

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: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2C-750-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645378 (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-750-U-LAM-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

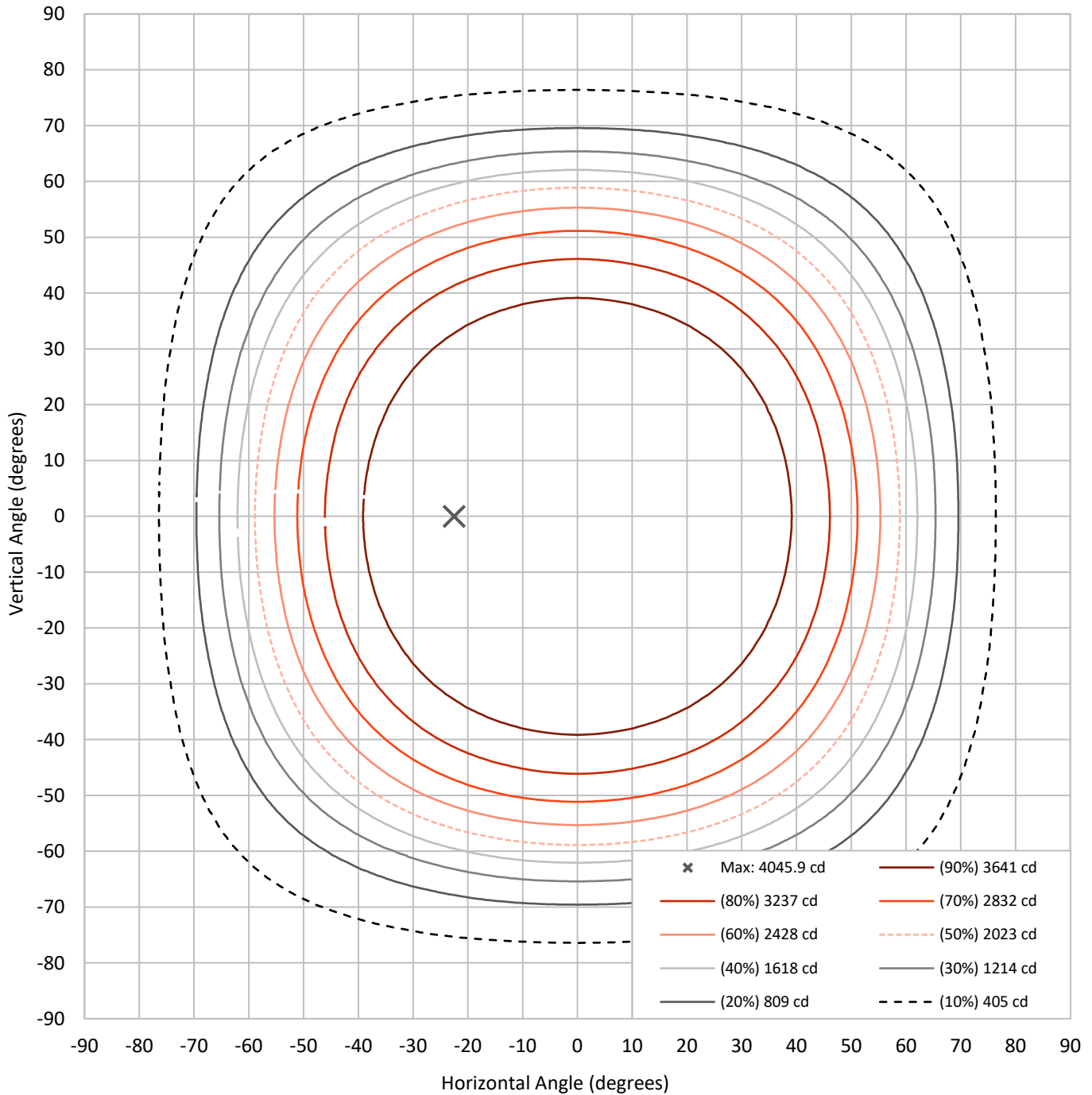
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	12376.5 lumens	Max Intensity:	4045.9 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	149.8 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:	10300 lumens	Field Lumens:	12133.1 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: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-750-U-LAM-XX

Iso-Candela Plot





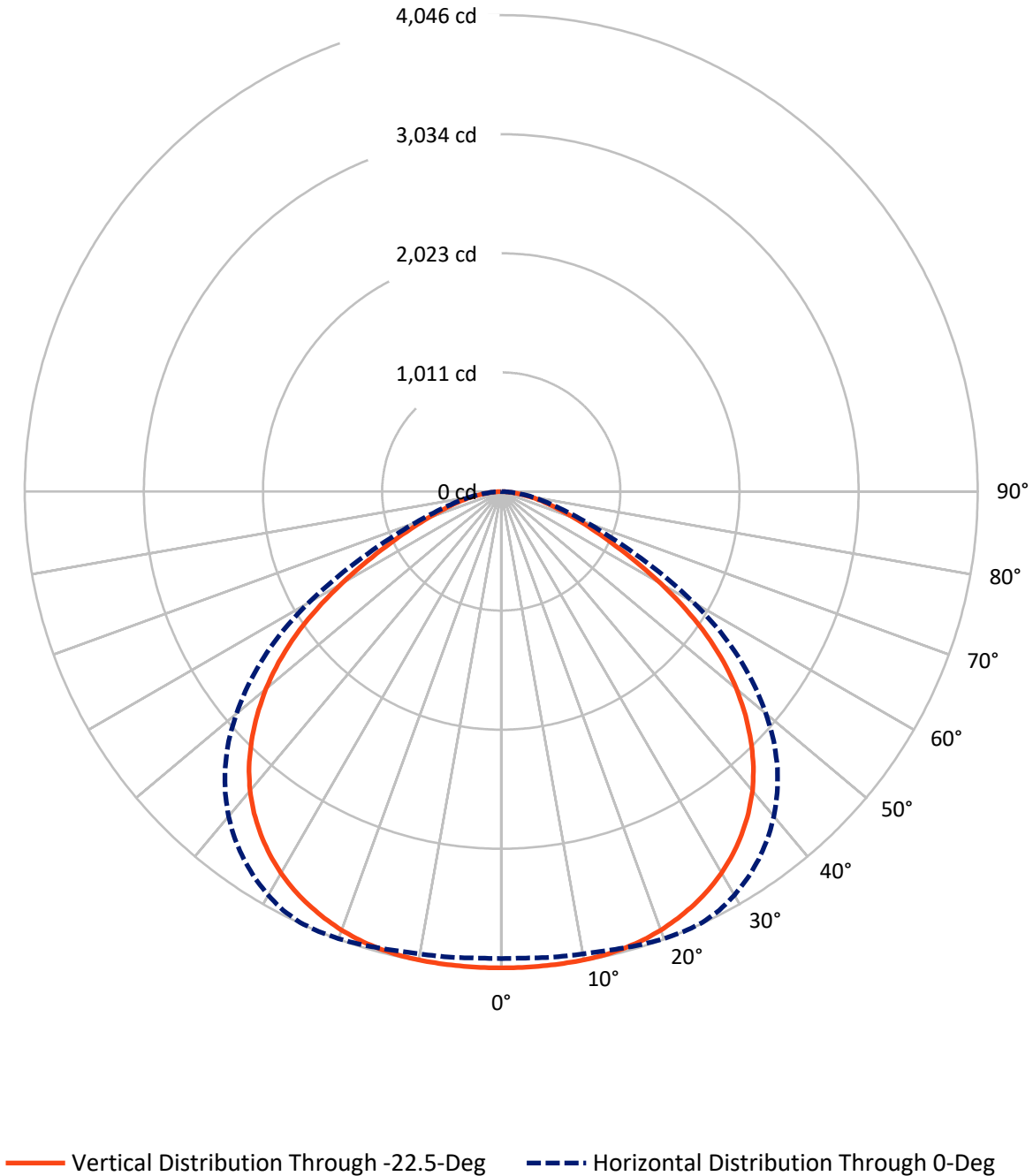
REPORT NUMBER: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-750-U-LAM-XX

Lumen Table

90																			
80	0.6	6.4	18.1	30.2	35.3	30.2	18.1	6.4	0.6										
70																			
60	3.0	3.6	7.5	13.2	20.3	28.1	34.7	38.4	38.4	34.7	28.1	20.3	13.2	7.5	3.6				3.0
50																			
40	5.8	5.6	12.8	24.9	40.7	56.0	67.4	73.4	73.4	67.4	56.0	40.7	24.9	12.8	5.6				5.8
30																			
20	7.9	8.0	20.3	40.4	62.0	80.0	92.8	99.3	99.3	92.8	80.0	62.0	40.4	20.3	8.0				7.9
10																			
0	8.7	10.7	28.7	53.6	77.1	95.8	108.4	114.7	114.7	108.4	95.8	77.1	53.6	28.7	10.7				8.7
-10																			
-20	7.9	13.4	35.7	62.6	86.7	104.9	116.6	121.8	121.8	116.6	104.9	86.7	62.6	35.7	13.4				7.9
-30																			
-40	5.8	15.6	40.4	68.1	92.0	109.4	118.6	121.8	121.8	118.6	109.4	92.0	68.1	40.4	15.6				5.8
-50																			
-60	3.0	16.7	42.6	70.7	94.4	110.8	118.1	120.7	120.7	118.1	110.8	94.4	70.7	42.6	16.7				3.0
-70																			
-80	0.6	16.7	42.6	70.7	94.4	110.8	118.1	120.7	120.7	118.1	110.8	94.4	70.7	42.6	16.7				0.6
-90																			

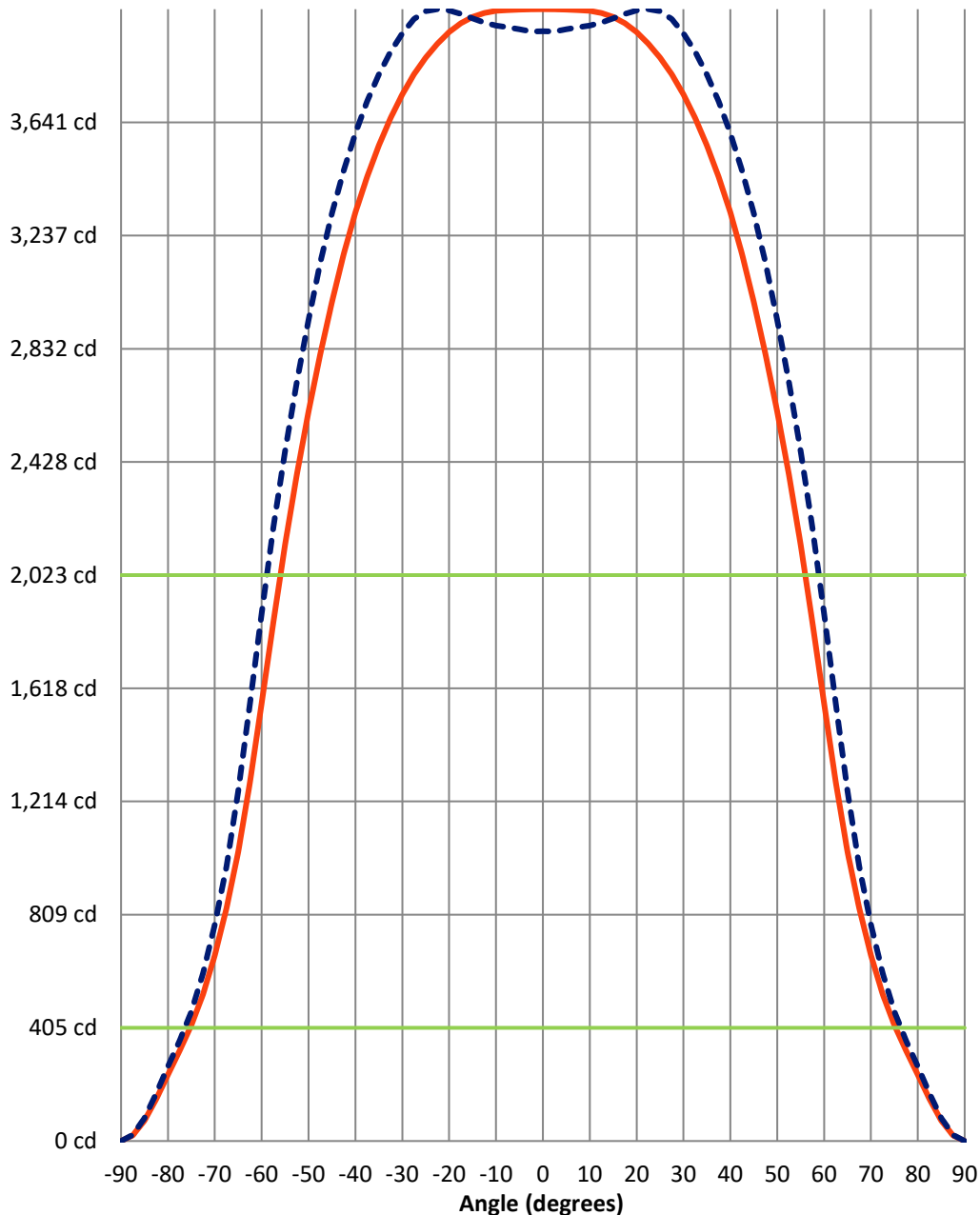
REPORT NUMBER: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-750-U-LAM-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-750-U-LAM-XX

Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 10300
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 12133.1
 Efficiency: 98.0%

Spill:
 Lumens: 243.4
 Efficiency: 2.0%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-750-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	1.0	1.9	2.9	3.8	4.8	5.7	6.6	7.6	8.5	9.3
85°	0.0	1.9	3.8	5.8	7.7	9.6	11.4	13.3	15.1	16.9	18.7
82.5°	0.0	2.9	5.8	8.6	11.5	14.3	17.1	19.9	23.5	30.8	38.0
80°	0.0	3.8	7.7	11.5	15.3	19.0	23.9	34.0	43.9	53.7	63.2
77.5°	0.0	4.8	9.6	14.3	19.0	26.6	39.2	51.8	64.1	76.3	91.0
75°	0.0	5.7	11.4	17.1	23.9	39.2	54.4	69.4	85.1	106.3	127.2
72.5°	0.0	6.6	13.3	19.9	34.0	51.8	69.4	88.9	114.0	138.7	163.0
70°	0.0	7.6	15.1	23.5	43.9	64.1	85.1	114.0	142.6	170.8	201.3
67.5°	0.0	8.5	16.9	30.8	53.7	76.3	106.3	138.7	170.8	205.6	239.8
65°	0.0	9.3	18.7	38.0	63.2	91.0	127.2	163.0	201.3	239.8	277.1
62.5°	0.0	10.2	20.4	45.1	72.6	108.1	147.7	188.6	231.2	273.1	312.7
60°	0.0	11.0	22.1	52.0	81.8	124.8	167.7	214.3	260.6	304.5	347.5
57.5°	0.0	11.9	26.5	58.7	94.7	141.2	189.1	239.4	288.2	335.2	384.7
55°	0.0	12.7	30.9	65.3	107.4	157.1	210.0	263.9	314.9	366.1	422.4
52.5°	0.0	13.5	35.1	71.6	119.8	172.8	230.4	286.7	340.8	399.2	459.2
50°	0.0	14.2	39.2	77.8	131.7	189.2	250.2	308.7	367.0	431.3	504.9
47.5°	0.0	14.9	43.2	84.4	143.2	205.1	269.1	329.9	394.5	462.3	550.2
45°	0.0	15.6	47.0	92.7	154.3	220.3	286.6	350.4	421.0	501.4	594.0
42.5°	0.0	16.3	50.6	100.6	164.9	234.9	303.4	371.5	446.5	539.2	645.7
40°	0.0	16.9	54.1	108.2	175.6	248.9	319.4	392.8	473.4	575.3	696.7
37.5°	0.0	17.5	57.4	115.4	186.2	262.2	334.6	413.0	503.8	612.3	745.3
35°	0.0	18.1	60.5	122.2	196.2	274.3	349.0	432.1	532.7	653.6	795.0
32.5°	0.0	18.6	63.4	128.6	205.6	285.6	363.1	450.1	559.9	692.5	847.1
30°	0.0	19.1	66.1	134.6	214.4	296.1	377.5	468.2	585.3	729.0	896.0
27.5°	0.0	19.6	68.7	140.1	222.5	305.9	390.8	488.8	611.3	762.9	941.5
25°	0.0	20.0	71.0	145.2	230.0	314.9	403.1	507.7	638.9	798.2	984.1
22.5°	0.0	20.4	73.1	149.9	236.8	323.0	414.3	525.0	664.1	832.4	1033.7
20°	0.0	20.8	75.0	154.1	243.0	330.4	424.4	540.6	686.8	863.3	1078.6
17.5°	0.0	21.1	76.7	157.8	248.5	337.0	433.4	554.4	707.0	890.8	1118.4
15°	0.0	21.3	78.2	161.0	253.2	342.7	441.2	566.5	724.6	914.7	1153.3
12.5°	0.0	21.6	79.4	163.7	257.3	347.5	447.8	576.7	739.5	935.1	1182.9
10°	0.0	21.8	80.5	166.0	260.6	351.5	453.3	585.1	751.8	951.8	1207.3
7.5°	0.0	21.9	81.3	167.7	263.2	354.6	457.5	591.7	761.4	964.9	1226.3
5°	0.0	22.0	81.8	169.0	265.0	356.8	460.6	596.4	768.3	974.3	1240.0
2.5°	0.0	22.1	82.2	169.7	266.1	358.2	462.4	599.3	772.4	979.9	1248.2
0°	0.0	22.1	82.3	170.0	266.5	358.6	463.0	600.2	773.8	981.8	1250.9
-2.5°	0.0	22.1	82.2	169.7	266.1	358.2	462.4	599.3	772.4	979.9	1248.2
-5°	0.0	22.0	81.8	169.0	265.0	356.8	460.6	596.4	768.3	974.3	1240.0
-7.5°	0.0	21.9	81.3	167.7	263.2	354.6	457.5	591.7	761.4	964.9	1226.3
-10°	0.0	21.8	80.5	166.0	260.6	351.5	453.3	585.1	751.8	951.8	1207.3
-12.5°	0.0	21.6	79.4	163.7	257.3	347.5	447.8	576.7	739.5	935.1	1182.9
-15°	0.0	21.3	78.2	161.0	253.2	342.7	441.2	566.5	724.6	914.7	1153.3
-17.5°	0.0	21.1	76.7	157.8	248.5	337.0	433.4	554.4	707.0	890.8	1118.4
-20°	0.0	20.8	75.0	154.1	243.0	330.4	424.4	540.6	686.8	863.3	1078.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-750-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	20.4	73.1	149.9	236.8	323.0	414.3	525.0	664.1	832.4	1033.7
-25°	0.0	20.0	71.0	145.2	230.0	314.9	403.1	507.7	638.9	798.2	984.1
-27.5°	0.0	19.6	68.7	140.1	222.5	305.9	390.8	488.8	611.3	762.9	941.5
-30°	0.0	19.1	66.1	134.6	214.4	296.1	377.5	468.2	585.3	729.0	896.0
-32.5°	0.0	18.6	63.4	128.6	205.6	285.6	363.1	450.1	559.9	692.5	847.1
-35°	0.0	18.1	60.5	122.2	196.2	274.3	349.0	432.1	532.7	653.6	795.0
-37.5°	0.0	17.5	57.4	115.4	186.2	262.2	334.6	413.0	503.8	612.3	745.3
-40°	0.0	16.9	54.1	108.2	175.6	248.9	319.4	392.8	473.4	575.3	696.7
-42.5°	0.0	16.3	50.6	100.6	164.9	234.9	303.4	371.5	446.5	539.2	645.7
-45°	0.0	15.6	47.0	92.7	154.3	220.3	286.6	350.4	421.0	501.4	594.0
-47.5°	0.0	14.9	43.2	84.4	143.2	205.1	269.1	329.9	394.5	462.3	550.2
-50°	0.0	14.2	39.2	77.8	131.7	189.2	250.2	308.7	367.0	431.3	504.9
-52.5°	0.0	13.5	35.1	71.6	119.8	172.8	230.4	286.7	340.8	399.2	459.2
-55°	0.0	12.7	30.9	65.3	107.4	157.1	210.0	263.9	314.9	366.1	422.4
-57.5°	0.0	11.9	26.5	58.7	94.7	141.2	189.1	239.4	288.2	335.2	384.7
-60°	0.0	11.0	22.1	52.0	81.8	124.8	167.7	214.3	260.6	304.5	347.5
-62.5°	0.0	10.2	20.4	45.1	72.6	108.1	147.7	188.6	231.2	273.1	312.7
-65°	0.0	9.3	18.7	38.0	63.2	91.0	127.2	163.0	201.3	239.8	277.1
-67.5°	0.0	8.5	16.9	30.8	53.7	76.3	106.3	138.7	170.8	205.6	239.8
-70°	0.0	7.6	15.1	23.5	43.9	64.1	85.1	114.0	142.6	170.8	201.3
-72.5°	0.0	6.6	13.3	19.9	34.0	51.8	69.4	88.9	114.0	138.7	163.0
-75°	0.0	5.7	11.4	17.1	23.9	39.2	54.4	69.4	85.1	106.3	127.2
-77.5°	0.0	4.8	9.6	14.3	19.0	26.6	39.2	51.8	64.1	76.3	91.0
-80°	0.0	3.8	7.7	11.5	15.3	19.0	23.9	34.0	43.9	53.7	63.2
-82.5°	0.0	2.9	5.8	8.6	11.5	14.3	17.1	19.9	23.5	30.8	38.0
-85°	0.0	1.9	3.8	5.8	7.7	9.6	11.4	13.3	15.1	16.9	18.7
-87.5°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.6	7.6	8.5	9.3
-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: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-750-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°	10.2	11.0	11.9	12.7	13.5	14.2	14.9	15.6	16.3	16.9	17.5
85°	20.4	22.1	26.5	30.9	35.1	39.2	43.2	47.0	50.6	54.1	57.4
82.5°	45.1	52.0	58.7	65.3	71.6	77.8	84.4	92.7	100.6	108.2	115.4
80°	72.6	81.8	94.7	107.4	119.8	131.7	143.2	154.3	164.9	175.6	186.2
77.5°	108.1	124.8	141.2	157.1	172.8	189.2	205.1	220.3	234.9	248.9	262.2
75°	147.7	167.7	189.1	210.0	230.4	250.2	269.1	286.6	303.4	319.4	334.6
72.5°	188.6	214.3	239.4	263.9	286.7	308.7	329.9	350.4	371.5	392.8	413.0
70°	231.2	260.6	288.2	314.9	340.8	367.0	394.5	421.0	446.5	473.4	503.8
67.5°	273.1	304.5	335.2	366.1	399.2	431.3	462.3	501.4	539.2	575.3	612.3
65°	312.7	347.5	384.7	422.4	459.2	504.9	550.2	594.0	645.7	696.7	745.3
62.5°	351.6	394.0	436.5	482.6	535.7	587.4	647.2	708.3	767.1	833.3	897.7
60°	394.0	441.2	495.0	554.4	615.5	686.8	755.9	832.4	909.6	984.1	1075.5
57.5°	436.5	495.0	560.7	631.4	710.8	790.8	880.6	967.6	1071.9	1176.1	1279.8
55°	482.6	554.4	631.4	718.8	810.1	909.8	1014.0	1135.5	1253.0	1384.0	1509.5
52.5°	535.7	615.5	710.8	810.1	919.6	1039.5	1173.9	1313.0	1459.5	1601.8	1741.2
50°	587.4	686.8	790.8	909.8	1039.5	1186.8	1343.2	1505.2	1665.1	1821.1	1967.2
47.5°	647.2	755.9	880.6	1014.0	1173.9	1343.2	1520.5	1697.0	1869.5	2029.5	2182.8
45°	708.3	832.4	967.6	1135.5	1313.0	1505.2	1697.0	1885.7	2060.9	2226.3	2370.9
42.5°	767.1	909.6	1071.9	1253.0	1459.5	1665.1	1869.5	2060.9	2240.4	2399.7	2545.0
40°	833.3	984.1	1176.1	1384.0	1601.8	1821.1	2029.5	2226.3	2399.7	2558.2	2705.4
37.5°	897.7	1075.5	1279.8	1509.5	1741.2	1967.2	2182.8	2370.9	2545.0	2705.4	2846.5
35°	958.9	1162.4	1390.0	1631.1	1874.3	2104.1	2313.9	2505.5	2678.4	2834.0	2978.3
32.5°	1026.9	1244.6	1494.3	1747.9	1995.7	2229.6	2437.6	2625.0	2796.9	2955.0	3098.3
30°	1097.1	1333.3	1593.2	1857.9	2109.6	2338.4	2546.1	2735.8	2906.4	3062.5	3202.9
27.5°	1162.4	1416.9	1687.6	1957.4	2213.7	2440.5	2645.3	2832.1	3003.7	3160.8	3297.0
25°	1222.8	1494.3	1775.0	2048.5	2301.3	2528.6	2735.3	2922.0	3092.5	3243.4	3375.7
22.5°	1282.4	1565.1	1855.0	2132.1	2381.8	2607.4	2812.2	2999.4	3170.0	3319.5	3446.4
20°	1340.4	1631.1	1925.7	2206.3	2454.9	2679.0	2882.2	3069.0	3235.2	3379.8	3506.2
17.5°	1391.9	1689.9	1987.5	2266.2	2514.9	2740.1	2944.2	3131.6	3293.8	3434.3	3557.8
15°	1437.0	1741.2	2041.6	2318.6	2566.6	2790.9	2995.0	3180.4	3341.4	3480.7	3603.4
12.5°	1475.4	1785.0	2087.7	2363.4	2610.7	2834.3	3038.5	3221.3	3379.6	3517.1	3637.2
10°	1507.0	1821.1	2125.7	2400.3	2647.1	2870.2	3074.5	3255.2	3411.3	3547.4	3665.3
7.5°	1531.6	1849.3	2155.4	2429.1	2675.7	2898.4	3102.7	3281.8	3436.2	3571.2	3687.5
5°	1549.3	1869.5	2176.7	2449.9	2696.1	2918.6	3123.0	3301.0	3454.1	3588.4	3703.6
2.5°	1560.0	1881.6	2189.5	2462.3	2708.5	2930.7	3135.2	3312.5	3465.0	3598.8	3713.3
0°	1563.5	1885.7	2193.8	2466.5	2712.6	2934.8	3139.3	3316.4	3468.6	3602.3	3716.5
-2.5°	1560.0	1881.6	2189.5	2462.3	2708.5	2930.7	3135.2	3312.5	3465.0	3598.8	3713.3
-5°	1549.3	1869.5	2176.7	2449.9	2696.1	2918.6	3123.0	3301.0	3454.1	3588.4	3703.6
-7.5°	1531.6	1849.3	2155.4	2429.1	2675.7	2898.4	3102.7	3281.8	3436.2	3571.2	3687.5
-10°	1507.0	1821.1	2125.7	2400.3	2647.1	2870.2	3074.5	3255.2	3411.3	3547.4	3665.3
-12.5°	1475.4	1785.0	2087.7	2363.4	2610.7	2834.3	3038.5	3221.3	3379.6	3517.1	3637.2
-15°	1437.0	1741.2	2041.6	2318.6	2566.6	2790.9	2995.0	3180.4	3341.4	3480.7	3603.4
-17.5°	1391.9	1689.9	1987.5	2266.2	2514.9	2740.1	2944.2	3131.6	3293.8	3434.3	3557.8
-20°	1340.4	1631.1	1925.7	2206.3	2454.9	2679.0	2882.2	3069.0	3235.2	3379.8	3506.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-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°	1282.4	1565.1	1855.0	2132.1	2381.8	2607.4	2812.2	2999.4	3170.0	3319.5	3446.4
-25°	1222.8	1494.3	1775.0	2048.5	2301.3	2528.6	2735.3	2922.0	3092.5	3243.4	3375.7
-27.5°	1162.4	1416.9	1687.6	1957.4	2213.7	2440.5	2645.3	2832.1	3003.7	3160.8	3297.0
-30°	1097.1	1333.3	1593.2	1857.9	2109.6	2338.4	2546.1	2735.8	2906.4	3062.5	3202.9
-32.5°	1026.9	1244.6	1494.3	1747.9	1995.7	2229.6	2437.6	2625.0	2796.9	2955.0	3098.3
-35°	958.9	1162.4	1390.0	1631.1	1874.3	2104.1	2313.9	2505.5	2678.4	2834.0	2978.3
-37.5°	897.7	1075.5	1279.8	1509.5	1741.2	1967.2	2182.8	2370.9	2545.0	2705.4	2846.5
-40°	833.3	984.1	1176.1	1384.0	1601.8	1821.1	2029.5	2226.3	2399.7	2558.2	2705.4
-42.5°	767.1	909.6	1071.9	1253.0	1459.5	1665.1	1869.5	2060.9	2240.4	2399.7	2545.0
-45°	708.3	832.4	967.6	1135.5	1313.0	1505.2	1697.0	1885.7	2060.9	2226.3	2370.9
-47.5°	647.2	755.9	880.6	1014.0	1173.9	1343.2	1520.5	1697.0	1869.5	2029.5	2182.8
-50°	587.4	686.8	790.8	909.8	1039.5	1186.8	1343.2	1505.2	1665.1	1821.1	1967.2
-52.5°	535.7	615.5	710.8	810.1	919.6	1039.5	1173.9	1313.0	1459.5	1601.8	1741.2
-55°	482.6	554.4	631.4	718.8	810.1	909.8	1014.0	1135.5	1253.0	1384.0	1509.5
-57.5°	436.5	495.0	560.7	631.4	710.8	790.8	880.6	967.6	1071.9	1176.1	1279.8
-60°	394.0	441.2	495.0	554.4	615.5	686.8	755.9	832.4	909.6	984.1	1075.5
-62.5°	351.6	394.0	436.5	482.6	535.7	587.4	647.2	708.3	767.1	833.3	897.7
-65°	312.7	347.5	384.7	422.4	459.2	504.9	550.2	594.0	645.7	696.7	745.3
-67.5°	273.1	304.5	335.2	366.1	399.2	431.3	462.3	501.4	539.2	575.3	612.3
-70°	231.2	260.6	288.2	314.9	340.8	367.0	394.5	421.0	446.5	473.4	503.8
-72.5°	188.6	214.3	239.4	263.9	286.7	308.7	329.9	350.4	371.5	392.8	413.0
-75°	147.7	167.7	189.1	210.0	230.4	250.2	269.1	286.6	303.4	319.4	334.6
-77.5°	108.1	124.8	141.2	157.1	172.8	189.2	205.1	220.3	234.9	248.9	262.2
-80°	72.6	81.8	94.7	107.4	119.8	131.7	143.2	154.3	164.9	175.6	186.2
-82.5°	45.1	52.0	58.7	65.3	71.6	77.8	84.4	92.7	100.6	108.2	115.4
-85°	20.4	22.1	26.5	30.9	35.1	39.2	43.2	47.0	50.6	54.1	57.4
-87.5°	10.2	11.0	11.9	12.7	13.5	14.2	14.9	15.6	16.3	16.9	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



REPORT NUMBER: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	18.1	18.6	19.1	19.6	20.0	20.4	20.8	21.1	21.3	21.6	21.8
85°	60.5	63.4	66.1	68.7	71.0	73.1	75.0	76.7	78.2	79.4	80.5
82.5°	122.2	128.6	134.6	140.1	145.2	149.9	154.1	157.8	161.0	163.7	166.0
80°	196.2	205.6	214.4	222.5	230.0	236.8	243.0	248.5	253.2	257.3	260.6
77.5°	274.3	285.6	296.1	305.9	314.9	323.0	330.4	337.0	342.7	347.5	351.5
75°	349.0	363.1	377.5	390.8	403.1	414.3	424.4	433.4	441.2	447.8	453.3
72.5°	432.1	450.1	468.2	488.8	507.7	525.0	540.6	554.4	566.5	576.7	585.1
70°	532.7	559.9	585.3	611.3	638.9	664.1	686.8	707.0	724.6	739.5	751.8
67.5°	653.6	692.5	729.0	762.9	798.2	832.4	863.3	890.8	914.7	935.1	951.8
65°	795.0	847.1	896.0	941.5	984.1	1033.7	1078.6	1118.4	1153.3	1182.9	1207.3
62.5°	958.9	1026.9	1097.1	1162.4	1222.8	1282.4	1340.4	1391.9	1437.0	1475.4	1507.0
60°	1162.4	1244.6	1333.3	1416.9	1494.3	1565.1	1631.1	1689.9	1741.2	1785.0	1821.1
57.5°	1390.0	1494.3	1593.2	1687.6	1775.0	1855.0	1925.7	1987.5	2041.6	2087.7	2125.7
55°	1631.1	1747.9	1857.9	1957.4	2048.5	2132.1	2206.3	2266.2	2318.6	2363.4	2400.3
52.5°	1874.3	1995.7	2109.6	2213.7	2301.3	2381.8	2454.9	2514.9	2566.6	2610.7	2647.1
50°	2104.1	2229.6	2338.4	2440.5	2528.6	2607.4	2679.0	2740.1	2790.9	2834.3	2870.2
47.5°	2313.9	2437.6	2546.1	2645.3	2735.3	2812.2	2882.2	2944.2	2995.0	3038.5	3074.5
45°	2505.5	2625.0	2735.8	2832.1	2922.0	2999.4	3069.0	3131.6	3180.4	3221.3	3255.2
42.5°	2678.4	2796.9	2906.4	3003.7	3092.5	3170.0	3235.2	3293.8	3341.4	3379.6	3411.3
40°	2834.0	2955.0	3062.5	3160.8	3243.4	3319.5	3379.8	3434.3	3480.7	3517.1	3547.4
37.5°	2978.3	3098.3	3202.9	3297.0	3375.7	3446.4	3506.2	3557.8	3603.4	3637.2	3665.3
35°	3110.3	3224.2	3327.8	3413.9	3491.9	3558.6	3617.4	3665.1	3707.4	3739.6	3765.3
32.5°	3224.2	3337.2	3433.3	3518.1	3594.3	3656.5	3713.0	3756.6	3795.0	3826.0	3849.9
30°	3327.8	3433.3	3526.9	3611.0	3680.4	3741.0	3791.8	3834.4	3869.9	3899.5	3920.5
27.5°	3413.9	3518.1	3611.0	3688.5	3754.9	3813.2	3859.8	3900.8	3931.8	3959.0	3977.0
25°	3491.9	3594.3	3680.4	3754.9	3819.4	3872.7	3917.0	3954.1	3981.6	4004.9	4018.4
22.5°	3558.6	3656.5	3741.0	3813.2	3872.7	3922.4	3964.2	3995.6	4018.2	4032.2	4040.2
20°	3617.4	3713.0	3791.8	3859.8	3917.0	3964.2	4000.4	4023.7	4039.3	4043.2	4045.5
17.5°	3665.1	3756.6	3834.4	3900.8	3954.1	3995.6	4023.7	4040.1	4044.8	4043.9	4041.5
15°	3707.4	3795.0	3869.9	3931.8	3981.6	4018.2	4039.3	4044.8	4043.4	4038.6	4031.3
12.5°	3739.6	3826.0	3899.5	3959.0	4004.9	4032.2	4043.2	4043.9	4038.6	4029.5	4019.2
10°	3765.3	3849.9	3920.5	3977.0	4018.4	4040.2	4045.5	4041.5	4031.3	4019.2	4007.7
7.5°	3785.6	3868.8	3937.1	3991.4	4027.1	4042.6	4043.8	4036.4	4024.1	4010.4	3998.0
5°	3800.2	3882.5	3949.3	4001.9	4033.6	4044.4	4042.5	4032.4	4018.1	4003.8	3992.4
2.5°	3809.1	3890.8	3956.6	4008.3	4037.5	4045.5	4041.7	4029.9	4014.4	3999.6	3988.7
0°	3812.1	3893.6	3959.1	4010.5	4038.8	4045.9	4041.4	4029.0	4013.1	3998.1	3987.4
-2.5°	3809.1	3890.8	3956.6	4008.3	4037.5	4045.5	4041.7	4029.9	4014.4	3999.6	3988.7
-5°	3800.2	3882.5	3949.3	4001.9	4033.6	4044.4	4042.5	4032.4	4018.1	4003.8	3992.4
-7.5°	3785.6	3868.8	3937.1	3991.4	4027.1	4042.6	4043.8	4036.4	4024.1	4010.4	3998.0
-10°	3765.3	3849.9	3920.5	3977.0	4018.4	4040.2	4045.5	4041.5	4031.3	4019.2	4007.7
-12.5°	3739.6	3826.0	3899.5	3959.0	4004.9	4032.2	4043.2	4043.9	4038.6	4029.5	4019.2
-15°	3707.4	3795.0	3869.9	3931.8	3981.6	4018.2	4039.3	4044.8	4043.4	4038.6	4031.3
-17.5°	3665.1	3756.6	3834.4	3900.8	3954.1	3995.6	4023.7	4040.1	4044.8	4043.9	4041.5
-20°	3617.4	3713.0	3791.8	3859.8	3917.0	3964.2	4000.4	4023.7	4039.3	4043.2	4045.5



REPORT NUMBER: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	3558.6	3656.5	3741.0	3813.2	3872.7	3922.4	3964.2	3995.6	4018.2	4032.2	4040.2
-25°	3491.9	3594.3	3680.4	3754.9	3819.4	3872.7	3917.0	3954.1	3981.6	4004.9	4018.4
-27.5°	3413.9	3518.1	3611.0	3688.5	3754.9	3813.2	3859.8	3900.8	3931.8	3959.0	3977.0
-30°	3327.8	3433.3	3526.9	3611.0	3680.4	3741.0	3791.8	3834.4	3869.9	3899.5	3920.5
-32.5°	3224.2	3337.2	3433.3	3518.1	3594.3	3656.5	3713.0	3756.6	3795.0	3826.0	3849.9
-35°	3110.3	3224.2	3327.8	3413.9	3491.9	3558.6	3617.4	3665.1	3707.4	3739.6	3765.3
-37.5°	2978.3	3098.3	3202.9	3297.0	3375.7	3446.4	3506.2	3557.8	3603.4	3637.2	3665.3
-40°	2834.0	2955.0	3062.5	3160.8	3243.4	3319.5	3379.8	3434.3	3480.7	3517.1	3547.4
-42.5°	2678.4	2796.9	2906.4	3003.7	3092.5	3170.0	3235.2	3293.8	3341.4	3379.6	3411.3
-45°	2505.5	2625.0	2735.8	2832.1	2922.0	2999.4	3069.0	3131.6	3180.4	3221.3	3255.2
-47.5°	2313.9	2437.6	2546.1	2645.3	2735.3	2812.2	2882.2	2944.2	2995.0	3038.5	3074.5
-50°	2104.1	2229.6	2338.4	2440.5	2528.6	2607.4	2679.0	2740.1	2790.9	2834.3	2870.2
-52.5°	1874.3	1995.7	2109.6	2213.7	2301.3	2381.8	2454.9	2514.9	2566.6	2610.7	2647.1
-55°	1631.1	1747.9	1857.9	1957.4	2048.5	2132.1	2206.3	2266.2	2318.6	2363.4	2400.3
-57.5°	1390.0	1494.3	1593.2	1687.6	1775.0	1855.0	1925.7	1987.5	2041.6	2087.7	2125.7
-60°	1162.4	1244.6	1333.3	1416.9	1494.3	1565.1	1631.1	1689.9	1741.2	1785.0	1821.1
-62.5°	958.9	1026.9	1097.1	1162.4	1222.8	1282.4	1340.4	1391.9	1437.0	1475.4	1507.0
-65°	795.0	847.1	896.0	941.5	984.1	1033.7	1078.6	1118.4	1153.3	1182.9	1207.3
-67.5°	653.6	692.5	729.0	762.9	798.2	832.4	863.3	890.8	914.7	935.1	951.8
-70°	532.7	559.9	585.3	611.3	638.9	664.1	686.8	707.0	724.6	739.5	751.8
-72.5°	432.1	450.1	468.2	488.8	507.7	525.0	540.6	554.4	566.5	576.7	585.1
-75°	349.0	363.1	377.5	390.8	403.1	414.3	424.4	433.4	441.2	447.8	453.3
-77.5°	274.3	285.6	296.1	305.9	314.9	323.0	330.4	337.0	342.7	347.5	351.5
-80°	196.2	205.6	214.4	222.5	230.0	236.8	243.0	248.5	253.2	257.3	260.6
-82.5°	122.2	128.6	134.6	140.1	145.2	149.9	154.1	157.8	161.0	163.7	166.0
-85°	60.5	63.4	66.1	68.7	71.0	73.1	75.0	76.7	78.2	79.4	80.5
-87.5°	18.1	18.6	19.1	19.6	20.0	20.4	20.8	21.1	21.3	21.6	21.8
-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: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	21.9	22.0	22.1	22.1	22.1	22.0	21.9	21.8	21.6	21.3	21.1
85°	81.3	81.8	82.2	82.3	82.2	81.8	81.3	80.5	79.4	78.2	76.7
82.5°	167.7	169.0	169.7	170.0	169.7	169.0	167.7	166.0	163.7	161.0	157.8
80°	263.2	265.0	266.1	266.5	266.1	265.0	263.2	260.6	257.3	253.2	248.5
77.5°	354.6	356.8	358.2	358.6	358.2	356.8	354.6	351.5	347.5	342.7	337.0
75°	457.5	460.6	462.4	463.0	462.4	460.6	457.5	453.3	447.8	441.2	433.4
72.5°	591.7	596.4	599.3	600.2	599.3	596.4	591.7	585.1	576.7	566.5	554.4
70°	761.4	768.3	772.4	773.8	772.4	768.3	761.4	751.8	739.5	724.6	707.0
67.5°	964.9	974.3	979.9	981.8	979.9	974.3	964.9	951.8	935.1	914.7	890.8
65°	1226.3	1240.0	1248.2	1250.9	1248.2	1240.0	1226.3	1207.3	1182.9	1153.3	1118.4
62.5°	1531.6	1549.3	1560.0	1563.5	1560.0	1549.3	1531.6	1507.0	1475.4	1437.0	1391.9
60°	1849.3	1869.5	1881.6	1885.7	1881.6	1869.5	1849.3	1821.1	1785.0	1741.2	1689.9
57.5°	2155.4	2176.7	2189.5	2193.8	2189.5	2176.7	2155.4	2125.7	2087.7	2041.6	1987.5
55°	2429.1	2449.9	2462.3	2466.5	2462.3	2449.9	2429.1	2400.3	2363.4	2318.6	2266.2
52.5°	2675.7	2696.1	2708.5	2712.6	2708.5	2696.1	2675.7	2647.1	2610.7	2566.6	2514.9
50°	2898.4	2918.6	2930.7	2934.8	2930.7	2918.6	2898.4	2870.2	2834.3	2790.9	2740.1
47.5°	3102.7	3123.0	3135.2	3139.3	3135.2	3123.0	3102.7	3074.5	3038.5	2995.0	2944.2
45°	3281.8	3301.0	3312.5	3316.4	3312.5	3301.0	3281.8	3255.2	3221.3	3180.4	3131.6
42.5°	3436.2	3454.1	3465.0	3468.6	3465.0	3454.1	3436.2	3411.3	3379.6	3341.4	3293.8
40°	3571.2	3588.4	3598.8	3602.3	3598.8	3588.4	3571.2	3547.4	3517.1	3480.7	3434.3
37.5°	3687.5	3703.6	3713.3	3716.5	3713.3	3703.6	3687.5	3665.3	3637.2	3603.4	3557.8
35°	3785.6	3800.2	3809.1	3812.1	3809.1	3800.2	3785.6	3765.3	3739.6	3707.4	3665.1
32.5°	3868.8	3882.5	3890.8	3893.6	3890.8	3882.5	3868.8	3849.9	3826.0	3795.0	3756.6
30°	3937.1	3949.3	3956.6	3959.1	3956.6	3949.3	3937.1	3920.5	3899.5	3869.9	3834.4
27.5°	3991.4	4001.9	4008.3	4010.5	4008.3	4001.9	3991.4	3977.0	3959.0	3931.8	3900.8
25°	4027.1	4033.6	4037.5	4038.8	4037.5	4033.6	4027.1	4018.4	4004.9	3981.6	3954.1
22.5°	4042.6	4044.4	4045.5	4045.9	4045.5	4044.4	4042.6	4040.2	4032.2	4018.2	3995.6
20°	4043.8	4042.5	4041.7	4041.4	4041.7	4042.5	4043.8	4045.5	4043.2	4039.3	4023.7
17.5°	4036.4	4032.4	4029.9	4029.0	4029.9	4032.4	4036.4	4041.5	4043.9	4044.8	4040.1
15°	4024.1	4018.1	4014.4	4013.1	4014.4	4018.1	4024.1	4031.3	4038.6	4043.4	4044.8
12.5°	4010.4	4003.8	3999.6	3998.1	3999.6	4003.8	4010.4	4019.2	4029.5	4038.6	4043.9
10°	3998.0	3992.4	3988.7	3987.4	3988.7	3992.4	3998.0	4007.7	4019.2	4031.3	4041.5
7.5°	3989.9	3984.9	3982.2	3981.2	3982.2	3984.9	3989.9	3998.0	4010.4	4024.1	4036.4
5°	3984.9	3980.0	3975.8	3974.2	3975.8	3980.0	3984.9	3992.4	4003.8	4018.1	4032.4
2.5°	3982.2	3975.8	3969.5	3966.2	3969.5	3975.8	3982.2	3988.7	3999.6	4014.4	4029.9
0°	3981.2	3974.2	3966.2	3967.1	3966.2	3974.2	3981.2	3987.4	3998.1	4013.1	4029.0
-2.5°	3982.2	3975.8	3969.5	3966.2	3969.5	3975.8	3982.2	3988.7	3999.6	4014.4	4029.9
-5°	3984.9	3980.0	3975.8	3974.2	3975.8	3980.0	3984.9	3992.4	4003.8	4018.1	4032.4
-7.5°	3989.9	3984.9	3982.2	3981.2	3982.2	3984.9	3989.9	3998.0	4010.4	4024.1	4036.4
-10°	3998.0	3992.4	3988.7	3987.4	3988.7	3992.4	3998.0	4007.7	4019.2	4031.3	4041.5
-12.5°	4010.4	4003.8	3999.6	3998.1	3999.6	4003.8	4010.4	4019.2	4029.5	4038.6	4043.9
-15°	4024.1	4018.1	4014.4	4013.1	4014.4	4018.1	4024.1	4031.3	4038.6	4043.4	4044.8
-17.5°	4036.4	4032.4	4029.9	4029.0	4029.9	4032.4	4036.4	4041.5	4043.9	4044.8	4040.1
-20°	4043.8	4042.5	4041.7	4041.4	4041.7	4042.5	4043.8	4045.5	4043.2	4039.3	4023.7

Classified

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

Scaled Data Report



REPORT NUMBER: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-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°	4042.6	4044.4	4045.5	4045.9	4045.5	4044.4	4042.6	4040.2	4032.2	4018.2	3995.6
-25°	4027.1	4033.6	4037.5	4038.8	4037.5	4033.6	4027.1	4018.4	4004.9	3981.6	3954.1
-27.5°	3991.4	4001.9	4008.3	4010.5	4008.3	4001.9	3991.4	3977.0	3959.0	3931.8	3900.8
-30°	3937.1	3949.3	3956.6	3959.1	3956.6	3949.3	3937.1	3920.5	3899.5	3869.9	3834.4
-32.5°	3868.8	3882.5	3890.8	3893.6	3890.8	3882.5	3868.8	3849.9	3826.0	3795.0	3756.6
-35°	3785.6	3800.2	3809.1	3812.1	3809.1	3800.2	3785.6	3765.3	3739.6	3707.4	3665.1
-37.5°	3687.5	3703.6	3713.3	3716.5	3713.3	3703.6	3687.5	3665.3	3637.2	3603.4	3557.8
-40°	3571.2	3588.4	3598.8	3602.3	3598.8	3588.4	3571.2	3547.4	3517.1	3480.7	3434.3
-42.5°	3436.2	3454.1	3465.0	3468.6	3465.0	3454.1	3436.2	3411.3	3379.6	3341.4	3293.8
-45°	3281.8	3301.0	3312.5	3316.4	3312.5	3301.0	3281.8	3255.2	3221.3	3180.4	3131.6
-47.5°	3102.7	3123.0	3135.2	3139.3	3135.2	3123.0	3102.7	3074.5	3038.5	2995.0	2944.2
-50°	2898.4	2918.6	2930.7	2934.8	2930.7	2918.6	2898.4	2870.2	2834.3	2790.9	2740.1
-52.5°	2675.7	2696.1	2708.5	2712.6	2708.5	2696.1	2675.7	2647.1	2610.7	2566.6	2514.9
-55°	2429.1	2449.9	2462.3	2466.5	2462.3	2449.9	2429.1	2400.3	2363.4	2318.6	2266.2
-57.5°	2155.4	2176.7	2189.5	2193.8	2189.5	2176.7	2155.4	2125.7	2087.7	2041.6	1987.5
-60°	1849.3	1869.5	1881.6	1885.7	1881.6	1869.5	1849.3	1821.1	1785.0	1741.2	1689.9
-62.5°	1531.6	1549.3	1560.0	1563.5	1560.0	1549.3	1531.6	1507.0	1475.4	1437.0	1391.9
-65°	1226.3	1240.0	1248.2	1250.9	1248.2	1240.0	1226.3	1207.3	1182.9	1153.3	1118.4
-67.5°	964.9	974.3	979.9	981.8	979.9	974.3	964.9	951.8	935.1	914.7	890.8
-70°	761.4	768.3	772.4	773.8	772.4	768.3	761.4	751.8	739.5	724.6	707.0
-72.5°	591.7	596.4	599.3	600.2	599.3	596.4	591.7	585.1	576.7	566.5	554.4
-75°	457.5	460.6	462.4	463.0	462.4	460.6	457.5	453.3	447.8	441.2	433.4
-77.5°	354.6	356.8	358.2	358.6	358.2	356.8	354.6	351.5	347.5	342.7	337.0
-80°	263.2	265.0	266.1	266.5	266.1	265.0	263.2	260.6	257.3	253.2	248.5
-82.5°	167.7	169.0	169.7	170.0	169.7	169.0	167.7	166.0	163.7	161.0	157.8
-85°	81.3	81.8	82.2	82.3	82.2	81.8	81.3	80.5	79.4	78.2	76.7
-87.5°	21.9	22.0	22.1	22.1	22.1	22.0	21.9	21.8	21.6	21.3	21.1
-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: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	20.8	20.4	20.0	19.6	19.1	18.6	18.1	17.5	16.9	16.3	15.6
85°	75.0	73.1	71.0	68.7	66.1	63.4	60.5	57.4	54.1	50.6	47.0
82.5°	154.1	149.9	145.2	140.1	134.6	128.6	122.2	115.4	108.2	100.6	92.7
80°	243.0	236.8	230.0	222.5	214.4	205.6	196.2	186.2	175.6	164.9	154.3
77.5°	330.4	323.0	314.9	305.9	296.1	285.6	274.3	262.2	248.9	234.9	220.3
75°	424.4	414.3	403.1	390.8	377.5	363.1	349.0	334.6	319.4	303.4	286.6
72.5°	540.6	525.0	507.7	488.8	468.2	450.1	432.1	413.0	392.8	371.5	350.4
70°	686.8	664.1	638.9	611.3	585.3	559.9	532.7	503.8	473.4	446.5	421.0
67.5°	863.3	832.4	798.2	762.9	729.0	692.5	653.6	612.3	575.3	539.2	501.4
65°	1078.6	1033.7	984.1	941.5	896.0	847.1	795.0	745.3	696.7	645.7	594.0
62.5°	1340.4	1282.4	1222.8	1162.4	1097.1	1026.9	958.9	897.7	833.3	767.1	708.3
60°	1631.1	1565.1	1494.3	1416.9	1333.3	1244.6	1162.4	1075.5	984.1	909.6	832.4
57.5°	1925.7	1855.0	1775.0	1687.6	1593.2	1494.3	1390.0	1279.8	1176.1	1071.9	967.6
55°	2206.3	2132.1	2048.5	1957.4	1857.9	1747.9	1631.1	1509.5	1384.0	1253.0	1135.5
52.5°	2454.9	2381.8	2301.3	2213.7	2109.6	1995.7	1874.3	1741.2	1601.8	1459.5	1313.0
50°	2679.0	2607.4	2528.6	2440.5	2338.4	2229.6	2104.1	1967.2	1821.1	1665.1	1505.2
47.5°	2882.2	2812.2	2735.3	2645.3	2546.1	2437.6	2313.9	2182.8	2029.5	1869.5	1697.0
45°	3069.0	2999.4	2922.0	2832.1	2735.8	2625.0	2505.5	2370.9	2226.3	2060.9	1885.7
42.5°	3235.2	3170.0	3092.5	3003.7	2906.4	2796.9	2678.4	2545.0	2399.7	2240.4	2060.9
40°	3379.8	3319.5	3243.4	3160.8	3062.5	2955.0	2834.0	2705.4	2558.2	2399.7	2226.3
37.5°	3506.2	3446.4	3375.7	3297.0	3202.9	3098.3	2978.3	2846.5	2705.4	2545.0	2370.9
35°	3617.4	3558.6	3491.9	3413.9	3327.8	3224.2	3110.3	2978.3	2834.0	2678.4	2505.5
32.5°	3713.0	3656.5	3594.3	3518.1	3433.3	3337.2	3224.2	3098.3	2955.0	2796.9	2625.0
30°	3791.8	3741.0	3680.4	3611.0	3526.9	3433.3	3327.8	3202.9	3062.5	2906.4	2735.8
27.5°	3859.8	3813.2	3754.9	3688.5	3611.0	3518.1	3413.9	3297.0	3160.8	3003.7	2832.1
25°	3917.0	3872.7	3819.4	3754.9	3680.4	3594.3	3491.9	3375.7	3243.4	3092.5	2922.0
22.5°	3964.2	3922.4	3872.7	3813.2	3741.0	3656.5	3558.6	3446.4	3319.5	3170.0	2999.4
20°	4000.4	3964.2	3917.0	3859.8	3791.8	3713.0	3617.4	3506.2	3379.8	3235.2	3069.0
17.5°	4023.7	3995.6	3954.1	3900.8	3834.4	3756.6	3665.1	3557.8	3434.3	3293.8	3131.6
15°	4039.3	4018.2	3981.6	3931.8	3869.9	3795.0	3707.4	3603.4	3480.7	3341.4	3180.4
12.5°	4043.2	4032.2	4004.9	3959.0	3899.5	3826.0	3739.6	3637.2	3517.1	3379.6	3221.3
10°	4045.5	4040.2	4018.4	3977.0	3920.5	3849.9	3765.3	3665.3	3547.4	3411.3	3255.2
7.5°	4043.8	4042.6	4027.1	3991.4	3937.1	3868.8	3785.6	3687.5	3571.2	3436.2	3281.8
5°	4042.5	4044.4	4033.6	4001.9	3949.3	3882.5	3800.2	3703.6	3588.4	3454.1	3301.0
2.5°	4041.7	4045.5	4037.5	4008.3	3956.6	3890.8	3809.1	3713.3	3598.8	3465.0	3312.5
0°	4041.4	4045.9	4038.8	4010.5	3959.1	3893.6	3812.1	3716.5	3602.3	3468.6	3316.4
-2.5°	4041.7	4045.5	4037.5	4008.3	3956.6	3890.8	3809.1	3713.3	3598.8	3465.0	3312.5
-5°	4042.5	4044.4	4033.6	4001.9	3949.3	3882.5	3800.2	3703.6	3588.4	3454.1	3301.0
-7.5°	4043.8	4042.6	4027.1	3991.4	3937.1	3868.8	3785.6	3687.5	3571.2	3436.2	3281.8
-10°	4045.5	4040.2	4018.4	3977.0	3920.5	3849.9	3765.3	3665.3	3547.4	3411.3	3255.2
-12.5°	4043.2	4032.2	4004.9	3959.0	3899.5	3826.0	3739.6	3637.2	3517.1	3379.6	3221.3
-15°	4039.3	4018.2	3981.6	3931.8	3869.9	3795.0	3707.4	3603.4	3480.7	3341.4	3180.4
-17.5°	4023.7	3995.6	3954.1	3900.8	3834.4	3756.6	3665.1	3557.8	3434.3	3293.8	3131.6
-20°	4000.4	3964.2	3917.0	3859.8	3791.8	3713.0	3617.4	3506.2	3379.8	3235.2	3069.0



REPORT NUMBER: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	3964.2	3922.4	3872.7	3813.2	3741.0	3656.5	3558.6	3446.4	3319.5	3170.0	2999.4
-25°	3917.0	3872.7	3819.4	3754.9	3680.4	3594.3	3491.9	3375.7	3243.4	3092.5	2922.0
-27.5°	3859.8	3813.2	3754.9	3688.5	3611.0	3518.1	3413.9	3297.0	3160.8	3003.7	2832.1
-30°	3791.8	3741.0	3680.4	3611.0	3526.9	3433.3	3327.8	3202.9	3062.5	2906.4	2735.8
-32.5°	3713.0	3656.5	3594.3	3518.1	3433.3	3337.2	3224.2	3098.3	2955.0	2796.9	2625.0
-35°	3617.4	3558.6	3491.9	3413.9	3327.8	3224.2	3110.3	2978.3	2834.0	2678.4	2505.5
-37.5°	3506.2	3446.4	3375.7	3297.0	3202.9	3098.3	2978.3	2846.5	2705.4	2545.0	2370.9
-40°	3379.8	3319.5	3243.4	3160.8	3062.5	2955.0	2834.0	2705.4	2558.2	2399.7	2226.3
-42.5°	3235.2	3170.0	3092.5	3003.7	2906.4	2796.9	2678.4	2545.0	2399.7	2240.4	2060.9
-45°	3069.0	2999.4	2922.0	2832.1	2735.8	2625.0	2505.5	2370.9	2226.3	2060.9	1885.7
-47.5°	2882.2	2812.2	2735.3	2645.3	2546.1	2437.6	2313.9	2182.8	2029.5	1869.5	1697.0
-50°	2679.0	2607.4	2528.6	2440.5	2338.4	2229.6	2104.1	1967.2	1821.1	1665.1	1505.2
-52.5°	2454.9	2381.8	2301.3	2213.7	2109.6	1995.7	1874.3	1741.2	1601.8	1459.5	1313.0
-55°	2206.3	2132.1	2048.5	1957.4	1857.9	1747.9	1631.1	1509.5	1384.0	1253.0	1135.5
-57.5°	1925.7	1855.0	1775.0	1687.6	1593.2	1494.3	1390.0	1279.8	1176.1	1071.9	967.6
-60°	1631.1	1565.1	1494.3	1416.9	1333.3	1244.6	1162.4	1075.5	984.1	909.6	832.4
-62.5°	1340.4	1282.4	1222.8	1162.4	1097.1	1026.9	958.9	897.7	833.3	767.1	708.3
-65°	1078.6	1033.7	984.1	941.5	896.0	847.1	795.0	745.3	696.7	645.7	594.0
-67.5°	863.3	832.4	798.2	762.9	729.0	692.5	653.6	612.3	575.3	539.2	501.4
-70°	686.8	664.1	638.9	611.3	585.3	559.9	532.7	503.8	473.4	446.5	421.0
-72.5°	540.6	525.0	507.7	488.8	468.2	450.1	432.1	413.0	392.8	371.5	350.4
-75°	424.4	414.3	403.1	390.8	377.5	363.1	349.0	334.6	319.4	303.4	286.6
-77.5°	330.4	323.0	314.9	305.9	296.1	285.6	274.3	262.2	248.9	234.9	220.3
-80°	243.0	236.8	230.0	222.5	214.4	205.6	196.2	186.2	175.6	164.9	154.3
-82.5°	154.1	149.9	145.2	140.1	134.6	128.6	122.2	115.4	108.2	100.6	92.7
-85°	75.0	73.1	71.0	68.7	66.1	63.4	60.5	57.4	54.1	50.6	47.0
-87.5°	20.8	20.4	20.0	19.6	19.1	18.6	18.1	17.5	16.9	16.3	15.6
-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: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	14.9	14.2	13.5	12.7	11.9	11.0	10.2	9.3	8.5	7.6	6.6
85°	43.2	39.2	35.1	30.9	26.5	22.1	20.4	18.7	16.9	15.1	13.3
82.5°	84.4	77.8	71.6	65.3	58.7	52.0	45.1	38.0	30.8	23.5	19.9
80°	143.2	131.7	119.8	107.4	94.7	81.8	72.6	63.2	53.7	43.9	34.0
77.5°	205.1	189.2	172.8	157.1	141.2	124.8	108.1	91.0	76.3	64.1	51.8
75°	269.1	250.2	230.4	210.0	189.1	167.7	147.7	127.2	106.3	85.1	69.4
72.5°	329.9	308.7	286.7	263.9	239.4	214.3	188.6	163.0	138.7	114.0	88.9
70°	394.5	367.0	340.8	314.9	288.2	260.6	231.2	201.3	170.8	142.6	114.0
67.5°	462.3	431.3	399.2	366.1	335.2	304.5	273.1	239.8	205.6	170.8	138.7
65°	550.2	504.9	459.2	422.4	384.7	347.5	312.7	277.1	239.8	201.3	163.0
62.5°	647.2	587.4	535.7	482.6	436.5	394.0	351.6	312.7	273.1	231.2	188.6
60°	755.9	686.8	615.5	554.4	495.0	441.2	394.0	347.5	304.5	260.6	214.3
57.5°	880.6	790.8	710.8	631.4	560.7	495.0	436.5	384.7	335.2	288.2	239.4
55°	1014.0	909.8	810.1	718.8	631.4	554.4	482.6	422.4	366.1	314.9	263.9
52.5°	1173.9	1039.5	919.6	810.1	710.8	615.5	535.7	459.2	399.2	340.8	286.7
50°	1343.2	1186.8	1039.5	909.8	790.8	686.8	587.4	504.9	431.3	367.0	308.7
47.5°	1520.5	1343.2	1173.9	1014.0	880.6	755.9	647.2	550.2	462.3	394.5	329.9
45°	1697.0	1505.2	1313.0	1135.5	967.6	832.4	708.3	594.0	501.4	421.0	350.4
42.5°	1869.5	1665.1	1459.5	1253.0	1071.9	909.6	767.1	645.7	539.2	446.5	371.5
40°	2029.5	1821.1	1601.8	1384.0	1176.1	984.1	833.3	696.7	575.3	473.4	392.8
37.5°	2182.8	1967.2	1741.2	1509.5	1279.8	1075.5	897.7	745.3	612.3	503.8	413.0
35°	2313.9	2104.1	1874.3	1631.1	1390.0	1162.4	958.9	795.0	653.6	532.7	432.1
32.5°	2437.6	2229.6	1995.7	1747.9	1494.3	1244.6	1026.9	847.1	692.5	559.9	450.1
30°	2546.1	2338.4	2109.6	1857.9	1593.2	1333.3	1097.1	896.0	729.0	585.3	468.2
27.5°	2645.3	2440.5	2213.7	1957.4	1687.6	1416.9	1162.4	941.5	762.9	611.3	488.8
25°	2735.3	2528.6	2301.3	2048.5	1775.0	1494.3	1222.8	984.1	798.2	638.9	507.7
22.5°	2812.2	2607.4	2381.8	2132.1	1855.0	1565.1	1282.4	1033.7	832.4	664.1	525.0
20°	2882.2	2679.0	2454.9	2206.3	1925.7	1631.1	1340.4	1078.6	863.3	686.8	540.6
17.5°	2944.2	2740.1	2514.9	2266.2	1987.5	1689.9	1391.9	1118.4	890.8	707.0	554.4
15°	2995.0	2790.9	2566.6	2318.6	2041.6	1741.2	1437.0	1153.3	914.7	724.6	566.5
12.5°	3038.5	2834.3	2610.7	2363.4	2087.7	1785.0	1475.4	1182.9	935.1	739.5	576.7
10°	3074.5	2870.2	2647.1	2400.3	2125.7	1821.1	1507.0	1207.3	951.8	751.8	585.1
7.5°	3102.7	2898.4	2675.7	2429.1	2155.4	1849.3	1531.6	1226.3	964.9	761.4	591.7
5°	3123.0	2918.6	2696.1	2449.9	2176.7	1869.5	1549.3	1240.0	974.3	768.3	596.4
2.5°	3135.2	2930.7	2708.5	2462.3	2189.5	1881.6	1560.0	1248.2	979.9	772.4	599.3
0°	3139.3	2934.8	2712.6	2466.5	2193.8	1885.7	1563.5	1250.9	981.8	773.8	600.2
-2.5°	3135.2	2930.7	2708.5	2462.3	2189.5	1881.6	1560.0	1248.2	979.9	772.4	599.3
-5°	3123.0	2918.6	2696.1	2449.9	2176.7	1869.5	1549.3	1240.0	974.3	768.3	596.4
-7.5°	3102.7	2898.4	2675.7	2429.1	2155.4	1849.3	1531.6	1226.3	964.9	761.4	591.7
-10°	3074.5	2870.2	2647.1	2400.3	2125.7	1821.1	1507.0	1207.3	951.8	751.8	585.1
-12.5°	3038.5	2834.3	2610.7	2363.4	2087.7	1785.0	1475.4	1182.9	935.1	739.5	576.7
-15°	2995.0	2790.9	2566.6	2318.6	2041.6	1741.2	1437.0	1153.3	914.7	724.6	566.5
-17.5°	2944.2	2740.1	2514.9	2266.2	1987.5	1689.9	1391.9	1118.4	890.8	707.0	554.4
-20°	2882.2	2679.0	2454.9	2206.3	1925.7	1631.1	1340.4	1078.6	863.3	686.8	540.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-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°	2812.2	2607.4	2381.8	2132.1	1855.0	1565.1	1282.4	1033.7	832.4	664.1	525.0
-25°	2735.3	2528.6	2301.3	2048.5	1775.0	1494.3	1222.8	984.1	798.2	638.9	507.7
-27.5°	2645.3	2440.5	2213.7	1957.4	1687.6	1416.9	1162.4	941.5	762.9	611.3	488.8
-30°	2546.1	2338.4	2109.6	1857.9	1593.2	1333.3	1097.1	896.0	729.0	585.3	468.2
-32.5°	2437.6	2229.6	1995.7	1747.9	1494.3	1244.6	1026.9	847.1	692.5	559.9	450.1
-35°	2313.9	2104.1	1874.3	1631.1	1390.0	1162.4	958.9	795.0	653.6	532.7	432.1
-37.5°	2182.8	1967.2	1741.2	1509.5	1279.8	1075.5	897.7	745.3	612.3	503.8	413.0
-40°	2029.5	1821.1	1601.8	1384.0	1176.1	984.1	833.3	696.7	575.3	473.4	392.8
-42.5°	1869.5	1665.1	1459.5	1253.0	1071.9	909.6	767.1	645.7	539.2	446.5	371.5
-45°	1697.0	1505.2	1313.0	1135.5	967.6	832.4	708.3	594.0	501.4	421.0	350.4
-47.5°	1520.5	1343.2	1173.9	1014.0	880.6	755.9	647.2	550.2	462.3	394.5	329.9
-50°	1343.2	1186.8	1039.5	909.8	790.8	686.8	587.4	504.9	431.3	367.0	308.7
-52.5°	1173.9	1039.5	919.6	810.1	710.8	615.5	535.7	459.2	399.2	340.8	286.7
-55°	1014.0	909.8	810.1	718.8	631.4	554.4	482.6	422.4	366.1	314.9	263.9
-57.5°	880.6	790.8	710.8	631.4	560.7	495.0	436.5	384.7	335.2	288.2	239.4
-60°	755.9	686.8	615.5	554.4	495.0	441.2	394.0	347.5	304.5	260.6	214.3
-62.5°	647.2	587.4	535.7	482.6	436.5	394.0	351.6	312.7	273.1	231.2	188.6
-65°	550.2	504.9	459.2	422.4	384.7	347.5	312.7	277.1	239.8	201.3	163.0
-67.5°	462.3	431.3	399.2	366.1	335.2	304.5	273.1	239.8	205.6	170.8	138.7
-70°	394.5	367.0	340.8	314.9	288.2	260.6	231.2	201.3	170.8	142.6	114.0
-72.5°	329.9	308.7	286.7	263.9	239.4	214.3	188.6	163.0	138.7	114.0	88.9
-75°	269.1	250.2	230.4	210.0	189.1	167.7	147.7	127.2	106.3	85.1	69.4
-77.5°	205.1	189.2	172.8	157.1	141.2	124.8	108.1	91.0	76.3	64.1	51.8
-80°	143.2	131.7	119.8	107.4	94.7	81.8	72.6	63.2	53.7	43.9	34.0
-82.5°	84.4	77.8	71.6	65.3	58.7	52.0	45.1	38.0	30.8	23.5	19.9
-85°	43.2	39.2	35.1	30.9	26.5	22.1	20.4	18.7	16.9	15.1	13.3
-87.5°	14.9	14.2	13.5	12.7	11.9	11.0	10.2	9.3	8.5	7.6	6.6
-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: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-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°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
85°	11.4	9.6	7.7	5.8	3.8	1.9	0.0
82.5°	17.1	14.3	11.5	8.6	5.8	2.9	0.0
80°	23.9	19.0	15.3	11.5	7.7	3.8	0.0
77.5°	39.2	26.6	19.0	14.3	9.6	4.8	0.0
75°	54.4	39.2	23.9	17.1	11.4	5.7	0.0
72.5°	69.4	51.8	34.0	19.9	13.3	6.6	0.0
70°	85.1	64.1	43.9	23.5	15.1	7.6	0.0
67.5°	106.3	76.3	53.7	30.8	16.9	8.5	0.0
65°	127.2	91.0	63.2	38.0	18.7	9.3	0.0
62.5°	147.7	108.1	72.6	45.1	20.4	10.2	0.0
60°	167.7	124.8	81.8	52.0	22.1	11.0	0.0
57.5°	189.1	141.2	94.7	58.7	26.5	11.9	0.0
55°	210.0	157.1	107.4	65.3	30.9	12.7	0.0
52.5°	230.4	172.8	119.8	71.6	35.1	13.5	0.0
50°	250.2	189.2	131.7	77.8	39.2	14.2	0.0
47.5°	269.1	205.1	143.2	84.4	43.2	14.9	0.0
45°	286.6	220.3	154.3	92.7	47.0	15.6	0.0
42.5°	303.4	234.9	164.9	100.6	50.6	16.3	0.0
40°	319.4	248.9	175.6	108.2	54.1	16.9	0.0
37.5°	334.6	262.2	186.2	115.4	57.4	17.5	0.0
35°	349.0	274.3	196.2	122.2	60.5	18.1	0.0
32.5°	363.1	285.6	205.6	128.6	63.4	18.6	0.0
30°	377.5	296.1	214.4	134.6	66.1	19.1	0.0
27.5°	390.8	305.9	222.5	140.1	68.7	19.6	0.0
25°	403.1	314.9	230.0	145.2	71.0	20.0	0.0
22.5°	414.3	323.0	236.8	149.9	73.1	20.4	0.0
20°	424.4	330.4	243.0	154.1	75.0	20.8	0.0
17.5°	433.4	337.0	248.5	157.8	76.7	21.1	0.0
15°	441.2	342.7	253.2	161.0	78.2	21.3	0.0
12.5°	447.8	347.5	257.3	163.7	79.4	21.6	0.0
10°	453.3	351.5	260.6	166.0	80.5	21.8	0.0
7.5°	457.5	354.6	263.2	167.7	81.3	21.9	0.0
5°	460.6	356.8	265.0	169.0	81.8	22.0	0.0
2.5°	462.4	358.2	266.1	169.7	82.2	22.1	0.0
0°	463.0	358.6	266.5	170.0	82.3	22.1	0.0
-2.5°	462.4	358.2	266.1	169.7	82.2	22.1	0.0
-5°	460.6	356.8	265.0	169.0	81.8	22.0	0.0
-7.5°	457.5	354.6	263.2	167.7	81.3	21.9	0.0
-10°	453.3	351.5	260.6	166.0	80.5	21.8	0.0
-12.5°	447.8	347.5	257.3	163.7	79.4	21.6	0.0
-15°	441.2	342.7	253.2	161.0	78.2	21.3	0.0
-17.5°	433.4	337.0	248.5	157.8	76.7	21.1	0.0
-20°	424.4	330.4	243.0	154.1	75.0	20.8	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645378 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	414.3	323.0	236.8	149.9	73.1	20.4	0.0
-25°	403.1	314.9	230.0	145.2	71.0	20.0	0.0
-27.5°	390.8	305.9	222.5	140.1	68.7	19.6	0.0
-30°	377.5	296.1	214.4	134.6	66.1	19.1	0.0
-32.5°	363.1	285.6	205.6	128.6	63.4	18.6	0.0
-35°	349.0	274.3	196.2	122.2	60.5	18.1	0.0
-37.5°	334.6	262.2	186.2	115.4	57.4	17.5	0.0
-40°	319.4	248.9	175.6	108.2	54.1	16.9	0.0
-42.5°	303.4	234.9	164.9	100.6	50.6	16.3	0.0
-45°	286.6	220.3	154.3	92.7	47.0	15.6	0.0
-47.5°	269.1	205.1	143.2	84.4	43.2	14.9	0.0
-50°	250.2	189.2	131.7	77.8	39.2	14.2	0.0
-52.5°	230.4	172.8	119.8	71.6	35.1	13.5	0.0
-55°	210.0	157.1	107.4	65.3	30.9	12.7	0.0
-57.5°	189.1	141.2	94.7	58.7	26.5	11.9	0.0
-60°	167.7	124.8	81.8	52.0	22.1	11.0	0.0
-62.5°	147.7	108.1	72.6	45.1	20.4	10.2	0.0
-65°	127.2	91.0	63.2	38.0	18.7	9.3	0.0
-67.5°	106.3	76.3	53.7	30.8	16.9	8.5	0.0
-70°	85.1	64.1	43.9	23.5	15.1	7.6	0.0
-72.5°	69.4	51.8	34.0	19.9	13.3	6.6	0.0
-75°	54.4	39.2	23.9	17.1	11.4	5.7	0.0
-77.5°	39.2	26.6	19.0	14.3	9.6	4.8	0.0
-80°	23.9	19.0	15.3	11.5	7.7	3.8	0.0
-82.5°	17.1	14.3	11.5	8.6	5.8	2.9	0.0
-85°	11.4	9.6	7.7	5.8	3.8	1.9	0.0
-87.5°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)