5	8391.5	8323.4	8236.7	8132.1	8007.4
42.5°	8786.3	8832.2	8859.9	8869.2	8859.9	8832.2	8786.3	8722.6	8641.5	8543.8	8422.0
40°	9131.6	9175.6	9202.1	9211.0	9202.1	9175.6	9131.6	9070.7	8993.3	8900.2	8781.3
37.5°	9429.0	9470.0	9494.8	9503.1	9494.8	9470.0	9429.0	9372.2	9300.3	9213.9	9097.3
35°	9679.6	9717.2	9739.9	9747.5	9739.9	9717.2	9679.6	9627.8	9562.2	9479.9	9371.6
32.5°	9892.4	9927.4	9948.7	9955.8	9948.7	9927.4	9892.4	9844.0	9783.0	9703.8	9605.6
30°	10067.1	10098.1	10117.0	10123.3	10117.0	10098.1	10067.1	10024.5	9970.9	9895.3	9804.5
27.5°	10205.9	10232.8	10249.1	10254.6	10249.1	10232.8	10205.9	10169.1	10123.0	10053.5	9974.2
25°	10297.2	10313.7	10323.7	10327.1	10323.7	10313.7	10297.2	10274.7	10240.4	10180.8	10110.6
22.5°	10336.8	10341.4	10344.2	10345.2	10344.2	10341.4	10336.8	10330.6	10310.3	10274.2	10216.7
20°	10339.8	10336.6	10334.6	10333.9	10334.6	10336.6	10339.8	10344.2	10338.3	10328.4	10288.3
17.5°	10321.1	10310.8	10304.4	10302.2	10304.4	10310.8	10321.1	10334.3	10340.2	10342.3	10330.3
15°	10289.7	10274.3	10264.7	10261.4	10264.7	10274.3	10289.7	10308.1	10326.7	10338.8	10342.3
12.5°	10254.4	10237.5	10226.7	10222.9	10226.7	10237.5	10254.4	10277.0	10303.6	10326.7	10340.2
10°	10222.7	10208.5	10199.1	10195.8	10199.1	10208.5	10222.7	10247.6	10277.0	10308.1	10334.3
7.5°	10202.2	10189.5	10182.5	10179.9	10182.5	10189.5	10202.2	10222.7	10254.4	10289.7	10321.1
5°	10189.5	10176.8	10166.1	10161.8	10166.1	10176.8	10189.5	10208.5	10237.5	10274.3	10310.8
2.5°	10182.5	10166.1	10149.8	10141.4	10149.8	10166.1	10182.5	10199.1	10226.7	10264.7	10304.4
0°	10179.9	10161.8	10141.4	10143.7	10141.4	10161.8	10179.9	10195.8	10222.9	10261.4	10302.2
-2.5°	10182.5	10166.1	10149.8	10141.4	10149.8	10166.1	10182.5	10199.1	10226.7	10264.7	10304.4
-5°	10189.5	10176.8	10166.1	10161.8	10166.1	10176.8	10189.5	10208.5	10237.5	10274.3	10310.8
-7.5°	10202.2	10189.5	10182.5	10179.9	10182.5	10189.5	10202.2	10222.7	10254.4	10289.7	10321.1
-10°	10222.7	10208.5	10199.1	10195.8	10199.1	10208.5	10222.7	10247.6	10277.0	10308.1	10334.3
-12.5°	10254.4	10237.5	10226.7	10222.9	10226.7	10237.5	10254.4	10277.0	10303.6	10326.7	10340.2
-15°	10289.7	10274.3	10264.7	10261.4	10264.7	10274.3	10289.7	10308.1	10326.7	10338.8	10342.3
-17.5°	10321.1	10310.8	10304.4	10302.2	10304.4	10310.8	10321.1	10334.3	10340.2	10342.3	10330.3
-20°	10339.8	10336.6	10334.6	10333.9	10334.6	10336.6	10339.8	10344.2	10338.3	10328.4	10288.3



REPORT NUMBER: P645522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-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°	10336.8	10341.4	10344.2	10345.2	10344.2	10341.4	10336.8	10330.6	10310.3	10274.2	10216.7
-25°	10297.2	10313.7	10323.7	10327.1	10323.7	10313.7	10297.2	10274.7	10240.4	10180.8	10110.6
-27.5°	10205.9	10232.8	10249.1	10254.6	10249.1	10232.8	10205.9	10169.1	10123.0	10053.5	9974.2
-30°	10067.1	10098.1	10117.0	10123.3	10117.0	10098.1	10067.1	10024.5	9970.9	9895.3	9804.5
-32.5°	9892.4	9927.4	9948.7	9955.8	9948.7	9927.4	9892.4	9844.0	9783.0	9703.8	9605.6
-35°	9679.6	9717.2	9739.9	9747.5	9739.9	9717.2	9679.6	9627.8	9562.2	9479.9	9371.6
-37.5°	9429.0	9470.0	9494.8	9503.1	9494.8	9470.0	9429.0	9372.2	9300.3	9213.9	9097.3
-40°	9131.6	9175.6	9202.1	9211.0	9202.1	9175.6	9131.6	9070.7	8993.3	8900.2	8781.3
-42.5°	8786.3	8832.2	8859.9	8869.2	8859.9	8832.2	8786.3	8722.6	8641.5	8543.8	8422.0
-45°	8391.5	8440.5	8470.0	8479.9	8470.0	8440.5	8391.5	8323.4	8236.7	8132.1	8007.4
-47.5°	7933.5	7985.4	8016.7	8027.1	8016.7	7985.4	7933.5	7861.3	7769.3	7658.1	7528.2
-50°	7411.0	7462.7	7493.8	7504.2	7493.8	7462.7	7411.0	7339.1	7247.3	7136.2	7006.3
-52.5°	6841.6	6893.9	6925.5	6936.0	6925.5	6893.9	6841.6	6768.6	6675.5	6562.6	6430.5
-55°	6211.2	6264.2	6296.1	6306.7	6296.1	6264.2	6211.2	6137.3	6043.0	5928.6	5794.5
-57.5°	5511.3	5565.8	5598.6	5609.5	5598.6	5565.8	5511.3	5435.3	5338.1	5220.2	5082.0
-60°	4728.6	4780.2	4811.3	4821.7	4811.3	4780.2	4728.6	4656.5	4564.3	4452.2	4320.8
-62.5°	3916.2	3961.4	3988.6	3997.7	3988.6	3961.4	3916.2	3853.2	3772.4	3674.3	3559.1
-65°	3135.7	3170.6	3191.6	3198.6	3191.6	3170.6	3135.7	3087.1	3024.7	2948.9	2859.9
-67.5°	2467.3	2491.3	2505.7	2510.5	2505.7	2491.3	2467.3	2433.9	2391.0	2338.9	2277.7
-70°	1946.9	1964.4	1975.0	1978.5	1975.0	1964.4	1946.9	1922.3	1890.9	1852.7	1807.7
-72.5°	1513.1	1525.2	1532.4	1534.8	1532.4	1525.2	1513.1	1496.3	1474.8	1448.5	1417.7
-75°	1169.9	1177.7	1182.3	1183.9	1182.3	1177.7	1169.9	1159.0	1145.1	1128.1	1108.1
-77.5°	906.6	912.2	915.7	916.8	915.7	912.2	906.6	898.6	888.5	876.1	861.5
-80°	672.9	677.6	680.5	681.4	680.5	677.6	672.9	666.3	657.8	647.4	635.3
-82.5°	428.8	432.0	434.0	434.6	434.0	432.0	428.8	424.3	418.6	411.6	403.3
-85°	207.9	209.3	210.2	210.5	210.2	209.3	207.9	205.8	203.2	200.0	196.2
-87.5°	56.1	56.4	56.5	56.6	56.5	56.4	56.1	55.7	55.3	54.7	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: P645522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-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°	53.2	52.3	51.3	50.2	49.0	47.7	46.4	44.9	43.4	41.7	40.0
85°	191.9	187.0	181.6	175.6	169.2	162.2	154.7	146.8	138.4	129.5	120.2
82.5°	393.8	383.2	371.3	358.3	344.1	328.8	312.5	295.1	276.7	257.3	237.0
80°	621.3	605.6	588.1	568.9	548.0	525.6	501.5	475.9	448.8	421.7	394.5
77.5°	844.8	825.9	805.0	782.0	757.1	730.2	701.4	670.3	636.4	600.7	563.3
75°	1085.2	1059.4	1030.7	999.3	965.1	928.4	892.3	855.5	816.6	775.6	732.7
72.5°	1382.3	1342.5	1298.3	1249.8	1197.2	1150.9	1104.8	1055.9	1004.2	949.8	895.8
70°	1756.2	1698.1	1633.8	1563.3	1496.8	1431.7	1362.2	1288.4	1210.4	1141.8	1076.6
67.5°	2207.5	2128.5	2041.0	1950.6	1864.0	1770.7	1671.3	1565.7	1471.2	1378.7	1282.1
65°	2757.9	2643.3	2516.3	2407.5	2291.1	2166.0	2032.6	1905.7	1781.4	1651.0	1519.0
62.5°	3427.3	3279.1	3126.8	2972.4	2805.3	2625.9	2451.9	2295.5	2130.7	1961.4	1811.1
60°	4170.5	4001.8	3820.7	3623.0	3409.2	3182.6	2972.4	2750.1	2516.3	2325.7	2128.5
57.5°	4924.0	4743.3	4538.5	4315.1	4073.7	3820.7	3554.1	3272.4	3007.3	2740.9	2474.2
55°	5641.5	5451.9	5238.1	5005.0	4750.5	4469.2	4170.5	3859.6	3538.9	3204.0	2903.4
52.5°	6276.9	6090.1	5884.3	5660.3	5394.2	5102.8	4792.7	4452.2	4095.5	3731.9	3357.4
50°	6850.1	6667.0	6465.5	6240.1	5979.3	5701.0	5380.1	5030.0	4656.5	4257.6	3848.8
47.5°	7369.8	7190.7	6994.1	6764.0	6510.2	6232.9	5916.6	5581.3	5189.4	4780.2	4339.2
45°	7847.5	7669.3	7471.4	7241.6	6995.4	6712.0	6406.4	6062.4	5692.5	5269.7	4821.7
42.5°	8272.2	8105.7	7907.5	7680.3	7431.5	7151.6	6848.6	6507.4	6135.9	5728.7	5269.7
40°	8642.1	8487.8	8293.2	8082.1	7830.6	7555.7	7246.6	6917.5	6541.3	6135.9	5692.5
37.5°	8965.3	8812.4	8631.5	8430.2	8189.8	7922.1	7615.5	7278.4	6917.5	6507.4	6062.4
35°	9249.7	9099.3	8928.9	8729.3	8509.0	8244.2	7952.9	7615.5	7246.6	6848.6	6406.4
32.5°	9494.0	9349.6	9190.7	8995.8	8778.9	8533.1	8244.2	7922.1	7555.7	7151.6	6712.0
30°	9695.6	9565.7	9410.8	9233.2	9018.3	8778.9	8509.0	8189.8	7830.6	7431.5	6995.4
27.5°	9869.3	9750.3	9601.3	9431.4	9233.2	8995.8	8729.3	8430.2	8082.1	7680.3	7241.6
25°	10015.5	9902.3	9766.2	9601.3	9410.8	9190.7	8928.9	8631.5	8293.2	7907.5	7471.4
22.5°	10136.2	10029.5	9902.3	9750.3	9565.7	9349.6	9099.3	8812.4	8487.8	8105.7	7669.3
20°	10228.8	10136.2	10015.5	9869.3	9695.6	9494.0	9249.7	8965.3	8642.1	8272.2	7847.5
17.5°	10288.3	10216.7	10110.6	9974.2	9804.5	9605.6	9371.6	9097.3	8781.3	8422.0	8007.4
15°	10328.4	10274.2	10180.8	10053.5	9895.3	9703.8	9479.9	9213.9	8900.2	8543.8	8132.1
12.5°	10338.3	10310.3	10240.4	10123.0	9970.9	9783.0	9562.2	9300.3	8993.3	8641.5	8236.7
10°	10344.2	10330.6	10274.7	10169.1	10024.5	9844.0	9627.8	9372.2	9070.7	8722.6	8323.4
7.5°	10339.8	10336.8	10297.2	10205.9	10067.1	9892.4	9679.6	9429.0	9131.6	8786.3	8391.5
5°	10336.6	10341.4	10313.7	10232.8	10098.1	9927.4	9717.2	9470.0	9175.6	8832.2	8440.5
2.5°	10334.6	10344.2	10323.7	10249.1	10117.0	9948.7	9739.9	9494.8	9202.1	8859.9	8470.0
0°	10333.9	10345.2	10327.1	10254.6	10123.3	9955.8	9747.5	9503.1	9211.0	8869.2	8479.9
-2.5°	10334.6	10344.2	10323.7	10249.1	10117.0	9948.7	9739.9	9494.8	9202.1	8859.9	8470.0
-5°	10336.6	10341.4	10313.7	10232.8	10098.1	9927.4	9717.2	9470.0	9175.6	8832.2	8440.5
-7.5°	10339.8	10336.8	10297.2	10205.9	10067.1	9892.4	9679.6	9429.0	9131.6	8786.3	8391.5
-10°	10344.2	10330.6	10274.7	10169.1	10024.5	9844.0	9627.8	9372.2	9070.7	8722.6	8323.4
-12.5°	10338.3	10310.3	10240.4	10123.0	9970.9	9783.0	9562.2	9300.3	8993.3	8641.5	8236.7
-15°	10328.4	10274.2	10180.8	10053.5	9895.3	9703.8	9479.9	9213.9	8900.2	8543.8	8132.1
-17.5°	10288.3	10216.7	10110.6	9974.2	9804.5	9605.6	9371.6	9097.3	8781.3	8422.0	8007.4
-20°	10228.8	10136.2	10015.5	9869.3	9695.6	9494.0	9249.7	8965.3	8642.1	8272.2	7847.5

Classified

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

Scaled Data Report



REPORT NUMBER: P645522 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-750-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10136.2	10029.5	9902.3	9750.3	9565.7	9349.6	9099.3	8812.4	8487.8	8105.7	7669.3
-25°	10015.5	9902.3	9766.2	9601.3	9410.8	9190.7	8928.9	8631.5	8293.2	7907.5	7471.4
-27.5°	9869.3	9750.3	9601.3	9431.4	9233.2	8995.8	8729.3	8430.2	8082.1	7680.3	7241.6
-30°	9695.6	9565.7	9410.8	9233.2	9018.3	8778.9	8509.0	8189.8	7830.6	7431.5	6995.4
-32.5°	9494.0	9349.6	9190.7	8995.8	8778.9	8533.1	8244.2	7922.1	7555.7	7151.6	6712.0
-35°	9249.7	9099.3	8928.9	8729.3	8509.0	8244.2	7952.9	7615.5	7246.6	6848.6	6406.4
-37.5°	8965.3	8812.4	8631.5	8430.2	8189.8	7922.1	7615.5	7278.4	6917.5	6507.4	6062.4
-40°	8642.1	8487.8	8293.2	8082.1	7830.6	7555.7	7246.6	6917.5	6541.3	6135.9	5692.5
-42.5°	8272.2	8105.7	7907.5	7680.3	7431.5	7151.6	6848.6	6507.4	6135.9	5728.7	5269.7
-45°	7847.5	7669.3	7471.4	7241.6	6995.4	6712.0	6406.4	6062.4	5692.5	5269.7	4821.7
-47.5°	7369.8	7190.7	6994.1	6764.0	6510.2	6232.9	5916.6	5581.3	5189.4	4780.2	4339.2
-50°	6850.1	6667.0	6465.5	6240.1	5979.3	5701.0	5380.1	5030.0	4656.5	4257.6	3848.8
-52.5°	6276.9	6090.1	5884.3	5660.3	5394.2	5102.8	4792.7	4452.2	4095.5	3731.9	3357.4
-55°	5641.5	5451.9	5238.1	5005.0	4750.5	4469.2	4170.5	3859.6	3538.9	3204.0	2903.4
-57.5°	4924.0	4743.3	4538.5	4315.1	4073.7	3820.7	3554.1	3272.4	3007.3	2740.9	2474.2
-60°	4170.5	4001.8	3820.7	3623.0	3409.2	3182.6	2972.4	2750.1	2516.3	2325.7	2128.5
-62.5°	3427.3	3279.1	3126.8	2972.4	2805.3	2625.9	2451.9	2295.5	2130.7	1961.4	1811.1
-65°	2757.9	2643.3	2516.3	2407.5	2291.1	2166.0	2032.6	1905.7	1781.4	1651.0	1519.0
-67.5°	2207.5	2128.5	2041.0	1950.6	1864.0	1770.7	1671.3	1565.7	1471.2	1378.7	1282.1
-70°	1756.2	1698.1	1633.8	1563.3	1496.8	1431.7	1362.2	1288.4	1210.4	1141.8	1076.6
-72.5°	1382.3	1342.5	1298.3	1249.8	1197.2	1150.9	1104.8	1055.9	1004.2	949.8	895.8
-75°	1085.2	1059.4	1030.7	999.3	965.1	928.4	892.3	855.5	816.6	775.6	732.7
-77.5°	844.8	825.9	805.0	782.0	757.1	730.2	701.4	670.3	636.4	600.7	563.3
-80°	621.3	605.6	588.1	568.9	548.0	525.6	501.5	475.9	448.8	421.7	394.5
-82.5°	393.8	383.2	371.3	358.3	344.1	328.8	312.5	295.1	276.7	257.3	237.0
-85°	191.9	187.0	181.6	175.6	169.2	162.2	154.7	146.8	138.4	129.5	120.2
-87.5°	53.2	52.3	51.3	50.2	49.0	47.7	46.4	44.9	43.4	41.7	40.0
-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: P645522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-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°	38.2	36.4	34.4	32.5	30.4	28.3	26.1	23.9	21.7	19.4	17.0
85°	110.5	100.4	89.9	79.1	67.9	56.5	52.2	47.8	43.3	38.7	34.0
82.5°	215.8	199.0	183.3	167.0	150.3	133.1	115.4	97.4	79.0	60.2	50.9
80°	366.2	336.8	306.2	274.7	242.2	209.3	185.8	161.8	137.3	112.3	87.0
77.5°	524.3	483.7	441.6	401.6	360.9	319.2	276.5	232.8	195.2	164.0	132.4
75°	688.0	639.6	589.1	537.0	483.3	428.8	377.6	325.2	271.8	217.5	177.5
72.5°	843.5	789.2	733.0	674.7	612.1	547.9	482.1	416.8	354.6	291.5	227.4
70°	1008.7	938.2	871.4	805.1	736.9	666.3	591.2	514.6	436.6	364.5	291.5
67.5°	1182.1	1102.7	1020.6	936.0	857.1	778.5	698.1	613.0	525.5	436.6	354.6
65°	1407.0	1291.0	1174.1	1080.1	983.6	888.5	799.4	708.6	613.0	514.6	416.8
62.5°	1654.9	1501.9	1370.0	1234.1	1116.1	1007.5	899.0	799.4	698.1	591.2	482.1
60°	1932.8	1756.2	1574.0	1417.7	1265.9	1128.1	1007.5	888.5	778.5	666.3	547.9
57.5°	2251.8	2022.0	1817.4	1614.6	1433.7	1265.9	1116.1	983.6	857.1	736.9	612.1
55°	2592.9	2326.4	2071.4	1837.8	1614.6	1417.7	1234.1	1080.1	936.0	805.1	674.7
52.5°	3001.8	2657.9	2351.3	2071.4	1817.4	1574.0	1370.0	1174.1	1020.6	871.4	733.0
50°	3434.6	3034.7	2657.9	2326.4	2022.0	1756.2	1501.9	1291.0	1102.7	938.2	789.2
47.5°	3887.9	3434.6	3001.8	2592.9	2251.8	1932.8	1654.9	1407.0	1182.1	1008.7	843.5
45°	4339.2	3848.8	3357.4	2903.4	2474.2	2128.5	1811.1	1519.0	1282.1	1076.6	895.8
42.5°	4780.2	4257.6	3731.9	3204.0	2740.9	2325.7	1961.4	1651.0	1378.7	1141.8	949.8
40°	5189.4	4656.5	4095.5	3538.9	3007.3	2516.3	2130.7	1781.4	1471.2	1210.4	1004.2
37.5°	5581.3	5030.0	4452.2	3859.6	3272.4	2750.1	2295.5	1905.7	1565.7	1288.4	1055.9
35°	5916.6	5380.1	4792.7	4170.5	3554.1	2972.4	2451.9	2032.6	1671.3	1362.2	1104.8
32.5°	6232.9	5701.0	5102.8	4469.2	3820.7	3182.6	2625.9	2166.0	1770.7	1431.7	1150.9
30°	6510.2	5979.3	5394.2	4750.5	4073.7	3409.2	2805.3	2291.1	1864.0	1496.8	1197.2
27.5°	6764.0	6240.1	5660.3	5005.0	4315.1	3623.0	2972.4	2407.5	1950.6	1563.3	1249.8
25°	6994.1	6465.5	5884.3	5238.1	4538.5	3820.7	3126.8	2516.3	2041.0	1633.8	1298.3
22.5°	7190.7	6667.0	6090.1	5451.9	4743.3	4001.8	3279.1	2643.3	2128.5	1698.1	1342.5
20°	7369.8	6850.1	6276.9	5641.5	4924.0	4170.5	3427.3	2757.9	2207.5	1756.2	1382.3
17.5°	7528.2	7006.3	6430.5	5794.5	5082.0	4320.8	3559.1	2859.9	2277.7	1807.7	1417.7
15°	7658.1	7136.2	6562.6	5928.6	5220.2	4452.2	3674.3	2948.9	2338.9	1852.7	1448.5
12.5°	7769.3	7247.3	6675.5	6043.0	5338.1	4564.3	3772.4	3024.7	2391.0	1890.9	1474.8
10°	7861.3	7339.1	6768.6	6137.3	5435.3	4656.5	3853.2	3087.1	2433.9	1922.3	1496.3
7.5°	7933.5	7411.0	6841.6	6211.2	5511.3	4728.6	3916.2	3135.7	2467.3	1946.9	1513.1
5°	7985.4	7462.7	6893.9	6264.2	5565.8	4780.2	3961.4	3170.6	2491.3	1964.4	1525.2
2.5°	8016.7	7493.8	6925.5	6296.1	5598.6	4811.3	3988.6	3191.6	2505.7	1975.0	1532.4
0°	8027.1	7504.2	6936.0	6306.7	5609.5	4821.7	3997.7	3198.6	2510.5	1978.5	1534.8
-2.5°	8016.7	7493.8	6925.5	6296.1	5598.6	4811.3	3988.6	3191.6	2505.7	1975.0	1532.4
-5°	7985.4	7462.7	6893.9	6264.2	5565.8	4780.2	3961.4	3170.6	2491.3	1964.4	1525.2
-7.5°	7933.5	7411.0	6841.6	6211.2	5511.3	4728.6	3916.2	3135.7	2467.3	1946.9	1513.1
-10°	7861.3	7339.1	6768.6	6137.3	5435.3	4656.5	3853.2	3087.1	2433.9	1922.3	1496.3
-12.5°	7769.3	7247.3	6675.5	6043.0	5338.1	4564.3	3772.4	3024.7	2391.0	1890.9	1474.8
-15°	7658.1	7136.2	6562.6	5928.6	5220.2	4452.2	3674.3	2948.9	2338.9	1852.7	1448.5
-17.5°	7528.2	7006.3	6430.5	5794.5	5082.0	4320.8	3559.1	2859.9	2277.7	1807.7	1417.7
-20°	7369.8	6850.1	6276.9	5641.5	4924.0	4170.5	3427.3	2757.9	2207.5	1756.2	1382.3



REPORT NUMBER: P645522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-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°	7190.7	6667.0	6090.1	5451.9	4743.3	4001.8	3279.1	2643.3	2128.5	1698.1	1342.5
-25°	6994.1	6465.5	5884.3	5238.1	4538.5	3820.7	3126.8	2516.3	2041.0	1633.8	1298.3
-27.5°	6764.0	6240.1	5660.3	5005.0	4315.1	3623.0	2972.4	2407.5	1950.6	1563.3	1249.8
-30°	6510.2	5979.3	5394.2	4750.5	4073.7	3409.2	2805.3	2291.1	1864.0	1496.8	1197.2
-32.5°	6232.9	5701.0	5102.8	4469.2	3820.7	3182.6	2625.9	2166.0	1770.7	1431.7	1150.9
-35°	5916.6	5380.1	4792.7	4170.5	3554.1	2972.4	2451.9	2032.6	1671.3	1362.2	1104.8
-37.5°	5581.3	5030.0	4452.2	3859.6	3272.4	2750.1	2295.5	1905.7	1565.7	1288.4	1055.9
-40°	5189.4	4656.5	4095.5	3538.9	3007.3	2516.3	2130.7	1781.4	1471.2	1210.4	1004.2
-42.5°	4780.2	4257.6	3731.9	3204.0	2740.9	2325.7	1961.4	1651.0	1378.7	1141.8	949.8
-45°	4339.2	3848.8	3357.4	2903.4	2474.2	2128.5	1811.1	1519.0	1282.1	1076.6	895.8
-47.5°	3887.9	3434.6	3001.8	2592.9	2251.8	1932.8	1654.9	1407.0	1182.1	1008.7	843.5
-50°	3434.6	3034.7	2657.9	2326.4	2022.0	1756.2	1501.9	1291.0	1102.7	938.2	789.2
-52.5°	3001.8	2657.9	2351.3	2071.4	1817.4	1574.0	1370.0	1174.1	1020.6	871.4	733.0
-55°	2592.9	2326.4	2071.4	1837.8	1614.6	1417.7	1234.1	1080.1	936.0	805.1	674.7
-57.5°	2251.8	2022.0	1817.4	1614.6	1433.7	1265.9	1116.1	983.6	857.1	736.9	612.1
-60°	1932.8	1756.2	1574.0	1417.7	1265.9	1128.1	1007.5	888.5	778.5	666.3	547.9
-62.5°	1654.9	1501.9	1370.0	1234.1	1116.1	1007.5	899.0	799.4	698.1	591.2	482.1
-65°	1407.0	1291.0	1174.1	1080.1	983.6	888.5	799.4	708.6	613.0	514.6	416.8
-67.5°	1182.1	1102.7	1020.6	936.0	857.1	778.5	698.1	613.0	525.5	436.6	354.6
-70°	1008.7	938.2	871.4	805.1	736.9	666.3	591.2	514.6	436.6	364.5	291.5
-72.5°	843.5	789.2	733.0	674.7	612.1	547.9	482.1	416.8	354.6	291.5	227.4
-75°	688.0	639.6	589.1	537.0	483.3	428.8	377.6	325.2	271.8	217.5	177.5
-77.5°	524.3	483.7	441.6	401.6	360.9	319.2	276.5	232.8	195.2	164.0	132.4
-80°	366.2	336.8	306.2	274.7	242.2	209.3	185.8	161.8	137.3	112.3	87.0
-82.5°	215.8	199.0	183.3	167.0	150.3	133.1	115.4	97.4	79.0	60.2	50.9
-85°	110.5	100.4	89.9	79.1	67.9	56.5	52.2	47.8	43.3	38.7	34.0
-87.5°	38.2	36.4	34.4	32.5	30.4	28.3	26.1	23.9	21.7	19.4	17.0
-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: P64522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-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°	14.6	12.2	9.8	7.4	4.9	2.5	0.0
85°	29.3	24.5	19.6	14.8	9.9	4.9	0.0
82.5°	43.8	36.7	29.4	22.1	14.8	7.4	0.0
80°	61.3	48.8	39.1	29.4	19.6	9.8	0.0
77.5°	100.4	68.0	48.8	36.7	24.5	12.2	0.0
75°	139.1	100.4	61.3	43.8	29.3	14.6	0.0
72.5°	177.5	132.4	87.0	50.9	34.0	17.0	0.0
70°	217.5	164.0	112.3	60.2	38.7	19.4	0.0
67.5°	271.8	195.2	137.3	79.0	43.3	21.7	0.0
65°	325.2	232.8	161.8	97.4	47.8	23.9	0.0
62.5°	377.6	276.5	185.8	115.4	52.2	26.1	0.0
60°	428.8	319.2	209.3	133.1	56.5	28.3	0.0
57.5°	483.3	360.9	242.2	150.3	67.9	30.4	0.0
55°	537.0	401.6	274.7	167.0	79.1	32.5	0.0
52.5°	589.1	441.6	306.2	183.3	89.9	34.4	0.0
50°	639.6	483.7	336.8	199.0	100.4	36.4	0.0
47.5°	688.0	524.3	366.2	215.8	110.5	38.2	0.0
45°	732.7	563.3	394.5	237.0	120.2	40.0	0.0
42.5°	775.6	600.7	421.7	257.3	129.5	41.7	0.0
40°	816.6	636.4	448.8	276.7	138.4	43.4	0.0
37.5°	855.5	670.3	475.9	295.1	146.8	44.9	0.0
35°	892.3	701.4	501.5	312.5	154.7	46.4	0.0
32.5°	928.4	730.2	525.6	328.8	162.2	47.7	0.0
30°	965.1	757.1	548.0	344.1	169.2	49.0	0.0
27.5°	999.3	782.0	568.9	358.3	175.6	50.2	0.0
25°	1030.7	805.0	588.1	371.3	181.6	51.3	0.0
22.5°	1059.4	825.9	605.6	383.2	187.0	52.3	0.0
20°	1085.2	844.8	621.3	393.8	191.9	53.2	0.0
17.5°	1108.1	861.5	635.3	403.3	196.2	54.0	0.0
15°	1128.1	876.1	647.4	411.6	200.0	54.7	0.0
12.5°	1145.1	888.5	657.8	418.6	203.2	55.3	0.0
10°	1159.0	898.6	666.3	424.3	205.8	55.7	0.0
7.5°	1169.9	906.6	672.9	428.8	207.9	56.1	0.0
5°	1177.7	912.2	677.6	432.0	209.3	56.4	0.0
2.5°	1182.3	915.7	680.5	434.0	210.2	56.5	0.0
0°	1183.9	916.8	681.4	434.6	210.5	56.6	0.0
-2.5°	1182.3	915.7	680.5	434.0	210.2	56.5	0.0
-5°	1177.7	912.2	677.6	432.0	209.3	56.4	0.0
-7.5°	1169.9	906.6	672.9	428.8	207.9	56.1	0.0
-10°	1159.0	898.6	666.3	424.3	205.8	55.7	0.0
-12.5°	1145.1	888.5	657.8	418.6	203.2	55.3	0.0
-15°	1128.1	876.1	647.4	411.6	200.0	54.7	0.0
-17.5°	1108.1	861.5	635.3	403.3	196.2	54.0	0.0
-20°	1085.2	844.8	621.3	393.8	191.9	53.2	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645522 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-750-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1059.4	825.9	605.6	383.2	187.0	52.3	0.0
-25°	1030.7	805.0	588.1	371.3	181.6	51.3	0.0
-27.5°	999.3	782.0	568.9	358.3	175.6	50.2	0.0
-30°	965.1	757.1	548.0	344.1	169.2	49.0	0.0
-32.5°	928.4	730.2	525.6	328.8	162.2	47.7	0.0
-35°	892.3	701.4	501.5	312.5	154.7	46.4	0.0
-37.5°	855.5	670.3	475.9	295.1	146.8	44.9	0.0
-40°	816.6	636.4	448.8	276.7	138.4	43.4	0.0
-42.5°	775.6	600.7	421.7	257.3	129.5	41.7	0.0
-45°	732.7	563.3	394.5	237.0	120.2	40.0	0.0
-47.5°	688.0	524.3	366.2	215.8	110.5	38.2	0.0
-50°	639.6	483.7	336.8	199.0	100.4	36.4	0.0
-52.5°	589.1	441.6	306.2	183.3	89.9	34.4	0.0
-55°	537.0	401.6	274.7	167.0	79.1	32.5	0.0
-57.5°	483.3	360.9	242.2	150.3	67.9	30.4	0.0
-60°	428.8	319.2	209.3	133.1	56.5	28.3	0.0
-62.5°	377.6	276.5	185.8	115.4	52.2	26.1	0.0
-65°	325.2	232.8	161.8	97.4	47.8	23.9	0.0
-67.5°	271.8	195.2	137.3	79.0	43.3	21.7	0.0
-70°	217.5	164.0	112.3	60.2	38.7	19.4	0.0
-72.5°	177.5	132.4	87.0	50.9	34.0	17.0	0.0
-75°	139.1	100.4	61.3	43.8	29.3	14.6	0.0
-77.5°	100.4	68.0	48.8	36.7	24.5	12.2	0.0
-80°	61.3	48.8	39.1	29.4	19.6	9.8	0.0
-82.5°	43.8	36.7	29.4	22.1	14.8	7.4	0.0
-85°	29.3	24.5	19.6	14.8	9.9	4.9	0.0
-87.5°	14.6	12.2	9.8	7.4	4.9	2.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)