

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: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3C-750-U-LAM-VSR-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645425 (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-SA3C-750-U-LAM-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (48) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

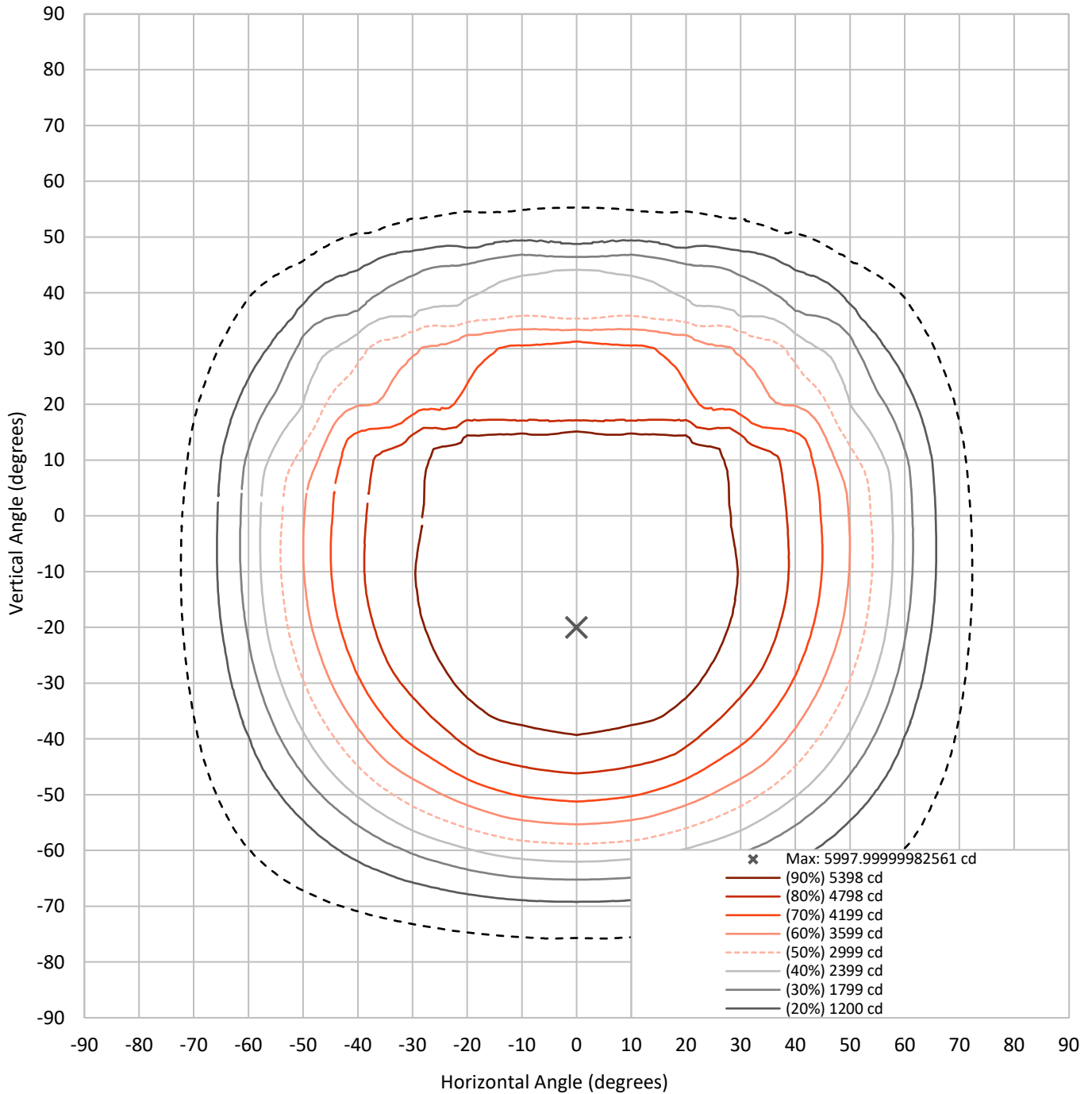
Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	14064.1 lumens	Max Intensity:	5998 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	115.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	10994.5 lumens	Field Lumens:	13784.8 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	121.7		
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: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-750-U-LAM-VSR-XX

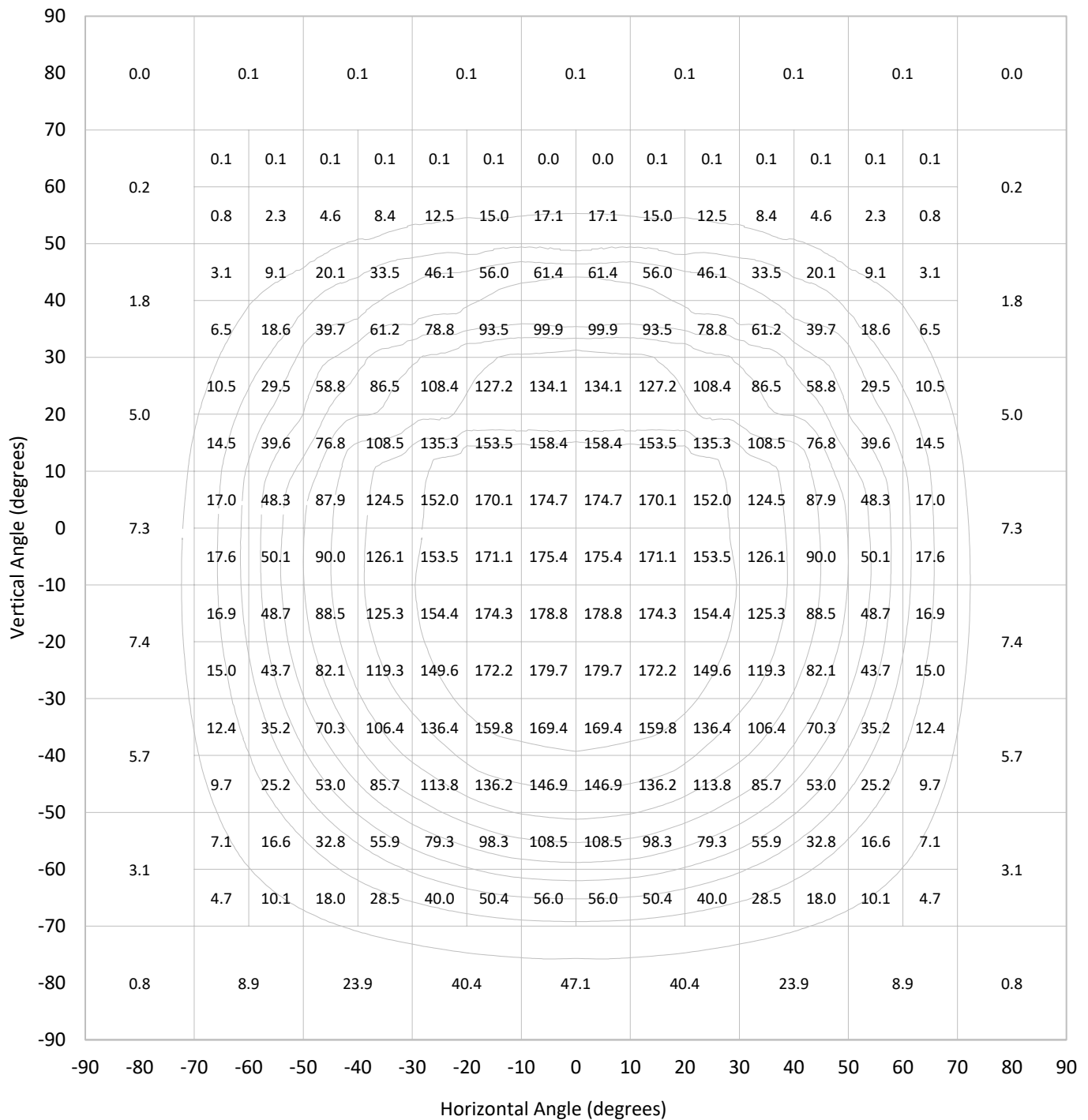
### Iso-Candela Plot





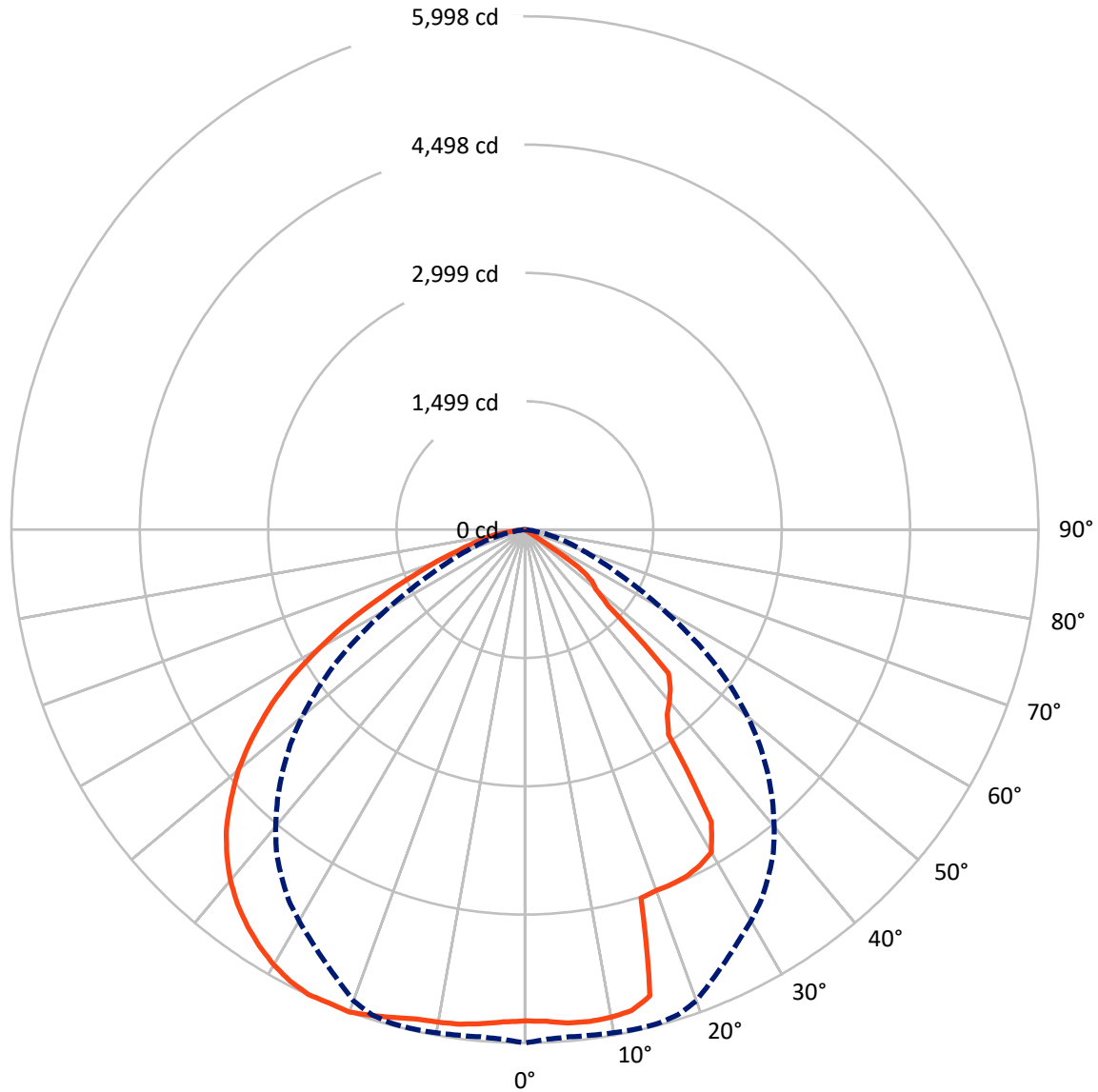
REPORT NUMBER: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-750-U-LAM-VSR-XX

### Lumen Table



REPORT NUMBER: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-750-U-LAM-VSR-XX

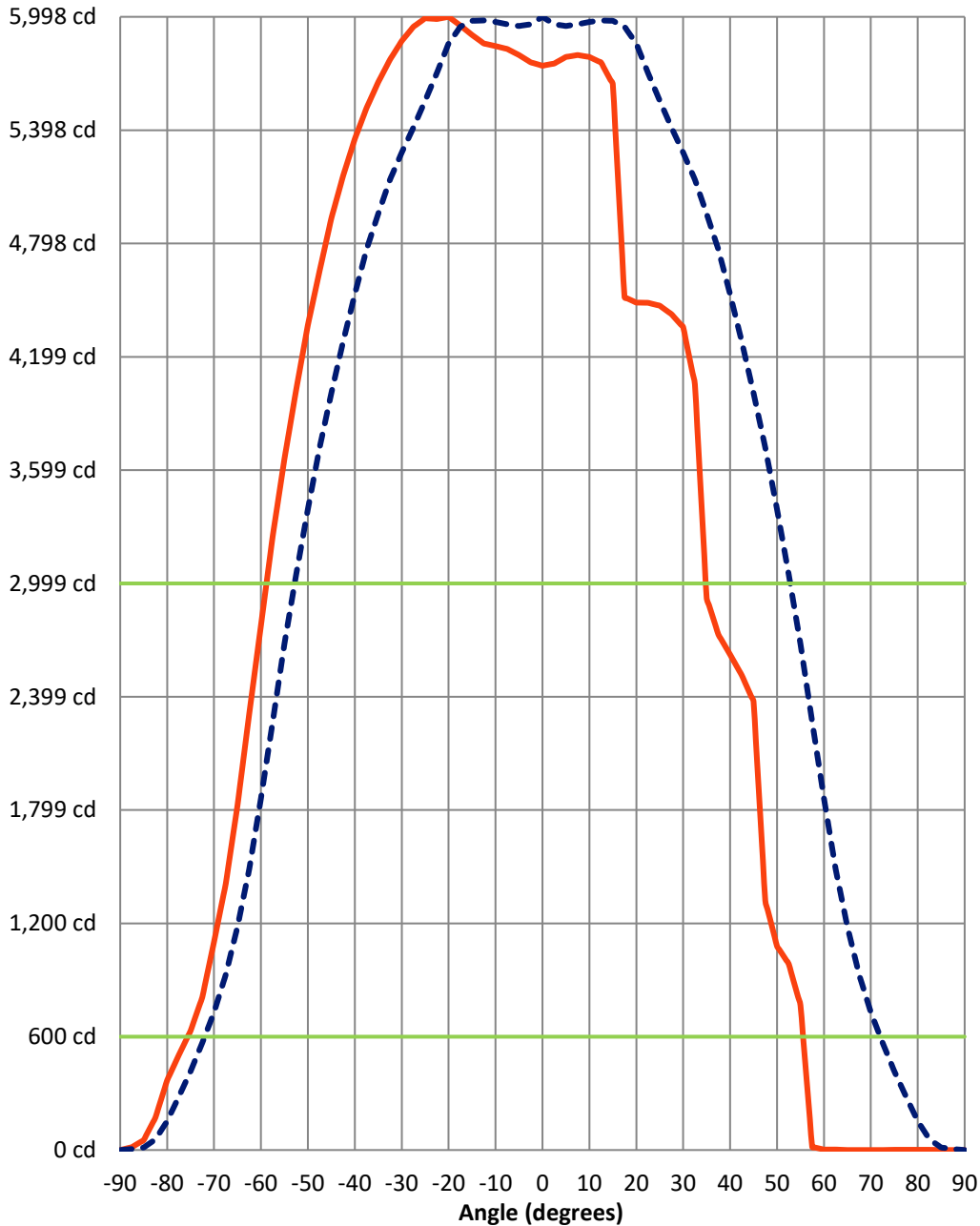
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg    - - - Horizontal Distribution Through -20-Deg

REPORT NUMBER: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-750-U-LAM-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 10994.5  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 13784.8  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 279.3  
 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: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-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	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.6	0.6
85°	0.0	0.3	0.5	0.7	0.9	1.1	1.3	1.4	1.3	1.3	1.1
82.5°	0.0	0.4	0.7	1.0	1.4	1.7	2.0	2.1	2.0	1.6	1.3
80°	0.0	0.6	0.9	1.4	1.8	2.2	2.6	2.3	2.0	1.7	1.3
77.5°	0.0	0.7	1.1	1.7	2.2	2.6	2.6	2.3	2.0	1.7	1.4
75°	0.0	0.8	1.4	2.0	2.6	2.7	2.6	2.3	2.0	1.7	1.4
72.5°	0.0	1.0	1.6	2.3	2.7	2.8	2.7	2.4	2.1	1.7	1.4
70°	0.0	1.1	1.8	2.6	2.8	2.9	2.7	2.4	2.1	1.8	2.1
67.5°	0.0	1.2	2.1	2.7	3.0	3.0	3.0	2.4	2.2	2.9	2.9
65°	0.0	1.4	2.3	2.9	3.1	3.4	3.5	2.5	3.4	4.0	5.1
62.5°	0.0	1.5	2.5	3.0	3.2	4.2	4.0	3.5	4.8	7.0	11.2
60°	0.0	1.6	2.8	3.1	3.4	5.2	4.8	4.9	6.2	17.8	19.4
57.5°	0.0	1.8	2.9	3.2	4.3	6.2	8.8	6.8	17.4	30.2	35.1
55°	0.0	1.9	3.0	3.4	5.4	7.3	14.0	11.1	32.3	46.6	56.8
52.5°	0.0	2.0	3.2	3.5	6.5	9.3	20.1	28.1	48.5	73.2	82.4
50°	0.0	2.1	3.3	3.6	7.7	15.9	27.0	47.4	69.3	102.7	128.7
47.5°	0.0	2.3	3.5	4.0	8.9	23.0	36.3	67.7	99.9	135.2	176.1
45°	0.0	2.4	3.6	4.9	10.2	30.6	54.8	88.9	134.1	176.2	222.0
42.5°	0.0	2.5	3.8	5.9	11.5	38.6	73.7	115.8	168.9	216.2	275.0
40°	0.0	2.6	3.9	7.2	15.5	47.1	93.0	146.4	204.8	255.4	331.8
37.5°	0.0	2.7	4.1	8.7	22.2	56.1	112.8	177.1	242.4	302.5	391.0
35°	0.0	2.8	4.3	10.4	29.0	69.7	132.8	207.8	280.6	360.3	461.0
32.5°	0.0	2.9	4.4	12.3	35.9	85.5	154.5	238.3	319.3	418.4	546.1
30°	0.0	3.0	4.6	14.3	42.8	101.2	179.3	269.2	358.3	476.7	627.8
27.5°	0.0	3.1	4.8	16.5	51.3	116.6	203.6	301.3	401.1	534.9	705.9
25°	0.0	3.2	4.9	18.8	60.1	131.9	227.4	333.0	449.5	598.5	780.3
22.5°	0.0	3.3	5.1	21.2	68.8	147.4	250.5	364.3	496.9	662.0	855.7
20°	0.0	3.4	5.3	23.6	77.5	164.1	272.7	394.9	543.1	722.0	929.2
17.5°	0.0	3.5	5.4	26.1	86.0	180.2	294.8	424.6	587.8	778.2	1000.4
15°	0.0	3.5	5.6	28.6	94.3	195.7	316.0	452.2	630.8	830.7	1068.8
12.5°	0.0	3.6	5.7	31.1	102.3	210.5	335.8	476.9	665.0	879.3	1133.9
10°	0.0	3.6	5.9	33.6	110.0	224.5	354.2	499.6	690.6	908.5	1186.9
7.5°	0.0	3.7	6.0	36.0	117.2	237.5	371.0	520.2	712.3	931.0	1217.8
5°	0.0	3.7	6.2	38.2	124.0	249.5	386.4	538.9	730.5	949.3	1243.0
2.5°	0.0	3.8	6.3	40.3	130.2	260.5	400.2	555.4	745.2	963.3	1262.2
0°	0.0	3.8	6.4	42.3	135.7	270.2	412.3	569.8	756.8	973.2	1275.4
-2.5°	0.0	4.0	7.4	45.1	140.9	276.4	418.3	578.2	760.9	985.7	1284.0
-5°	0.0	4.2	8.4	47.6	145.3	281.2	422.8	584.3	762.4	993.9	1286.7
-7.5°	0.0	4.4	9.3	49.8	148.9	284.8	425.6	588.2	761.3	997.2	1283.9
-10°	0.0	4.6	10.3	51.8	151.6	287.0	426.9	589.6	758.0	995.3	1275.7
-12.5°	0.0	4.8	11.2	53.5	153.4	287.9	426.7	588.7	752.8	987.2	1261.7
-15°	0.0	5.0	12.0	54.8	154.3	287.5	425.0	585.2	746.8	971.6	1241.4
-17.5°	0.0	5.1	12.8	55.7	154.2	285.8	421.9	578.2	739.6	952.0	1215.0
-20°	0.0	5.2	13.5	56.3	153.1	282.7	417.1	568.1	729.2	928.7	1182.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-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	5.3	14.1	56.5	150.9	278.4	410.1	556.0	715.8	901.8	1143.6
-25°	0.0	5.4	14.7	56.2	147.7	271.7	401.5	542.0	699.1	871.6	1098.8
-27.5°	0.0	5.5	15.2	55.5	143.4	263.4	391.3	526.0	679.3	842.3	1059.1
-30°	0.0	5.5	15.6	54.4	138.0	253.9	379.5	508.2	657.6	817.5	1016.7
-32.5°	0.0	5.5	15.9	52.8	131.7	243.3	366.1	491.8	634.6	788.8	971.4
-35°	0.0	5.5	16.1	50.7	124.8	231.5	351.6	474.5	609.8	756.4	923.2
-37.5°	0.0	5.5	16.2	48.2	117.1	219.7	336.1	455.3	583.2	720.1	875.7
-40°	0.0	5.4	16.2	45.2	108.7	209.1	319.3	434.3	554.9	685.9	828.8
-42.5°	0.0	5.4	16.1	41.9	102.4	197.6	301.4	411.6	527.5	649.7	778.2
-45°	0.0	5.3	15.9	38.7	98.0	185.5	282.3	388.1	499.5	611.1	725.9
-47.5°	0.0	5.1	15.6	34.9	92.9	172.6	262.2	364.6	469.4	570.6	680.6
-50°	0.0	5.0	15.2	33.7	87.0	159.1	245.3	339.9	436.3	533.5	633.2
-52.5°	0.0	4.8	14.7	33.0	80.4	144.9	228.5	314.2	404.5	495.2	584.6
-55°	0.0	4.6	14.2	32.0	73.1	134.1	211.0	288.1	372.7	455.9	541.4
-57.5°	0.0	4.4	13.5	30.6	65.0	123.2	192.9	267.4	339.7	418.2	497.2
-60°	0.0	4.1	12.7	28.8	56.6	111.3	174.4	244.5	306.8	380.1	453.1
-62.5°	0.0	3.9	11.9	26.8	52.5	98.5	157.6	219.6	276.3	341.0	409.9
-65°	0.0	3.6	11.1	24.4	48.0	84.7	139.5	193.7	244.0	301.8	365.6
-67.5°	0.0	3.3	10.2	21.8	42.9	73.2	120.4	168.0	210.0	260.8	317.9
-70°	0.0	3.0	9.2	18.9	37.3	64.1	100.1	141.8	179.5	217.9	267.0
-72.5°	0.0	2.6	8.2	16.7	31.3	54.3	84.7	114.9	148.5	182.5	216.9
-75°	0.0	2.3	7.1	14.5	24.9	43.8	69.3	92.6	116.9	146.5	176.6
-77.5°	0.0	1.9	6.0	12.2	20.6	32.9	53.0	71.6	90.9	111.8	135.6
-80°	0.0	1.5	4.8	9.9	16.6	25.1	36.2	50.2	65.1	81.3	98.6
-82.5°	0.0	1.2	3.7	7.5	12.6	18.9	26.6	32.2	38.9	50.3	62.6
-85°	0.0	0.8	2.4	5.0	8.4	12.7	17.8	21.5	25.4	29.3	33.5
-87.5°	0.0	0.4	1.2	2.5	4.2	6.4	8.9	10.8	12.7	14.7	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





REPORT NUMBER: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
85°	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.5	1.7	1.6	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	2.0	2.1	1.8	1.5	1.3	1.4	1.5	1.4	1.3	1.3	1.3
67.5°	2.5	2.2	1.9	1.8	1.8	2.0	1.9	1.6	1.3	1.3	1.3
65°	2.6	2.3	3.2	3.6	2.7	2.3	2.0	1.7	1.8	1.9	1.9
62.5°	3.9	4.8	6.1	10.8	8.1	2.4	4.3	5.0	3.7	3.1	3.3
60°	12.5	8.5	25.2	36.2	22.6	8.3	10.1	33.5	29.0	5.3	18.1
57.5°	26.3	36.1	66.5	67.7	46.8	32.3	94.0	108.5	82.1	47.9	73.3
55°	57.9	88.9	110.2	102.0	111.4	168.8	200.5	180.1	151.6	233.2	297.9
52.5°	113.1	144.8	152.0	174.6	249.8	287.1	275.0	294.1	381.4	473.7	493.7
50°	167.0	192.9	213.1	308.2	367.1	370.8	398.1	484.6	601.1	657.5	643.9
47.5°	219.0	245.9	340.0	431.3	457.8	494.0	562.4	729.4	852.7	855.1	841.2
45°	274.1	345.8	466.0	525.6	568.5	638.6	803.7	1034.0	1046.0	1079.4	1285.2
42.5°	333.0	458.7	563.5	625.5	694.8	825.6	1046.1	1197.2	1249.1	1395.6	1561.1
40°	428.4	567.7	659.3	738.5	827.6	1018.5	1260.0	1401.5	1443.7	1570.5	1695.0
37.5°	525.1	658.7	761.4	856.9	980.5	1238.2	1517.5	1634.2	1655.6	1678.8	1954.4
35°	618.4	752.1	874.9	999.9	1151.5	1522.5	1766.6	1876.3	1873.0	2029.5	2318.1
32.5°	705.5	847.5	992.5	1159.7	1409.8	1789.9	2034.1	2099.8	2199.5	2427.2	2821.2
30°	792.5	954.0	1120.4	1319.6	1636.5	1965.9	2244.7	2350.4	2521.2	2781.1	3067.9
27.5°	882.1	1063.1	1264.4	1497.8	1815.4	2118.2	2356.3	2609.0	2774.9	3007.8	3211.8
25°	971.3	1178.6	1406.6	1653.6	1943.3	2225.5	2471.8	2763.5	2941.7	3129.5	3319.8
22.5°	1064.9	1295.8	1553.3	1777.1	2051.1	2316.7	2609.9	2926.3	3158.1	3277.4	3405.1
20°	1162.8	1422.5	1697.2	1945.1	2157.5	2401.4	2748.5	3133.0	3432.2	3566.5	3584.0
17.5°	1259.2	1545.4	1840.6	2109.0	2338.1	2555.2	2894.1	3380.7	3752.7	3877.5	3933.0
15°	1353.3	1663.5	1983.3	2268.6	2520.0	2785.5	3147.4	3642.3	4067.5	4205.6	4293.0
12.5°	1444.0	1776.2	2123.7	2422.8	2702.1	2999.9	3377.5	3830.4	4218.6	4485.8	4646.1
10°	1530.5	1882.5	2259.9	2570.9	2882.1	3198.7	3567.8	3970.6	4286.6	4544.3	4771.8
7.5°	1574.2	1952.0	2376.9	2711.8	3057.5	3382.4	3723.7	4069.4	4335.6	4588.4	4808.3
5°	1603.8	1980.6	2413.5	2760.9	3150.8	3505.1	3836.4	4134.3	4367.6	4618.1	4833.0
2.5°	1625.0	1999.1	2438.2	2787.8	3185.8	3542.8	3868.8	4156.1	4393.9	4639.4	4859.4
0°	1637.8	2007.9	2450.9	2804.4	3207.7	3567.6	3887.7	4164.3	4411.4	4649.6	4886.5
-2.5°	1645.0	2034.8	2459.3	2846.9	3228.9	3588.9	3914.1	4184.1	4442.3	4669.0	4906.5
-5°	1644.1	2050.8	2457.1	2875.4	3239.0	3597.2	3927.3	4193.0	4459.1	4683.5	4914.6
-7.5°	1635.2	2054.5	2446.1	2884.4	3239.4	3594.4	3921.5	4197.3	4458.8	4696.8	4915.4
-10°	1619.2	2040.0	2435.8	2861.3	3227.0	3579.8	3903.8	4187.9	4448.4	4694.1	4911.1
-12.5°	1600.5	2010.0	2414.5	2827.9	3201.8	3552.6	3876.9	4163.9	4428.9	4674.0	4901.3
-15°	1572.3	1970.2	2379.4	2785.6	3163.4	3513.0	3842.0	4124.7	4398.8	4638.9	4872.2
-17.5°	1534.5	1920.9	2330.0	2735.4	3111.6	3461.3	3797.2	4073.1	4345.9	4593.9	4819.1
-20°	1486.8	1862.4	2265.9	2678.3	3045.9	3391.9	3717.3	4006.2	4277.2	4529.5	4766.2



REPORT NUMBER: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	1429.1	1795.2	2188.7	2601.2	2963.9	3306.0	3627.5	3921.1	4201.9	4445.8	4698.0
-25°	1371.4	1724.1	2103.4	2494.6	2868.6	3209.3	3531.8	3817.8	4104.8	4358.5	4598.0
-27.5°	1316.1	1641.7	2004.3	2377.2	2760.6	3099.7	3419.3	3705.5	3984.1	4261.6	4492.2
-30°	1254.0	1546.4	1895.7	2251.9	2625.6	2970.9	3292.8	3589.8	3855.0	4129.0	4376.6
-32.5°	1185.4	1445.2	1781.0	2123.6	2476.1	2829.0	3147.9	3442.9	3718.8	3977.9	4237.9
-35°	1118.5	1363.5	1659.4	1986.0	2317.6	2663.8	2983.0	3275.1	3561.4	3818.1	4066.5
-37.5°	1058.2	1275.0	1530.2	1842.2	2159.1	2486.5	2811.2	3093.9	3366.4	3648.7	3890.9
-40°	993.0	1180.1	1418.3	1694.1	1992.8	2304.1	2615.0	2907.5	3163.6	3442.5	3709.0
-42.5°	924.7	1102.7	1308.0	1537.3	1819.3	2112.8	2412.9	2699.0	2965.0	3228.1	3492.1
-45°	864.9	1020.8	1195.7	1405.2	1634.7	1910.9	2195.0	2480.2	2735.4	2986.2	3246.9
-47.5°	801.3	938.5	1100.2	1267.5	1467.1	1697.9	1965.1	2228.2	2489.4	2728.0	2958.8
-50°	738.0	864.4	997.3	1147.9	1312.6	1499.7	1721.6	1966.2	2204.8	2449.8	2678.3
-52.5°	683.4	786.5	906.5	1032.3	1173.3	1328.1	1505.8	1706.7	1923.8	2131.6	2359.6
-55°	626.7	719.7	816.6	927.2	1044.6	1175.3	1321.0	1489.8	1655.4	1847.7	2033.8
-57.5°	575.1	653.5	736.1	827.5	929.4	1034.0	1161.3	1292.7	1443.0	1592.4	1739.8
-60°	526.4	590.4	660.5	737.9	819.8	912.9	1007.9	1120.8	1241.8	1361.1	1486.1
-62.5°	477.2	531.1	588.3	652.5	723.9	794.3	875.5	962.4	1051.4	1152.5	1251.1
-65°	426.7	470.3	518.8	572.1	629.0	688.9	751.3	815.7	891.5	965.5	1037.2
-67.5°	373.1	410.4	449.6	491.6	539.4	586.4	633.4	687.8	743.6	798.4	855.2
-70°	313.7	348.8	381.5	415.5	451.1	487.9	528.1	567.9	607.3	648.4	694.0
-72.5°	253.2	285.6	314.3	339.5	368.6	399.3	428.6	456.6	486.3	517.5	548.3
-75°	202.0	223.3	249.0	272.4	295.6	317.2	336.6	360.3	385.1	407.7	426.4
-77.5°	157.7	177.1	194.6	210.3	228.8	250.4	269.3	285.5	301.2	318.3	336.5
-80°	114.7	130.8	146.8	161.3	172.0	184.2	198.7	215.2	229.5	241.2	251.8
-82.5°	74.1	85.7	97.6	109.7	114.6	118.0	121.2	126.9	135.8	144.5	152.9
-85°	36.9	40.3	47.6	55.0	57.6	59.4	60.6	61.3	64.3	67.1	69.5
-87.5°	18.5	20.2	21.8	23.5	22.6	21.4	19.9	18.1	17.7	17.2	16.5
-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: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	1.1	1.1	1.1	1.2	1.2	0.9	0.6	0.3	0.0	0.0	0.0
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	0.9	0.6
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
67.5°	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.8
65°	1.8	1.8	1.9	1.8	1.6	1.5	1.6	1.6	1.4	1.1	0.8
62.5°	3.2	3.7	2.9	2.8	2.8	2.7	2.6	2.5	2.3	2.2	2.3
60°	20.1	11.8	6.9	8.1	7.2	4.8	6.1	7.2	7.3	6.7	5.9
57.5°	111.3	83.1	61.5	146.9	147.4	70.3	84.7	133.2	109.7	36.0	33.5
55°	309.6	370.3	487.4	463.0	470.5	541.2	590.9	523.1	512.8	546.5	631.3
52.5°	556.3	614.2	653.5	690.4	735.3	783.4	833.1	864.7	894.2	925.6	944.4
50°	710.4	791.9	848.0	827.3	943.3	990.8	942.6	985.7	1038.3	1052.7	1059.4
47.5°	1048.9	1168.5	1192.3	1269.3	1338.5	1337.0	1278.3	1281.7	1438.1	1576.1	1643.9
45°	1507.5	1511.5	1586.7	1722.7	1820.0	1789.4	1871.5	2058.1	2120.2	2180.2	2229.4
42.5°	1686.1	1760.1	1880.1	2000.4	2072.9	2135.8	2196.6	2265.2	2345.8	2411.2	2463.4
40°	1859.1	1918.7	2041.6	2138.5	2198.5	2257.3	2328.0	2404.0	2477.8	2535.3	2574.5
37.5°	2125.3	2171.5	2201.5	2291.4	2405.0	2352.6	2486.9	2583.2	2627.3	2685.6	2690.9
35°	2528.1	2497.3	2457.4	2815.5	2836.9	2716.0	2841.6	2990.9	2912.3	3076.2	3164.3
32.5°	2885.1	2880.5	3193.0	3381.2	3272.9	3361.3	3650.9	3638.1	3831.1	3920.7	3895.2
30°	3221.5	3336.3	3517.0	3657.2	3676.0	3815.3	3943.9	4056.6	4173.2	4277.7	4284.8
27.5°	3392.3	3542.1	3664.8	3745.9	3836.4	3953.7	4070.4	4197.2	4296.4	4361.8	4377.9
25°	3495.6	3648.6	3741.5	3828.8	3928.8	4029.9	4160.6	4298.8	4378.4	4418.8	4431.7
22.5°	3586.7	3724.2	3824.0	3894.9	4002.4	4111.3	4233.1	4350.1	4436.6	4454.2	4460.7
20°	3674.3	3806.4	3973.2	4077.5	4072.4	4195.0	4312.4	4405.4	4477.5	4477.1	4478.8
17.5°	3927.9	3975.1	4277.8	4507.6	4393.8	4333.8	4656.6	4662.8	4682.0	4643.9	4561.2
15°	4303.4	4389.3	4761.2	5010.3	4931.8	4927.7	5394.0	5278.4	5378.0	5351.9	5463.9
12.5°	4701.2	4802.9	5080.7	5325.3	5441.8	5470.5	5626.3	5772.3	5802.3	5790.4	5768.4
10°	4972.2	5117.0	5228.5	5377.1	5494.6	5614.5	5704.8	5809.6	5843.9	5824.1	5796.0
7.5°	5007.4	5150.5	5281.6	5411.9	5523.9	5620.5	5714.1	5799.4	5834.4	5822.8	5803.5
5°	5029.9	5159.5	5286.5	5418.7	5525.8	5615.3	5708.6	5795.1	5815.7	5801.8	5783.0
2.5°	5043.7	5163.7	5286.1	5417.7	5515.0	5600.3	5694.7	5786.9	5786.8	5780.7	5769.7
0°	5050.4	5170.8	5312.9	5432.0	5540.8	5621.5	5715.0	5804.6	5798.2	5781.6	5762.4
-2.5°	5064.8	5186.8	5331.8	5430.5	5553.2	5627.1	5723.7	5801.3	5798.4	5790.2	5780.7
-5°	5077.6	5214.8	5350.5	5454.3	5577.3	5673.9	5770.0	5830.6	5833.9	5822.5	5806.5
-7.5°	5085.5	5237.5	5367.0	5471.2	5590.5	5702.9	5800.3	5864.0	5865.4	5850.2	5831.1
-10°	5082.9	5243.4	5376.6	5484.4	5606.5	5717.5	5819.3	5900.1	5897.5	5883.0	5866.7
-12.5°	5073.3	5233.6	5370.4	5478.5	5617.2	5731.4	5846.0	5926.4	5930.6	5919.8	5902.1
-15°	5052.1	5217.7	5350.7	5468.8	5604.7	5738.3	5856.0	5944.7	5960.5	5951.6	5937.6
-17.5°	5010.4	5185.1	5326.3	5453.4	5583.9	5726.2	5860.1	5957.1	5978.7	5975.2	5963.6
-20°	4955.6	5135.9	5279.2	5412.5	5554.5	5701.1	5856.9	5945.5	5976.8	5978.8	5970.9



REPORT NUMBER: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	4894.1	5070.6	5222.6	5353.7	5507.7	5656.1	5797.2	5900.9	5953.6	5963.3	5964.0
-25°	4820.4	5001.7	5152.8	5292.3	5435.6	5588.8	5731.4	5847.2	5900.6	5926.1	5934.0
-27.5°	4716.2	4903.6	5052.3	5199.7	5345.5	5503.8	5653.6	5779.5	5822.9	5858.0	5872.1
-30°	4594.1	4779.5	4931.0	5065.8	5232.6	5393.9	5548.6	5658.4	5724.0	5764.1	5786.0
-32.5°	4453.8	4640.9	4799.9	4940.7	5099.1	5260.5	5406.0	5521.9	5612.3	5658.6	5682.0
-35°	4301.6	4492.6	4659.1	4807.4	4956.5	5110.4	5261.1	5382.4	5485.3	5525.1	5554.4
-37.5°	4118.0	4328.7	4499.5	4652.4	4794.1	4938.7	5095.7	5234.3	5334.3	5372.9	5403.8
-40°	3929.7	4133.4	4305.6	4468.7	4608.9	4766.8	4918.0	5063.2	5149.9	5194.9	5230.0
-42.5°	3731.0	3915.0	4078.7	4237.2	4393.2	4555.8	4706.9	4857.8	4932.8	4987.1	5030.1
-45°	3501.5	3672.8	3831.9	3980.2	4141.0	4300.9	4452.0	4585.4	4674.7	4745.3	4800.3
-47.5°	3195.7	3404.2	3564.0	3705.0	3864.5	4018.7	4165.3	4290.7	4388.6	4471.2	4535.0
-50°	2885.0	3085.2	3265.4	3423.9	3571.8	3714.4	3853.9	3976.6	4080.2	4169.7	4234.4
-52.5°	2579.1	2766.6	2945.5	3109.0	3251.3	3385.9	3513.5	3636.9	3746.1	3841.9	3904.4
-55°	2233.4	2427.7	2604.6	2757.1	2899.2	3032.3	3158.3	3275.3	3382.9	3480.4	3540.3
-57.5°	1909.1	2079.5	2244.1	2384.9	2519.1	2645.8	2765.3	2877.3	2980.8	3072.6	3130.4
-60°	1611.0	1735.3	1876.9	2006.9	2125.8	2233.7	2345.1	2449.6	2544.7	2625.4	2679.2
-62.5°	1347.6	1450.5	1552.8	1651.7	1748.1	1845.0	1938.3	2025.0	2104.4	2170.5	2217.7
-65°	1112.8	1195.5	1269.5	1339.6	1406.4	1482.8	1553.8	1620.5	1682.3	1733.0	1768.9
-67.5°	916.3	974.4	1025.6	1073.7	1126.4	1180.4	1231.0	1275.1	1312.9	1342.9	1366.6
-70°	738.9	781.7	820.3	858.6	897.1	932.2	965.7	998.2	1029.0	1054.1	1073.0
-72.5°	578.7	607.9	634.2	663.7	691.4	718.0	741.2	759.9	774.5	788.6	801.0
-75°	441.2	463.1	492.8	517.8	538.5	556.7	573.5	588.4	601.5	613.2	623.4
-77.5°	354.8	373.5	392.3	410.6	428.3	441.4	453.6	465.8	477.8	488.1	497.1
-80°	263.0	276.9	291.5	306.1	320.7	327.9	333.8	339.1	343.9	350.0	355.7
-82.5°	160.8	168.7	176.8	185.0	193.2	195.2	195.9	195.7	194.7	192.5	189.1
-85°	71.6	72.0	71.8	71.0	69.6	66.8	63.3	59.3	54.8	54.1	53.2
-87.5°	15.7	15.4	15.0	14.5	14.0	13.9	13.9	13.8	13.6	14.1	14.5
-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: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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	0.3
85°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	0.7	0.0	0.7	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	0.7	0.0	0.7	1.3	1.3	1.3	1.3	1.3	1.3
67.5°	0.5	0.1	0.0	0.0	0.0	0.1	0.5	0.8	1.1	1.3	1.3
65°	0.4	0.1	0.0	0.0	0.0	0.1	0.4	0.8	1.1	1.4	1.6
62.5°	2.4	2.5	2.6	2.6	2.6	2.5	2.4	2.3	2.2	2.3	2.5
60°	4.7	3.1	2.6	2.6	2.6	3.1	4.7	5.9	6.7	7.3	7.2
57.5°	28.3	21.1	17.9	16.6	17.9	21.1	28.3	33.5	36.0	109.7	133.2
55°	692.0	727.3	753.6	765.8	753.6	727.3	692.0	631.3	546.5	512.8	523.1
52.5°	960.8	976.2	985.0	984.7	985.0	976.2	960.8	944.4	925.6	894.2	864.7
50°	1071.0	1078.4	1081.1	1079.5	1081.1	1078.4	1071.0	1059.4	1052.7	1038.3	985.7
47.5°	1582.0	1445.1	1344.4	1320.2	1344.4	1445.1	1582.0	1643.9	1576.1	1438.1	1281.7
45°	2253.1	2305.0	2356.7	2372.8	2356.7	2305.0	2253.1	2229.4	2180.2	2120.2	2058.1
42.5°	2485.5	2502.4	2512.0	2512.4	2512.0	2502.4	2485.5	2463.4	2411.2	2345.8	2265.2
40°	2596.5	2612.4	2621.7	2622.5	2621.7	2612.4	2596.5	2574.5	2535.3	2477.8	2404.0
37.5°	2697.2	2710.8	2719.7	2728.8	2719.7	2710.8	2697.2	2690.9	2685.6	2627.3	2583.2
35°	3152.4	3049.3	2900.9	2923.4	2900.9	3049.3	3152.4	3164.3	3076.2	2912.3	2990.9
32.5°	3935.1	3978.4	4005.5	4051.6	4005.5	3978.4	3935.1	3895.2	3920.7	3831.1	3638.1
30°	4296.3	4310.6	4332.3	4355.1	4332.3	4310.6	4296.3	4284.8	4277.7	4173.2	4056.6
27.5°	4386.4	4401.2	4414.4	4424.2	4414.4	4401.2	4386.4	4377.9	4361.8	4296.4	4197.2
25°	4433.5	4442.8	4456.8	4469.0	4456.8	4442.8	4433.5	4431.7	4418.8	4378.4	4298.8
22.5°	4456.9	4457.9	4468.9	4484.4	4468.9	4457.9	4456.9	4460.7	4454.2	4436.6	4350.1
20°	4473.0	4464.3	4475.6	4485.7	4475.6	4464.3	4473.0	4478.8	4477.1	4477.5	4405.4
17.5°	4677.8	4560.9	4513.0	4513.9	4513.0	4560.9	4677.8	4561.2	4643.9	4682.0	4662.8
15°	5338.2	5382.0	5550.0	5640.7	5550.0	5382.0	5338.2	5463.9	5351.9	5378.0	5278.4
12.5°	5764.3	5748.7	5728.8	5756.0	5728.8	5748.7	5764.3	5768.4	5790.4	5802.3	5772.3
10°	5784.0	5782.3	5746.7	5785.4	5746.7	5782.3	5784.0	5796.0	5824.1	5843.9	5809.6
7.5°	5771.9	5773.0	5757.9	5795.7	5757.9	5773.0	5771.9	5803.5	5822.8	5834.4	5799.4
5°	5780.0	5754.0	5763.8	5785.4	5763.8	5754.0	5780.0	5783.0	5801.8	5815.7	5795.1
2.5°	5757.6	5754.9	5735.8	5750.9	5735.8	5754.9	5757.6	5769.7	5780.7	5786.8	5786.9
0°	5740.6	5726.5	5726.5	5739.3	5726.5	5726.5	5740.6	5762.4	5781.6	5798.2	5804.6
-2.5°	5770.9	5767.9	5766.1	5757.3	5766.1	5767.9	5770.9	5780.7	5790.2	5798.4	5801.3
-5°	5795.8	5788.1	5767.2	5795.7	5767.2	5788.1	5795.8	5806.5	5822.5	5833.9	5830.6
-7.5°	5822.6	5803.1	5783.2	5827.7	5783.2	5803.1	5822.6	5831.1	5850.2	5865.4	5864.0
-10°	5847.0	5818.9	5799.6	5843.1	5799.6	5818.9	5847.0	5866.7	5883.0	5897.5	5900.1
-12.5°	5879.4	5846.5	5833.5	5857.1	5833.5	5846.5	5879.4	5902.1	5919.8	5930.6	5926.4
-15°	5913.8	5891.1	5888.1	5902.0	5888.1	5891.1	5913.8	5937.6	5951.6	5960.5	5944.7
-17.5°	5944.1	5928.2	5936.1	5951.9	5936.1	5928.2	5944.1	5963.6	5975.2	5978.7	5957.1
-20°	5958.6	5949.7	5958.6	5998.0	5958.6	5949.7	5958.6	5970.9	5978.8	5976.8	5945.5



REPORT NUMBER: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	5957.4	5957.9	5973.6	5986.5	5973.6	5957.9	5957.4	5964.0	5963.3	5953.6	5900.9
-25°	5934.6	5946.6	5964.5	5990.3	5964.5	5946.6	5934.6	5934.0	5926.1	5900.6	5847.2
-27.5°	5879.8	5899.6	5918.4	5945.5	5918.4	5899.6	5879.8	5872.1	5858.0	5822.9	5779.5
-30°	5800.5	5824.2	5840.9	5869.9	5840.9	5824.2	5800.5	5786.0	5764.1	5724.0	5658.4
-32.5°	5704.0	5730.8	5750.6	5771.3	5750.6	5730.8	5704.0	5682.0	5658.6	5612.3	5521.9
-35°	5583.4	5612.3	5633.4	5652.3	5633.4	5612.3	5583.4	5554.4	5525.1	5485.3	5382.4
-37.5°	5438.6	5469.6	5493.6	5515.2	5493.6	5469.6	5438.6	5403.8	5372.9	5334.3	5234.3
-40°	5269.8	5301.7	5327.3	5351.3	5327.3	5301.7	5269.8	5230.0	5194.9	5149.9	5063.2
-42.5°	5072.4	5104.6	5131.1	5155.4	5131.1	5104.6	5072.4	5030.1	4987.1	4932.8	4857.8
-45°	4844.6	4877.7	4905.6	4931.3	4905.6	4877.7	4844.6	4800.3	4745.3	4674.7	4585.4
-47.5°	4582.1	4617.5	4641.4	4653.4	4641.4	4617.5	4582.1	4535.0	4471.2	4388.6	4290.7
-50°	4281.2	4316.7	4345.4	4366.6	4345.4	4316.7	4281.2	4234.4	4169.7	4080.2	3976.6
-52.5°	3950.0	3983.7	4008.5	4023.4	4008.5	3983.7	3950.0	3904.4	3841.9	3746.1	3636.9
-55°	3587.4	3622.8	3646.2	3657.2	3646.2	3622.8	3587.4	3540.3	3480.4	3382.9	3275.3
-57.5°	3176.2	3209.7	3234.7	3248.7	3234.7	3209.7	3176.2	3130.4	3072.6	2980.8	2877.3
-60°	2721.2	2751.2	2770.1	2777.5	2770.1	2751.2	2721.2	2679.2	2625.4	2544.7	2449.6
-62.5°	2255.8	2284.2	2301.9	2308.8	2301.9	2284.2	2255.8	2217.7	2170.5	2104.4	2025.0
-65°	1795.7	1813.5	1823.4	1824.8	1823.4	1813.5	1795.7	1768.9	1733.0	1682.3	1620.5
-67.5°	1385.4	1398.9	1407.1	1409.9	1407.1	1398.9	1385.4	1366.6	1342.9	1312.9	1275.1
-70°	1087.0	1096.4	1101.6	1102.5	1101.6	1096.4	1087.0	1073.0	1054.1	1029.0	998.2
-72.5°	810.4	817.1	814.8	809.3	814.8	817.1	810.4	801.0	788.6	774.5	759.9
-75°	632.2	639.6	636.5	631.3	636.5	639.6	632.2	623.4	613.2	601.5	588.4
-77.5°	505.1	511.8	508.5	503.2	508.5	511.8	505.1	497.1	488.1	477.8	465.8
-80°	360.7	364.6	367.4	368.8	367.4	364.6	360.7	355.7	350.0	343.9	339.1
-82.5°	184.6	179.2	175.8	171.6	175.8	179.2	184.6	189.1	192.5	194.7	195.7
-85°	52.2	50.9	51.8	52.5	51.8	50.9	52.2	53.2	54.1	54.8	59.3
-87.5°	14.9	15.3	15.4	15.4	15.4	15.3	14.9	14.5	14.1	13.6	13.8
-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: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	0.6	0.9	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9
85°	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4
67.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.6
65°	1.6	1.5	1.6	1.8	1.9	1.8	1.8	1.9	1.9	1.8	1.7
62.5°	2.6	2.7	2.8	2.8	2.9	3.7	3.2	3.3	3.1	3.7	5.0
60°	6.1	4.8	7.2	8.1	6.9	11.8	20.1	18.1	5.3	29.0	33.5
57.5°	84.7	70.3	147.4	146.9	61.5	83.1	111.3	73.3	47.9	82.1	108.5
55°	590.9	541.2	470.5	463.0	487.4	370.3	309.6	297.9	233.2	151.6	180.1
52.5°	833.1	783.4	735.3	690.4	653.5	614.2	556.3	493.7	473.7	381.4	294.1
50°	942.6	990.8	943.3	827.3	848.0	791.9	710.4	643.9	657.5	601.1	484.6
47.5°	1278.3	1337.0	1338.5	1269.3	1192.3	1168.5	1048.9	841.2	855.1	852.7	729.4
45°	1871.5	1789.4	1820.0	1722.7	1586.7	1511.5	1507.5	1285.2	1079.4	1046.0	1034.0
42.5°	2196.6	2135.8	2072.9	2000.4	1880.1	1760.1	1686.1	1561.1	1395.6	1249.1	1197.2
40°	2328.0	2257.3	2198.5	2138.5	2041.6	1918.7	1859.1	1695.0	1570.5	1443.7	1401.5
37.5°	2486.9	2352.6	2405.0	2291.4	2201.5	2171.5	2125.3	1954.4	1678.8	1655.6	1634.2
35°	2841.6	2716.0	2836.9	2815.5	2457.4	2497.3	2528.1	2318.1	2029.5	1873.0	1876.3
32.5°	3650.9	3361.3	3272.9	3381.2	3193.0	2880.5	2885.1	2821.2	2427.2	2199.5	2099.8
30°	3943.9	3815.3	3676.0	3657.2	3517.0	3336.3	3221.5	3067.9	2781.1	2521.2	2350.4
27.5°	4070.4	3953.7	3836.4	3745.9	3664.8	3542.1	3392.3	3211.8	3007.8	2774.9	2609.0
25°	4160.6	4029.9	3928.8	3828.8	3741.5	3648.6	3495.6	3319.8	3129.5	2941.7	2763.5
22.5°	4233.1	4111.3	4002.4	3894.9	3824.0	3724.2	3586.7	3405.1	3277.4	3158.1	2926.3
20°	4312.4	4195.0	4072.4	4077.5	3973.2	3806.4	3674.3	3584.0	3566.5	3432.2	3133.0
17.5°	4656.6	4333.8	4393.8	4507.6	4277.8	3975.1	3927.9	3933.0	3877.5	3752.7	3380.7
15°	5394.0	4927.7	4931.8	5010.3	4761.2	4389.3	4303.4	4293.0	4205.6	4067.5	3642.3
12.5°	5626.3	5470.5	5441.8	5325.3	5080.7	4802.9	4701.2	4646.1	4485.8	4218.6	3830.4
10°	5704.8	5614.5	5494.6	5377.1	5228.5	5117.0	4972.2	4771.8	4544.3	4286.6	3970.6
7.5°	5714.1	5620.5	5523.9	5411.9	5281.6	5150.5	5007.4	4808.3	4588.4	4335.6	4069.4
5°	5708.6	5615.3	5525.8	5418.7	5286.5	5159.5	5029.9	4833.0	4618.1	4367.6	4134.3
2.5°	5694.7	5600.3	5515.0	5417.7	5286.1	5163.7	5043.7	4859.4	4639.4	4393.9	4156.1
0°	5715.0	5621.5	5540.8	5432.0	5312.9	5170.8	5050.4	4886.5	4649.6	4411.4	4164.3
-2.5°	5723.7	5627.1	5553.2	5430.5	5331.8	5186.8	5064.8	4906.5	4669.0	4442.3	4184.1
-5°	5770.0	5673.9	5577.3	5454.3	5350.5	5214.8	5077.6	4914.6	4683.5	4459.1	4193.0
-7.5°	5800.3	5702.9	5590.5	5471.2	5367.0	5237.5	5085.5	4915.4	4696.8	4458.8	4197.3
-10°	5819.3	5717.5	5606.5	5484.4	5376.6	5243.4	5082.9	4911.1	4694.1	4448.4	4187.9
-12.5°	5846.0	5731.4	5617.2	5478.5	5370.4	5233.6	5073.3	4901.3	4674.0	4428.9	4163.9
-15°	5856.0	5738.3	5604.7	5468.8	5350.7	5217.7	5052.1	4872.2	4638.9	4398.8	4124.7
-17.5°	5860.1	5726.2	5583.9	5453.4	5326.3	5185.1	5010.4	4819.1	4593.9	4345.9	4073.1
-20°	5856.9	5701.1	5554.5	5412.5	5279.2	5135.9	4955.6	4766.2	4529.5	4277.2	4006.2



REPORT NUMBER: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	5797.2	5656.1	5507.7	5353.7	5222.6	5070.6	4894.1	4698.0	4445.8	4201.9	3921.1
-25°	5731.4	5588.8	5435.6	5292.3	5152.8	5001.7	4820.4	4598.0	4358.5	4104.8	3817.8
-27.5°	5653.6	5503.8	5345.5	5199.7	5052.3	4903.6	4716.2	4492.2	4261.6	3984.1	3705.5
-30°	5548.6	5393.9	5232.6	5065.8	4931.0	4779.5	4594.1	4376.6	4129.0	3855.0	3589.8
-32.5°	5406.0	5260.5	5099.1	4940.7	4799.9	4640.9	4453.8	4237.9	3977.9	3718.8	3442.9
-35°	5261.1	5110.4	4956.5	4807.4	4659.1	4492.6	4301.6	4066.5	3818.1	3561.4	3275.1
-37.5°	5095.7	4938.7	4794.1	4652.4	4499.5	4328.7	4118.0	3890.9	3648.7	3366.4	3093.9
-40°	4918.0	4766.8	4608.9	4468.7	4305.6	4133.4	3929.7	3709.0	3442.5	3163.6	2907.5
-42.5°	4706.9	4555.8	4393.2	4237.2	4078.7	3915.0	3731.0	3492.1	3228.1	2965.0	2699.0
-45°	4452.0	4300.9	4141.0	3980.2	3831.9	3672.8	3501.5	3246.9	2986.2	2735.4	2480.2
-47.5°	4165.3	4018.7	3864.5	3705.0	3564.0	3404.2	3195.7	2958.8	2728.0	2489.4	2228.2
-50°	3853.9	3714.4	3571.8	3423.9	3265.4	3085.2	2885.0	2678.3	2449.8	2204.8	1966.2
-52.5°	3513.5	3385.9	3251.3	3109.0	2945.5	2766.6	2579.1	2359.6	2131.6	1923.8	1706.7
-55°	3158.3	3032.3	2899.2	2757.1	2604.6	2427.7	2233.4	2033.8	1847.7	1655.4	1489.8
-57.5°	2765.3	2645.8	2519.1	2384.9	2244.1	2079.5	1909.1	1739.8	1592.4	1443.0	1292.7
-60°	2345.1	2233.7	2125.8	2006.9	1876.9	1735.3	1611.0	1486.1	1361.1	1241.8	1120.8
-62.5°	1938.3	1845.0	1748.1	1651.7	1552.8	1450.5	1347.6	1251.1	1152.5	1051.4	962.4
-65°	1553.8	1482.8	1406.4	1339.6	1269.5	1195.5	1112.8	1037.2	965.5	891.5	815.7
-67.5°	1231.0	1180.4	1126.4	1073.7	1025.6	974.4	916.3	855.2	798.4	743.6	687.8
-70°	965.7	932.2	897.1	858.6	820.3	781.7	738.9	694.0	648.4	607.3	567.9
-72.5°	741.2	718.0	691.4	663.7	634.2	607.9	578.7	548.3	517.5	486.3	456.6
-75°	573.5	556.7	538.5	517.8	492.8	463.1	441.2	426.4	407.7	385.1	360.3
-77.5°	453.6	441.4	428.3	410.6	392.3	373.5	354.8	336.5	318.3	301.2	285.5
-80°	333.8	327.9	320.7	306.1	291.5	276.9	263.0	251.8	241.2	229.5	215.2
-82.5°	195.9	195.2	193.2	185.0	176.8	168.7	160.8	152.9	144.5	135.8	126.9
-85°	63.3	66.8	69.6	71.0	71.8	72.0	71.6	69.5	67.1	64.3	61.3
-87.5°	13.9	13.9	14.0	14.5	15.0	15.4	15.7	16.5	17.2	17.7	18.1
-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: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.7
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.3	1.3	1.4
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6	2.0	2.1
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.7	2.0	2.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.7	2.0	2.3
75°	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.4	1.7	2.0	2.3
72.5°	1.3	1.3	1.3	1.5	1.6	1.7	1.5	1.4	1.7	2.1	2.4
70°	1.5	1.4	1.3	1.5	1.8	2.1	2.0	2.1	1.8	2.1	2.4
67.5°	1.9	2.0	1.8	1.8	1.9	2.2	2.5	2.9	2.9	2.2	2.4
65°	2.0	2.3	2.7	3.6	3.2	2.3	2.6	5.1	4.0	3.4	2.5
62.5°	4.3	2.4	8.1	10.8	6.1	4.8	3.9	11.2	7.0	4.8	3.5
60°	10.1	8.3	22.6	36.2	25.2	8.5	12.5	19.4	17.8	6.2	4.9
57.5°	94.0	32.3	46.8	67.7	66.5	36.1	26.3	35.1	30.2	17.4	6.8
55°	200.5	168.8	111.4	102.0	110.2	88.9	57.9	56.8	46.6	32.3	11.1
52.5°	275.0	287.1	249.8	174.6	152.0	144.8	113.1	82.4	73.2	48.5	28.1
50°	398.1	370.8	367.1	308.2	213.1	192.9	167.0	128.7	102.7	69.3	47.4
47.5°	562.4	494.0	457.8	431.3	340.0	245.9	219.0	176.1	135.2	99.9	67.7
45°	803.7	638.6	568.5	525.6	466.0	345.8	274.1	222.0	176.2	134.1	88.9
42.5°	1046.1	825.6	694.8	625.5	563.5	458.7	333.0	275.0	216.2	168.9	115.8
40°	1260.0	1018.5	827.6	738.5	659.3	567.7	428.4	331.8	255.4	204.8	146.4
37.5°	1517.5	1238.2	980.5	856.9	761.4	658.7	525.1	391.0	302.5	242.4	177.1
35°	1766.6	1522.5	1151.5	999.9	874.9	752.1	618.4	461.0	360.3	280.6	207.8
32.5°	2034.1	1789.9	1409.8	1159.7	992.5	847.5	705.5	546.1	418.4	319.3	238.3
30°	2244.7	1965.9	1636.5	1319.6	1120.4	954.0	792.5	627.8	476.7	358.3	269.2
27.5°	2356.3	2118.2	1815.4	1497.8	1264.4	1063.1	882.1	705.9	534.9	401.1	301.3
25°	2471.8	2225.5	1943.3	1653.6	1406.6	1178.6	971.3	780.3	598.5	449.5	333.0
22.5°	2609.9	2316.7	2051.1	1777.1	1553.3	1295.8	1064.9	855.7	662.0	496.9	364.3
20°	2748.5	2401.4	2157.5	1945.1	1697.2	1422.5	1162.8	929.2	722.0	543.1	394.9
17.5°	2894.1	2555.2	2338.1	2109.0	1840.6	1545.4	1259.2	1000.4	778.2	587.8	424.6
15°	3147.4	2785.5	2520.0	2268.6	1983.3	1663.5	1353.3	1068.8	830.7	630.8	452.2
12.5°	3377.5	2999.9	2702.1	2422.8	2123.7	1776.2	1444.0	1133.9	879.3	665.0	476.9
10°	3567.8	3198.7	2882.1	2570.9	2259.9	1882.5	1530.5	1186.9	908.5	690.6	499.6
7.5°	3723.7	3382.4	3057.5	2711.8	2376.9	1952.0	1574.2	1217.8	931.0	712.3	520.2
5°	3836.4	3505.1	3150.8	2760.9	2413.5	1980.6	1603.8	1243.0	949.3	730.5	538.9
2.5°	3868.8	3542.8	3185.8	2787.8	2438.2	1999.1	1625.0	1262.2	963.3	745.2	555.4
0°	3887.7	3567.6	3207.7	2804.4	2450.9	2007.9	1637.8	1275.4	973.2	756.8	569.8
-2.5°	3914.1	3588.9	3228.9	2846.9	2459.3	2034.8	1645.0	1284.0	985.7	760.9	578.2
-5°	3927.3	3597.2	3239.0	2875.4	2457.1	2050.8	1644.1	1286.7	993.9	762.4	584.3
-7.5°	3921.5	3594.4	3239.4	2884.4	2446.1	2054.5	1635.2	1283.9	997.2	761.3	588.2
-10°	3903.8	3579.8	3227.0	2861.3	2435.8	2040.0	1619.2	1275.7	995.3	758.0	589.6
-12.5°	3876.9	3552.6	3201.8	2827.9	2414.5	2010.0	1600.5	1261.7	987.2	752.8	588.7
-15°	3842.0	3513.0	3163.4	2785.6	2379.4	1970.2	1572.3	1241.4	971.6	746.8	585.2
-17.5°	3797.2	3461.3	3111.6	2735.4	2330.0	1920.9	1534.5	1215.0	952.0	739.6	578.2
-20°	3717.3	3391.9	3045.9	2678.3	2265.9	1862.4	1486.8	1182.4	928.7	729.2	568.1

Classified

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

Scaled Data Report



REPORT NUMBER: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-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°	3627.5	3306.0	2963.9	2601.2	2188.7	1795.2	1429.1	1143.6	901.8	715.8	556.0
-25°	3531.8	3209.3	2868.6	2494.6	2103.4	1724.1	1371.4	1098.8	871.6	699.1	542.0
-27.5°	3419.3	3099.7	2760.6	2377.2	2004.3	1641.7	1316.1	1059.1	842.3	679.3	526.0
-30°	3292.8	2970.9	2625.6	2251.9	1895.7	1546.4	1254.0	1016.7	817.5	657.6	508.2
-32.5°	3147.9	2829.0	2476.1	2123.6	1781.0	1445.2	1185.4	971.4	788.8	634.6	491.8
-35°	2983.0	2663.8	2317.6	1986.0	1659.4	1363.5	1118.5	923.2	756.4	609.8	474.5
-37.5°	2811.2	2486.5	2159.1	1842.2	1530.2	1275.0	1058.2	875.7	720.1	583.2	455.3
-40°	2615.0	2304.1	1992.8	1694.1	1418.3	1180.1	993.0	828.8	685.9	554.9	434.3
-42.5°	2412.9	2112.8	1819.3	1537.3	1308.0	1102.7	924.7	778.2	649.7	527.5	411.6
-45°	2195.0	1910.9	1634.7	1405.2	1195.7	1020.8	864.9	725.9	611.1	499.5	388.1
-47.5°	1965.1	1697.9	1467.1	1267.5	1100.2	938.5	801.3	680.6	570.6	469.4	364.6
-50°	1721.6	1499.7	1312.6	1147.9	997.3	864.4	738.0	633.2	533.5	436.3	339.9
-52.5°	1505.8	1328.1	1173.3	1032.3	906.5	786.5	683.4	584.6	495.2	404.5	314.2
-55°	1321.0	1175.3	1044.6	927.2	816.6	719.7	626.7	541.4	455.9	372.7	288.1
-57.5°	1161.3	1034.0	929.4	827.5	736.1	653.5	575.1	497.2	418.2	339.7	267.4
-60°	1007.9	912.9	819.8	737.9	660.5	590.4	526.4	453.1	380.1	306.8	244.5
-62.5°	875.5	794.3	723.9	652.5	588.3	531.1	477.2	409.9	341.0	276.3	219.6
-65°	751.3	688.9	629.0	572.1	518.8	470.3	426.7	365.6	301.8	244.0	193.7
-67.5°	633.4	586.4	539.4	491.6	449.6	410.4	373.1	317.9	260.8	210.0	168.0
-70°	528.1	487.9	451.1	415.5	381.5	348.8	313.7	267.0	217.9	179.5	141.8
-72.5°	428.6	399.3	368.6	339.5	314.3	285.6	253.2	216.9	182.5	148.5	114.9
-75°	336.6	317.2	295.6	272.4	249.0	223.3	202.0	176.6	146.5	116.9	92.6
-77.5°	269.3	250.4	228.8	210.3	194.6	177.1	157.7	135.6	111.8	90.9	71.6
-80°	198.7	184.2	172.0	161.3	146.8	130.8	114.7	98.6	81.3	65.1	50.2
-82.5°	121.2	118.0	114.6	109.7	97.6	85.7	74.1	62.6	50.3	38.9	32.2
-85°	60.6	59.4	57.6	55.0	47.6	40.3	36.9	33.5	29.3	25.4	21.5
-87.5°	19.9	21.4	22.6	23.5	21.8	20.2	18.5	16.8	14.7	12.7	10.8
-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: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-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°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.5	0.3	0.0
82.5°	2.0	1.7	1.4	1.0	0.7	0.4	0.0
80°	2.6	2.2	1.8	1.4	0.9	0.6	0.0
77.5°	2.6	2.6	2.2	1.7	1.1	0.7	0.0
75°	2.6	2.7	2.6	2.0	1.4	0.8	0.0
72.5°	2.7	2.8	2.7	2.3	1.6	1.0	0.0
70°	2.7	2.9	2.8	2.6	1.8	1.1	0.0
67.5°	3.0	3.0	3.0	2.7	2.1	1.2	0.0
65°	3.5	3.4	3.1	2.9	2.3	1.4	0.0
62.5°	4.0	4.2	3.2	3.0	2.5	1.5	0.0
60°	4.8	5.2	3.4	3.1	2.8	1.6	0.0
57.5°	8.8	6.2	4.3	3.2	2.9	1.8	0.0
55°	14.0	7.3	5.4	3.4	3.0	1.9	0.0
52.5°	20.1	9.3	6.5	3.5	3.2	2.0	0.0
50°	27.0	15.9	7.7	3.6	3.3	2.1	0.0
47.5°	36.3	23.0	8.9	4.0	3.5	2.3	0.0
45°	54.8	30.6	10.2	4.9	3.6	2.4	0.0
42.5°	73.7	38.6	11.5	5.9	3.8	2.5	0.0
40°	93.0	47.1	15.5	7.2	3.9	2.6	0.0
37.5°	112.8	56.1	22.2	8.7	4.1	2.7	0.0
35°	132.8	69.7	29.0	10.4	4.3	2.8	0.0
32.5°	154.5	85.5	35.9	12.3	4.4	2.9	0.0
30°	179.3	101.2	42.8	14.3	4.6	3.0	0.0
27.5°	203.6	116.6	51.3	16.5	4.8	3.1	0.0
25°	227.4	131.9	60.1	18.8	4.9	3.2	0.0
22.5°	250.5	147.4	68.8	21.2	5.1	3.3	0.0
20°	272.7	164.1	77.5	23.6	5.3	3.4	0.0
17.5°	294.8	180.2	86.0	26.1	5.4	3.5	0.0
15°	316.0	195.7	94.3	28.6	5.6	3.5	0.0
12.5°	335.8	210.5	102.3	31.1	5.7	3.6	0.0
10°	354.2	224.5	110.0	33.6	5.9	3.6	0.0
7.5°	371.0	237.5	117.2	36.0	6.0	3.7	0.0
5°	386.4	249.5	124.0	38.2	6.2	3.7	0.0
2.5°	400.2	260.5	130.2	40.3	6.3	3.8	0.0
0°	412.3	270.2	135.7	42.3	6.4	3.8	0.0
-2.5°	418.3	276.4	140.9	45.1	7.4	4.0	0.0
-5°	422.8	281.2	145.3	47.6	8.4	4.2	0.0
-7.5°	425.6	284.8	148.9	49.8	9.3	4.4	0.0
-10°	426.9	287.0	151.6	51.8	10.3	4.6	0.0
-12.5°	426.7	287.9	153.4	53.5	11.2	4.8	0.0
-15°	425.0	287.5	154.3	54.8	12.0	5.0	0.0
-17.5°	421.9	285.8	154.2	55.7	12.8	5.1	0.0
-20°	417.1	282.7	153.1	56.3	13.5	5.2	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645425 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	410.1	278.4	150.9	56.5	14.1	5.3	0.0
-25°	401.5	271.7	147.7	56.2	14.7	5.4	0.0
-27.5°	391.3	263.4	143.4	55.5	15.2	5.5	0.0
-30°	379.5	253.9	138.0	54.4	15.6	5.5	0.0
-32.5°	366.1	243.3	131.7	52.8	15.9	5.5	0.0
-35°	351.6	231.5	124.8	50.7	16.1	5.5	0.0
-37.5°	336.1	219.7	117.1	48.2	16.2	5.5	0.0
-40°	319.3	209.1	108.7	45.2	16.2	5.4	0.0
-42.5°	301.4	197.6	102.4	41.9	16.1	5.4	0.0
-45°	282.3	185.5	98.0	38.7	15.9	5.3	0.0
-47.5°	262.2	172.6	92.9	34.9	15.6	5.1	0.0
-50°	245.3	159.1	87.0	33.7	15.2	5.0	0.0
-52.5°	228.5	144.9	80.4	33.0	14.7	4.8	0.0
-55°	211.0	134.1	73.1	32.0	14.2	4.6	0.0
-57.5°	192.9	123.2	65.0	30.6	13.5	4.4	0.0
-60°	174.4	111.3	56.6	28.8	12.7	4.1	0.0
-62.5°	157.6	98.5	52.5	26.8	11.9	3.9	0.0
-65°	139.5	84.7	48.0	24.4	11.1	3.6	0.0
-67.5°	120.4	73.2	42.9	21.8	10.2	3.3	0.0
-70°	100.1	64.1	37.3	18.9	9.2	3.0	0.0
-72.5°	84.7	54.3	31.3	16.7	8.2	2.6	0.0
-75°	69.3	43.8	24.9	14.5	7.1	2.3	0.0
-77.5°	53.0	32.9	20.6	12.2	6.0	1.9	0.0
-80°	36.2	25.1	16.6	9.9	4.8	1.5	0.0
-82.5°	26.6	18.9	12.6	7.5	3.7	1.2	0.0
-85°	17.8	12.7	8.4	5.0	2.4	0.8	0.0
-87.5°	8.9	6.4	4.2	2.5	1.2	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)