

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



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-750-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-750-U-WR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12634.1 lumens
Efficiency: N/A
Efficacy: 134.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 14320.8 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 6082.7 lumens
Beam Efficiency: 48.1%

Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 11311.8 lumens
Field Efficiency: 89.5%

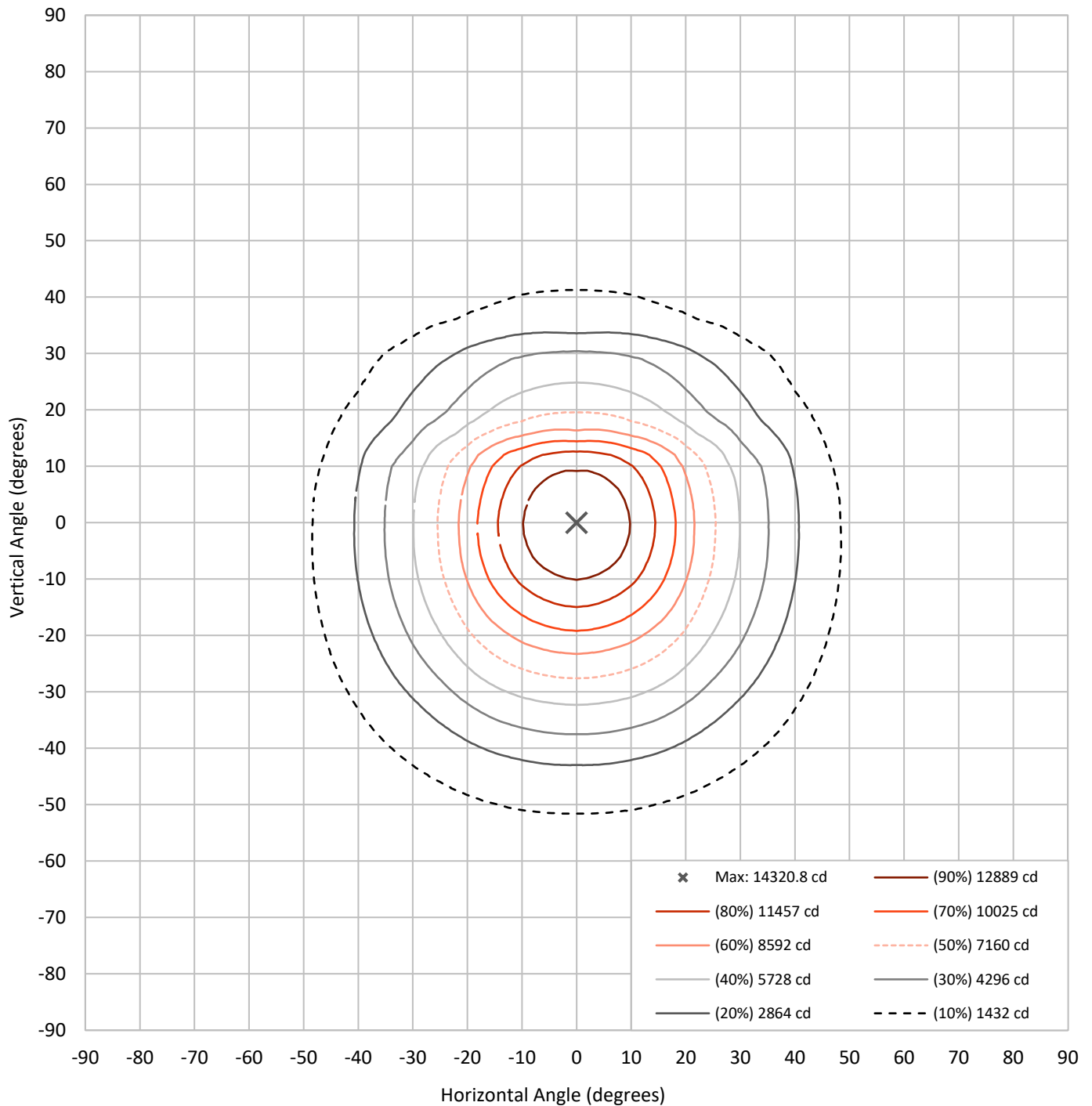
Input Watts (W): 93.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-WR-VSR-XX

Iso-Candela Plot





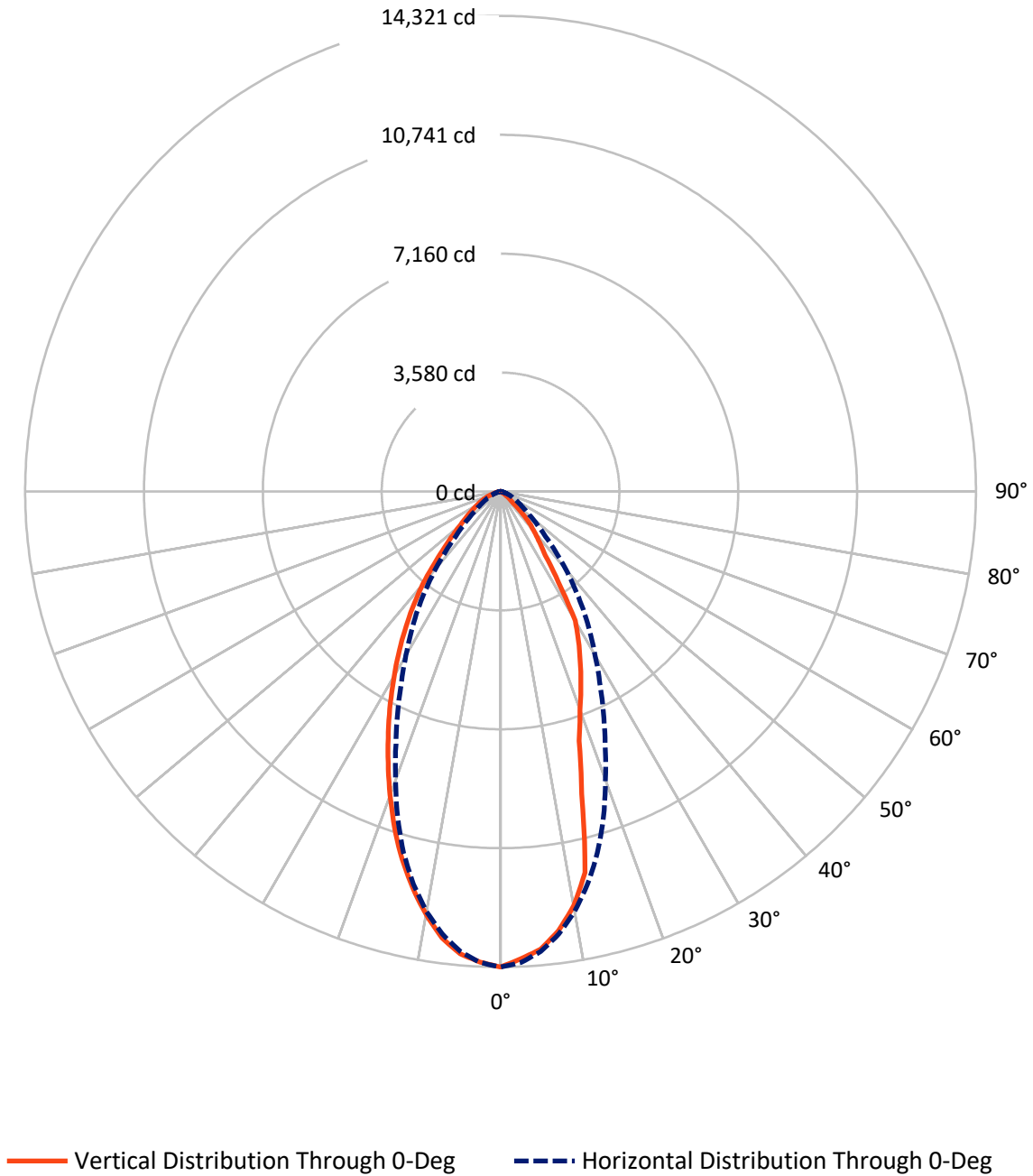
REPORT NUMBER: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-WR-VSR-XX

Lumen Table

90																			
80	0.0	0.1		0.1		0.0		0.0		0.0		0.1		0.1		0.0			
70																			
60	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1			
50		0.3	0.7	1.2	2.0	2.9	4.0	4.5	4.5	4.0	2.9	2.0	1.2	0.7	0.3				
40	0.5	1.0	2.5	5.1	9.4	15.4	22.3	27.3	27.3	22.3	15.4	9.4	5.1	2.5	1.0	0.5			
30		1.9	4.9	11.4	23.6	43.3	66.3	79.7	79.7	66.3	43.3	23.6	11.4	4.9	1.9				
20	1.4	3.0	8.0	20.8	49.1	92.1	140.2	169.0	169.0	140.2	92.1	49.1	20.8	8.0	3.0	1.4			
10		4.1	11.4	32.5	80.7	149.3	233.3	288.4	288.4	233.3	149.3	80.7	32.5	11.4	4.1				
0	2.0	4.8	14.3	42.1	106.0	197.6	317.3	402.3	402.3	317.3	197.6	106.0	42.1	14.3	4.8	2.0			
-10		5.0	14.9	43.4	107.5	200.5	320.5	404.8	404.8	320.5	200.5	107.5	43.4	14.9	5.0				
-20	2.1	4.9	14.1	38.7	95.3	176.0	271.3	334.8	334.8	271.3	176.0	95.3	38.7	14.1	4.9	2.1			
-30		4.5	12.2	30.3	71.1	132.7	197.8	237.1	237.1	197.8	132.7	71.1	30.3	12.2	4.5				
-40	1.8	4.0	9.9	21.9	44.8	82.3	124.2	147.9	147.9	124.2	82.3	44.8	21.9	9.9	4.0	1.8			
-50		3.3	7.6	15.1	26.9	43.1	61.8	73.6	73.6	61.8	43.1	26.9	15.1	7.6	3.3				
-60	1.1	2.6	5.6	10.1	16.4	23.6	30.6	34.6	34.6	30.6	23.6	16.4	10.1	5.6	2.6	1.1			
-70		1.8	3.7	6.2	9.5	13.0	15.9	17.3	17.3	15.9	13.0	9.5	6.2	3.7	1.8				
-80	0.3	3.6		9.3		16.6		15.1		16.6		9.3		3.6		0.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

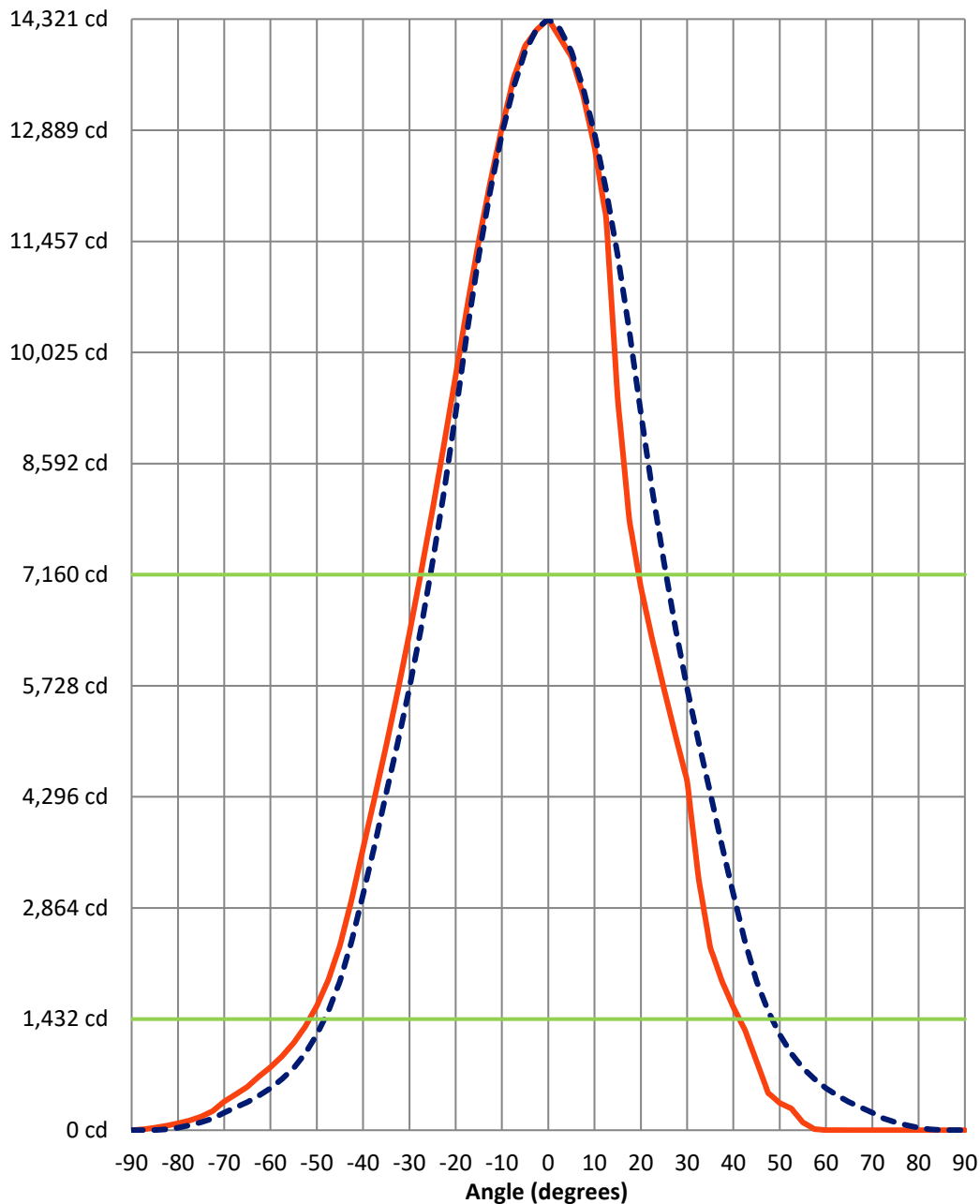
REPORT NUMBER: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-750-U-WR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-WR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 6082.7
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 11311.8
 Efficiency: 89.5%

Spill:
 Lumens: 1322.3
 Efficiency: 10.5%

- Vertical Distribution through 0-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: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-WR-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	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
77.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0
75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1
67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.1	1.0	1.0	1.3	1.3
65°	0.0	0.4	0.8	1.0	1.0	1.1	1.2	1.0	1.5	1.7	2.0
62.5°	0.0	0.5	0.9	1.0	1.0	1.4	1.4	1.4	1.9	2.8	4.3
60°	0.0	0.5	1.0	1.0	1.0	1.6	1.6	1.9	2.5	6.8	7.3
57.5°	0.0	0.5	1.0	1.0	1.3	1.9	2.8	2.7	6.7	11.4	12.5
55°	0.0	0.6	1.0	1.0	1.6	2.2	4.2	3.9	12.2	17.2	19.4
52.5°	0.0	0.6	1.0	1.0	1.9	2.8	5.9	9.6	18.3	25.5	27.5
50°	0.0	0.6	1.1	1.0	2.3	4.6	7.8	15.9	25.6	34.8	42.0
47.5°	0.0	0.7	1.1	1.1	2.6	6.5	10.4	22.3	35.1	44.9	57.0
45°	0.0	0.7	1.1	1.4	3.0	8.5	16.0	28.7	44.6	58.2	71.8
42.5°	0.0	0.7	1.2	1.6	3.4	10.7	21.5	36.2	54.1	71.3	88.3
40°	0.0	0.8	1.2	2.0	4.5	12.9	27.0	44.5	64.0	84.1	105.4
37.5°	0.0	0.8	1.2	2.4	6.2	15.3	32.4	52.7	74.8	97.3	123.0
35°	0.0	0.8	1.3	2.9	8.0	19.0	37.8	60.7	85.6	113.0	142.0
32.5°	0.0	0.8	1.3	3.5	9.8	23.2	43.5	68.6	96.4	129.1	163.5
30°	0.0	0.9	1.4	4.0	11.6	27.4	49.9	76.6	107.1	145.6	185.1
27.5°	0.0	0.9	1.4	4.6	13.7	31.4	56.1	85.4	119.0	162.4	206.8
25°	0.0	0.9	1.5	5.2	15.7	35.3	62.1	94.0	132.6	180.2	228.5
22.5°	0.0	0.9	1.5	5.8	17.7	39.0	67.8	102.4	146.1	198.2	250.6
20°	0.0	0.9	1.6	6.5	19.7	42.7	73.3	110.5	159.4	215.9	271.6
17.5°	0.0	1.0	1.6	7.1	21.5	46.2	78.3	118.3	172.4	233.0	291.4
15°	0.0	1.0	1.7	7.8	23.3	49.4	83.0	125.2	184.9	249.5	310.2
12.5°	0.0	1.0	1.7	8.4	25.0	52.4	87.2	130.9	195.3	265.3	327.8
10°	0.0	1.0	1.8	9.1	26.6	55.2	91.1	136.1	203.6	274.6	341.5
7.5°	0.0	1.0	1.9	9.7	28.1	57.6	94.5	140.6	210.8	281.7	348.8
5°	0.0	1.0	1.9	10.3	29.4	59.9	97.6	144.5	217.1	287.3	354.6
2.5°	0.0	1.0	2.0	10.8	30.6	61.8	100.2	147.8	222.2	291.6	359.0
0°	0.0	1.0	2.0	11.3	31.7	63.4	102.3	150.4	226.1	294.6	362.1
-2.5°	0.0	1.1	2.3	12.0	33.2	65.4	105.1	154.7	230.5	298.9	366.9
-5°	0.0	1.1	2.6	12.7	34.4	67.1	107.4	158.3	233.8	301.9	370.3
-7.5°	0.0	1.2	2.9	13.2	35.5	68.5	109.2	161.2	235.8	303.8	372.3
-10°	0.0	1.3	3.2	13.8	36.4	69.5	110.5	163.2	236.7	304.6	372.9
-12.5°	0.0	1.3	3.5	14.2	37.1	70.2	111.3	164.3	236.4	304.1	371.2
-15°	0.0	1.4	3.7	14.6	37.5	70.5	111.5	164.6	234.6	301.4	367.6
-17.5°	0.0	1.4	4.0	14.8	37.7	70.5	111.2	164.2	231.6	297.8	362.6
-20°	0.0	1.4	4.2	15.0	37.7	70.1	110.9	163.5	227.8	293.4	356.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-WR-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	1.5	4.4	15.1	37.4	69.3	111.0	162.0	223.3	288.0	348.5
-25°	0.0	1.5	4.5	15.1	36.8	69.0	110.5	159.8	218.2	281.9	339.5
-27.5°	0.0	1.5	4.7	15.0	36.0	68.7	109.4	157.0	212.5	274.8	331.1
-30°	0.0	1.5	4.8	14.8	34.9	68.0	107.8	153.5	207.5	266.8	322.1
-32.5°	0.0	1.5	4.9	14.4	34.5	66.8	105.6	150.7	202.5	258.5	312.4
-35°	0.0	1.5	4.9	14.0	33.8	65.2	103.6	147.5	196.9	249.8	302.1
-37.5°	0.0	1.5	4.9	13.5	32.8	63.5	101.2	143.7	190.7	241.0	290.1
-40°	0.0	1.5	4.9	12.9	31.5	61.9	98.3	139.3	183.8	232.7	277.2
-42.5°	0.0	1.5	4.9	12.3	30.5	60.0	94.8	134.2	177.4	222.0	263.5
-45°	0.0	1.5	4.8	11.8	29.9	57.6	90.8	128.9	170.8	210.6	249.2
-47.5°	0.0	1.4	4.7	11.2	29.0	54.9	86.2	123.5	163.5	198.7	236.0
-50°	0.0	1.4	4.6	11.0	27.8	51.8	82.2	117.4	153.9	187.9	222.5
-52.5°	0.0	1.4	4.4	10.8	26.3	48.3	77.8	110.6	144.3	176.6	208.6
-55°	0.0	1.3	4.2	10.5	24.5	45.5	73.0	103.4	134.5	164.8	195.6
-57.5°	0.0	1.2	3.9	10.1	22.4	42.4	67.8	97.0	124.1	152.9	182.1
-60°	0.0	1.2	3.7	9.5	20.0	38.9	62.1	89.3	113.5	140.7	168.2
-62.5°	0.0	1.1	3.5	8.9	18.7	35.0	56.7	80.7	103.0	127.9	153.9
-65°	0.0	1.0	3.2	8.1	17.1	30.7	50.7	71.7	91.7	114.4	139.0
-67.5°	0.0	0.9	3.0	7.2	15.3	26.9	44.3	62.7	79.9	100.1	122.5
-70°	0.0	0.8	2.7	6.2	13.3	23.6	37.3	53.3	68.7	85.2	104.8
-72.5°	0.0	0.7	2.4	5.5	11.1	20.0	31.7	43.6	57.2	71.7	86.9
-75°	0.0	0.6	2.1	4.8	8.8	16.2	26.0	35.6	45.4	57.8	70.9
-77.5°	0.0	0.5	1.7	4.0	7.3	12.2	20.1	28.0	36.0	44.6	54.5
-80°	0.0	0.4	1.4	3.3	5.9	9.3	13.9	20.2	26.8	33.8	41.1
-82.5°	0.0	0.3	1.1	2.5	4.5	7.1	10.2	13.5	17.4	22.8	28.4
-85°	0.0	0.2	0.7	1.7	3.0	4.7	6.9	9.0	11.5	14.3	17.3
-87.5°	0.0	0.1	0.4	0.8	1.5	2.4	3.4	4.5	5.8	7.1	8.7
-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: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-WR-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°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8
67.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5
65°	1.0	1.0	1.4	1.5	1.1	1.0	1.0	1.0	1.1	0.9	0.9
62.5°	1.5	1.8	2.3	3.6	2.6	1.0	2.0	2.3	1.6	1.2	1.3
60°	4.5	3.1	7.9	10.9	7.1	3.8	4.7	9.3	7.6	2.0	5.4
57.5°	9.0	11.1	19.8	20.8	16.0	10.8	23.7	26.2	21.7	13.7	19.7
55°	18.8	26.5	33.5	33.1	33.3	41.8	49.1	48.2	42.5	58.6	73.8
52.5°	35.6	43.6	48.2	52.5	64.4	72.4	74.7	79.2	95.8	115.8	119.4
50°	52.3	60.4	66.5	82.1	94.3	100.6	106.5	121.7	146.9	160.6	162.9
47.5°	69.1	78.2	94.3	111.3	123.2	132.7	142.8	177.5	205.6	217.3	221.5
45°	86.7	102.5	122.6	140.1	153.8	166.6	199.5	246.8	266.7	284.5	330.0
42.5°	105.0	128.7	151.3	169.7	185.1	211.9	257.7	303.6	332.0	370.0	424.9
40°	128.2	154.9	181.1	199.7	219.0	259.7	316.4	365.0	394.9	446.0	508.6
37.5°	151.9	183.1	211.4	231.0	258.1	313.1	379.8	437.9	475.1	516.6	617.2
35°	175.3	211.8	240.8	267.1	300.6	376.5	458.6	523.3	569.3	640.4	767.7
32.5°	200.2	241.0	270.7	306.5	361.6	446.4	547.3	619.1	695.4	797.7	1001.6
30°	226.8	268.4	302.5	345.6	419.4	518.4	635.4	725.8	829.2	995.4	1215.2
27.5°	253.3	295.7	337.7	392.5	473.6	580.5	702.7	845.1	978.9	1164.7	1405.0
25°	278.7	323.5	372.1	438.4	526.1	638.1	771.5	935.7	1110.2	1322.8	1604.9
22.5°	303.0	351.7	408.7	479.9	570.5	692.7	851.8	1044.7	1254.4	1474.6	1798.8
20°	326.8	383.2	448.6	528.4	611.2	743.0	930.3	1163.9	1426.8	1728.4	2046.1
17.5°	350.3	414.3	489.9	578.5	678.9	813.8	1010.9	1289.0	1608.9	2001.5	2392.6
15°	373.4	444.9	529.8	628.0	747.2	908.4	1132.2	1437.9	1824.5	2294.5	2757.9
12.5°	395.7	474.5	568.1	676.4	813.4	997.4	1246.5	1576.4	2019.3	2580.9	3150.1
10°	417.1	502.9	604.4	723.1	876.8	1080.3	1347.6	1696.2	2166.3	2745.1	3378.1
7.5°	428.1	522.1	635.5	767.5	936.6	1156.3	1435.6	1797.4	2281.2	2877.1	3511.8
5°	435.9	530.9	647.1	785.2	969.5	1208.0	1502.9	1880.2	2365.8	2976.4	3602.4
2.5°	441.9	537.2	655.6	795.2	982.5	1225.3	1525.2	1909.0	2411.2	3028.2	3655.2
0°	446.0	541.1	660.8	800.9	989.2	1233.6	1535.4	1921.0	2430.5	3040.1	3674.3
-2.5°	450.4	546.4	666.3	809.8	998.6	1245.0	1546.7	1929.5	2444.9	3043.4	3684.7
-5°	452.9	549.2	668.5	814.2	1001.6	1247.1	1545.8	1921.5	2433.4	3019.5	3662.2
-7.5°	453.6	549.5	667.3	813.3	997.7	1237.5	1529.5	1897.5	2393.7	2971.2	3606.8
-10°	452.5	547.1	662.9	806.0	986.5	1217.4	1500.3	1855.9	2328.5	2891.4	3513.4
-12.5°	449.2	542.0	655.0	793.9	968.4	1188.8	1459.1	1796.6	2238.0	2780.5	3381.6
-15°	443.9	534.4	643.6	777.2	943.4	1152.0	1406.3	1719.7	2121.3	2639.4	3217.6
-17.5°	436.5	524.3	628.7	756.0	911.6	1107.3	1342.3	1629.7	1995.6	2482.0	3035.3
-20°	427.2	511.7	610.2	730.1	874.8	1060.3	1282.9	1550.0	1878.0	2301.8	2820.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	415.9	496.7	590.7	705.4	842.2	1011.5	1216.5	1459.6	1746.0	2093.5	2585.2
-25°	404.3	482.3	571.7	677.9	805.0	956.2	1140.6	1362.1	1621.4	1939.5	2346.0
-27.5°	392.8	465.7	549.8	646.1	763.2	899.1	1069.2	1271.1	1502.2	1772.7	2103.8
-30°	379.8	447.3	525.5	612.9	723.2	849.3	996.4	1169.4	1374.9	1619.3	1907.1
-32.5°	365.7	427.5	502.1	584.1	680.4	795.1	922.4	1078.9	1257.6	1459.2	1708.0
-35°	351.6	410.6	478.1	553.0	634.4	741.8	858.8	988.6	1140.6	1319.2	1518.1
-37.5°	338.1	392.1	452.4	522.2	598.5	687.8	791.1	908.3	1039.2	1181.2	1353.1
-40°	323.0	372.2	429.2	492.5	560.0	637.3	730.4	829.9	942.6	1067.6	1200.3
-42.5°	306.6	353.9	405.9	460.5	522.4	591.5	668.7	759.7	853.3	958.0	1073.9
-45°	290.6	334.0	381.6	431.4	483.4	544.5	614.6	690.3	773.3	858.8	956.1
-47.5°	273.7	313.3	357.6	401.0	447.1	499.2	558.8	627.4	696.6	772.7	848.2
-50°	256.8	294.0	331.2	371.7	413.0	456.3	506.6	565.9	628.9	692.0	758.5
-52.5°	241.6	273.8	307.4	342.2	379.8	418.4	460.3	509.1	564.2	619.8	677.1
-55°	226.1	255.8	283.6	314.7	347.2	382.0	419.3	460.4	502.0	552.7	601.9
-57.5°	211.0	237.3	261.5	288.0	316.9	346.4	380.1	415.0	452.8	491.1	531.4
-60°	195.8	218.2	240.1	263.0	287.3	313.6	340.6	371.3	403.7	437.0	471.9
-62.5°	180.1	198.2	217.6	238.6	260.0	280.2	302.9	327.9	354.6	383.2	412.8
-65°	162.6	177.6	193.7	212.0	232.0	248.4	265.8	284.7	306.7	330.2	353.4
-67.5°	143.8	157.1	170.3	183.8	200.1	214.7	229.0	244.0	260.5	279.8	298.4
-70°	123.0	136.2	147.8	159.0	169.4	179.8	192.0	203.8	217.1	234.3	251.3
-72.5°	101.7	114.2	125.1	134.7	142.0	148.2	155.7	164.3	177.0	193.0	208.0
-75°	82.3	92.3	102.6	111.7	116.4	118.3	119.9	124.4	137.3	153.8	168.3
-77.5°	64.1	72.8	81.2	89.2	92.5	93.8	94.4	94.4	103.9	117.9	132.6
-80°	47.2	53.3	60.4	67.2	69.2	69.8	69.9	69.5	77.3	87.4	98.1
-82.5°	32.8	37.2	41.7	46.4	47.0	46.7	46.0	45.3	51.6	58.8	66.3
-85°	19.1	21.0	23.7	26.6	26.9	26.7	26.2	25.4	28.9	32.9	37.0
-87.5°	9.6	10.5	11.4	12.3	12.0	11.5	10.9	10.1	11.1	12.1	13.2
-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: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-WR-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°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.0	0.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.0	0.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.0	0.9	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.5	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.0	1.0	0.7	0.5	0.2	0.2	0.2	0.2	0.1	0.0	0.0
62.5°	1.3	1.3	0.9	0.8	0.9	1.0	0.8	0.7	0.7	0.7	0.8
60°	5.8	3.3	3.4	4.3	3.6	1.7	3.3	4.2	3.9	3.0	2.6
57.5°	29.4	24.6	17.2	28.8	29.6	20.6	22.4	29.2	28.3	21.9	21.8
55°	74.0	75.1	80.6	87.8	93.2	95.7	97.9	108.9	120.7	132.2	137.9
52.5°	122.2	136.5	154.3	166.0	174.3	191.1	214.7	225.5	236.0	248.0	256.6
50°	180.0	204.8	222.7	225.3	253.3	271.5	275.8	296.1	318.2	332.0	341.8
47.5°	267.8	299.2	314.7	324.7	358.8	396.2	396.2	407.9	463.3	492.3	506.2
45°	385.7	411.9	439.4	510.8	576.5	597.3	642.0	702.4	741.7	795.8	855.2
42.5°	486.1	535.2	604.1	682.8	748.7	803.5	869.8	942.4	1029.7	1111.8	1182.6
40°	585.4	646.2	731.6	817.2	900.1	976.1	1083.0	1176.4	1279.4	1392.3	1486.4
37.5°	715.0	793.0	881.2	989.1	1118.2	1202.5	1349.5	1483.8	1599.7	1736.1	1820.1
35°	914.2	1015.8	1093.8	1312.0	1469.0	1567.7	1741.7	1962.3	2047.1	2218.8	2300.2
32.5°	1164.5	1299.5	1505.0	1793.9	2003.6	2185.2	2445.3	2669.2	2860.1	3032.5	3211.9
30°	1445.8	1654.1	1957.0	2340.9	2553.9	2808.3	3160.0	3425.5	3724.8	4053.3	4168.4
27.5°	1701.1	2013.1	2364.8	2675.7	2981.7	3298.5	3644.1	3985.1	4309.1	4582.5	4765.9
25°	1937.6	2315.6	2657.3	2989.6	3321.1	3677.9	4068.8	4455.6	4812.1	5093.4	5307.3
22.5°	2181.6	2580.9	2946.5	3283.7	3669.3	4073.6	4489.4	4933.0	5338.7	5630.5	5863.5
20°	2411.0	2855.1	3272.2	3656.1	4020.6	4487.3	4966.0	5436.7	5878.5	6226.1	6494.7
17.5°	2775.2	3160.7	3670.5	4169.3	4579.8	5008.6	5648.3	6134.0	6624.2	7040.6	7325.4
15°	3222.5	3646.4	4172.7	4857.7	5420.3	5911.6	6572.4	7362.5	7940.8	8472.2	8836.8
12.5°	3670.1	4149.5	4718.9	5489.7	6290.8	6869.4	7671.1	8672.4	9345.9	10168.7	10574.3
10°	4013.2	4615.2	5201.5	5905.0	6674.3	7498.3	8362.5	9299.3	10199.1	10905.7	11537.3
7.5°	4151.3	4792.6	5471.3	6189.1	6958.3	7808.7	8729.8	9704.5	10630.7	11419.8	12114.0
5°	4254.6	4911.6	5594.8	6328.7	7151.0	8039.1	8973.9	9997.2	10943.1	11788.9	12499.1
2.5°	4320.2	4983.4	5663.6	6409.8	7274.7	8189.1	9153.9	10204.4	11164.5	12035.2	12743.0
0°	4345.4	4999.0	5695.6	6463.8	7320.0	8236.5	9243.1	10305.9	11273.6	12115.4	12843.8
-2.5°	4348.8	4984.5	5697.7	6462.1	7281.4	8206.5	9225.2	10279.2	11227.2	12065.6	12800.4
-5°	4314.6	4950.1	5664.0	6416.8	7237.2	8155.3	9130.3	10148.8	11053.0	11868.9	12576.4
-7.5°	4245.4	4879.2	5577.2	6312.8	7111.1	8001.7	8938.1	9885.0	10772.0	11554.6	12229.8
-10°	4142.8	4763.2	5437.0	6153.8	6909.1	7756.2	8649.1	9553.8	10385.6	11109.4	11733.7
-12.5°	4003.7	4609.8	5253.3	5937.6	6640.6	7448.3	8291.4	9141.0	9899.1	10559.9	11120.0
-15°	3823.1	4415.0	5038.2	5685.3	6367.1	7097.5	7854.1	8633.4	9332.6	9918.5	10430.3
-17.5°	3610.4	4184.5	4776.2	5376.1	6023.1	6708.3	7410.7	8110.2	8706.5	9227.1	9695.0
-20°	3373.2	3926.4	4488.5	5047.7	5634.7	6268.4	6917.1	7531.5	8052.7	8525.7	8953.9



REPORT NUMBER: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3107.3	3636.8	4175.6	4698.9	5228.2	5802.0	6381.3	6937.0	7424.5	7829.1	8201.2
-25°	2822.7	3311.9	3820.7	4311.3	4798.5	5312.7	5838.9	6350.1	6779.2	7130.5	7438.0
-27.5°	2535.9	2982.9	3431.2	3893.1	4343.4	4817.9	5294.3	5735.9	6121.0	6444.5	6702.9
-30°	2234.4	2634.1	3043.4	3461.4	3891.3	4325.6	4756.0	5142.6	5478.9	5763.4	5986.7
-32.5°	1983.9	2287.5	2648.9	3028.3	3431.3	3827.0	4201.4	4553.8	4870.7	5119.1	5308.5
-35°	1743.7	2000.8	2271.5	2607.3	2953.6	3317.7	3662.1	3976.6	4259.1	4476.1	4654.3
-37.5°	1537.3	1740.6	1969.5	2209.3	2499.6	2800.6	3111.4	3407.2	3659.1	3848.4	4007.6
-40°	1358.6	1519.1	1702.0	1892.1	2105.7	2321.9	2592.6	2842.2	3047.8	3224.8	3369.0
-42.5°	1197.0	1332.5	1467.6	1623.5	1784.6	1958.4	2148.4	2333.0	2490.8	2639.0	2761.4
-45°	1057.6	1165.8	1273.5	1393.9	1512.2	1653.6	1789.2	1910.3	2038.2	2149.1	2236.4
-47.5°	935.6	1020.0	1112.3	1202.5	1297.4	1403.9	1504.9	1597.0	1690.7	1771.8	1836.9
-50°	827.3	897.2	972.6	1043.4	1120.2	1198.1	1272.8	1346.0	1417.2	1478.9	1526.9
-52.5°	732.4	793.5	852.2	908.6	969.8	1027.4	1081.5	1142.0	1197.6	1246.2	1279.0
-55°	651.6	701.5	749.6	796.7	843.0	886.7	929.8	976.7	1019.7	1058.3	1082.8
-57.5°	575.8	618.3	659.0	697.5	734.1	768.8	805.2	841.3	874.4	903.5	922.4
-60°	506.8	541.5	576.8	608.1	637.7	665.4	696.0	724.9	751.6	774.1	787.2
-62.5°	443.6	474.8	500.8	525.6	550.7	575.7	597.4	618.8	639.4	656.7	668.1
-65°	377.5	403.9	426.0	446.0	464.0	483.4	501.9	518.6	533.5	544.8	552.0
-67.5°	318.4	337.8	355.5	371.4	387.5	403.0	417.2	429.9	441.1	449.0	454.2
-70°	267.0	281.9	296.4	310.8	325.1	337.2	347.5	357.0	365.6	369.2	370.8
-72.5°	221.9	235.1	247.8	260.5	272.4	281.8	289.5	296.4	302.7	297.3	287.8
-75°	181.0	192.5	204.4	215.6	226.2	233.4	239.0	244.2	248.9	237.3	221.2
-77.5°	147.5	157.7	166.5	175.2	183.9	188.5	192.0	195.6	198.9	185.9	169.4
-80°	109.4	117.6	125.1	132.5	139.7	142.4	144.0	145.1	145.7	134.5	121.6
-82.5°	73.9	78.2	82.3	86.6	91.0	93.3	95.0	96.3	97.3	89.4	80.4
-85°	41.4	42.7	43.7	44.6	45.3	46.7	48.1	49.4	50.5	46.8	42.6
-87.5°	14.2	14.2	14.2	14.0	13.9	13.9	13.9	13.9	13.8	13.2	12.6
-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: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-WR-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	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
62.5°	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.7	0.7
60°	2.0	1.2	1.0	1.0	1.0	1.2	2.0	2.6	3.0	3.9	4.2
57.5°	20.4	17.8	15.9	14.3	15.9	17.8	20.4	21.8	21.9	28.3	29.2
55°	135.5	126.1	114.7	101.3	114.7	126.1	135.5	137.9	132.2	120.7	108.9
52.5°	265.8	274.6	279.7	279.3	279.7	274.6	265.8	256.6	248.0	236.0	225.5
50°	349.8	354.6	354.8	350.9	354.8	354.6	349.8	341.8	332.0	318.2	296.1
47.5°	512.5	505.8	494.2	481.8	494.2	505.8	512.5	506.2	492.3	463.3	407.9
45°	894.3	915.8	914.4	886.9	914.4	915.8	894.3	855.2	795.8	741.7	702.4
42.5°	1222.2	1254.4	1277.3	1288.9	1277.3	1254.4	1222.2	1182.6	1111.8	1029.7	942.4
40°	1539.3	1570.5	1584.2	1583.5	1584.2	1570.5	1539.3	1486.4	1392.3	1279.4	1176.4
37.5°	1874.6	1914.9	1934.5	1925.1	1934.5	1914.9	1874.6	1820.1	1736.1	1599.7	1483.8
35°	2335.5	2373.2	2374.0	2354.8	2374.0	2373.2	2335.5	2300.2	2218.8	2047.1	1962.3
32.5°	3354.3	3366.9	3269.9	3235.5	3269.9	3366.9	3354.3	3211.9	3032.5	2860.1	2669.2
30°	4282.9	4372.4	4455.7	4497.8	4455.7	4372.4	4282.9	4168.4	4053.3	3724.8	3425.5
27.5°	4904.2	5011.9	5078.6	5082.9	5078.6	5011.9	4904.2	4765.9	4582.5	4309.1	3985.1
25°	5469.3	5589.7	5662.5	5687.4	5662.5	5589.7	5469.3	5307.3	5093.4	4812.1	4455.6
22.5°	6061.3	6203.2	6297.3	6316.5	6297.3	6203.2	6061.3	5863.5	5630.5	5338.7	4933.0
20°	6748.1	6913.4	7003.5	6999.8	7003.5	6913.4	6748.1	6494.7	6226.1	5878.5	5436.7
17.5°	7652.4	7829.6	7907.4	7873.4	7907.4	7829.6	7652.4	7325.4	7040.6	6624.2	6134.0
15°	9211.1	9581.7	9580.2	9432.3	9580.2	9581.7	9211.1	8836.8	8472.2	7940.8	7362.5
12.5°	11133.7	11410.0	11693.5	11754.3	11693.5	11410.0	11133.7	10574.3	10168.7	9345.9	8672.4
10°	12069.3	12436.2	12678.3	12671.9	12678.3	12436.2	12069.3	11537.3	10905.7	10199.1	9299.3
7.5°	12654.6	13059.9	13353.3	13347.0	13353.3	13059.9	12654.6	12114.0	11419.8	10630.7	9704.5
5°	13106.3	13555.8	13815.7	13835.0	13815.7	13555.8	13106.3	12499.1	11788.9	10943.1	9997.2
2.5°	13340.9	13810.2	14122.6	14081.5	14122.6	13810.2	13340.9	12743.0	12035.2	11164.5	10204.4
0°	13439.1	13903.5	14195.0	14320.8	14195.0	13903.5	13439.1	12843.8	12115.4	11273.6	10305.9
-2.5°	13396.2	13848.1	14170.3	14182.8	14170.3	13848.1	13396.2	12800.4	12065.6	11227.2	10279.2
-5°	13166.7	13643.6	13859.4	13974.1	13859.4	13643.6	13166.7	12576.4	11868.9	11053.0	10148.8
-7.5°	12796.5	13153.9	13428.1	13554.7	13428.1	13153.9	12796.5	12229.8	11554.6	10772.0	9885.0
-10°	12220.4	12590.4	12822.2	12926.6	12822.2	12590.4	12220.4	11733.7	11109.4	10385.6	9553.8
-12.5°	11582.2	11918.5	12138.8	12226.9	12138.8	11918.5	11582.2	11120.0	10559.9	9899.1	9141.0
-15°	10870.2	11175.5	11378.2	11462.8	11378.2	11175.5	10870.2	10430.3	9918.5	9332.6	8633.4
-17.5°	10086.4	10353.9	10555.9	10616.9	10555.9	10353.9	10086.4	9695.0	9227.1	8706.5	8110.2
-20°	9280.4	9522.2	9688.6	9724.9	9688.6	9522.2	9280.4	8953.9	8525.7	8052.7	7531.5



REPORT NUMBER: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8468.3	8667.5	8802.7	8848.2	8802.7	8667.5	8468.3	8201.2	7829.1	7424.5	6937.0
-25°	7674.7	7846.7	7955.5	7996.1	7955.5	7846.7	7674.7	7438.0	7130.5	6779.2	6350.1
-27.5°	6911.4	7071.6	7171.6	7185.0	7171.6	7071.6	6911.4	6702.9	6444.5	6121.0	5735.9
-30°	6160.4	6292.8	6369.8	6402.4	6369.8	6292.8	6160.4	5986.7	5763.4	5478.9	5142.6
-32.5°	5458.5	5574.2	5643.4	5661.8	5643.4	5574.2	5458.5	5308.5	5119.1	4870.7	4553.8
-35°	4795.9	4902.7	4964.1	4959.1	4964.1	4902.7	4795.9	4654.3	4476.1	4259.1	3976.6
-37.5°	4139.1	4237.6	4293.2	4288.1	4293.2	4237.6	4139.1	4007.6	3848.4	3659.1	3407.2
-40°	3487.5	3572.5	3621.5	3633.4	3621.5	3572.5	3487.5	3369.0	3224.8	3047.8	2842.2
-42.5°	2863.2	2941.7	2980.9	2965.4	2980.9	2941.7	2863.2	2761.4	2639.0	2490.8	2333.0
-45°	2297.4	2338.0	2364.7	2381.4	2364.7	2338.0	2297.4	2236.4	2149.1	2038.2	1910.3
-47.5°	1884.5	1918.1	1936.3	1939.5	1936.3	1918.1	1884.5	1836.9	1771.8	1690.7	1597.0
-50°	1564.2	1592.9	1605.5	1601.9	1605.5	1592.9	1564.2	1526.9	1478.9	1417.2	1346.0
-52.5°	1302.7	1319.3	1330.5	1335.9	1330.5	1319.3	1302.7	1279.0	1246.2	1197.6	1142.0
-55°	1101.2	1114.1	1121.6	1124.2	1121.6	1114.1	1101.2	1082.8	1058.3	1019.7	976.7
-57.5°	938.2	950.5	955.0	953.4	955.0	950.5	938.2	922.4	903.5	874.4	841.3
-60°	797.2	804.3	809.5	812.2	809.5	804.3	797.2	787.2	774.1	751.6	724.9
-62.5°	677.2	683.8	689.3	692.5	689.3	683.8	677.2	668.1	656.7	639.4	618.8
-65°	557.0	559.9	560.8	559.5	560.8	559.9	557.0	552.0	544.8	533.5	518.6
-67.5°	458.0	460.5	462.1	462.4	462.1	460.5	458.0	454.2	449.0	441.1	429.9
-70°	372.3	373.3	372.2	369.3	372.2	373.3	372.3	370.8	369.2	365.6	357.0
-72.5°	278.1	267.9	257.8	246.5	257.8	267.9	278.1	287.8	297.3	302.7	296.4
-75°	204.5	187.2	181.0	174.9	181.0	187.2	204.5	221.2	237.3	248.9	244.2
-77.5°	152.1	134.1	129.3	124.8	129.3	134.1	152.1	169.4	185.9	198.9	195.6
-80°	108.1	94.0	91.0	88.0	91.0	94.0	108.1	121.6	134.5	145.7	145.1
-82.5°	71.0	61.3	59.3	57.3	59.3	61.3	71.0	80.4	89.4	97.3	96.3
-85°	38.2	33.7	32.7	31.7	32.7	33.7	38.2	42.6	46.8	50.5	49.4
-87.5°	11.9	11.3	11.3	11.3	11.3	11.3	11.9	12.6	13.2	13.8	13.9
-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: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-WR-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°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.7	0.7
85°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
82.5°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
80°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
77.5°	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0	1.0	1.0
75°	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0	1.0	1.0
72.5°	0.0	0.0	0.1	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0
67.5°	0.0	0.0	0.2	0.4	0.5	0.5	0.5	0.5	0.8	1.0	1.0
65°	0.2	0.2	0.2	0.5	0.7	1.0	1.0	0.9	0.9	1.1	1.0
62.5°	0.8	1.0	0.9	0.8	0.9	1.3	1.3	1.3	1.2	1.6	2.3
60°	3.3	1.7	3.6	4.3	3.4	3.3	5.8	5.4	2.0	7.6	9.3
57.5°	22.4	20.6	29.6	28.8	17.2	24.6	29.4	19.7	13.7	21.7	26.2
55°	97.9	95.7	93.2	87.8	80.6	75.1	74.0	73.8	58.6	42.5	48.2
52.5°	214.7	191.1	174.3	166.0	154.3	136.5	122.2	119.4	115.8	95.8	79.2
50°	275.8	271.5	253.3	225.3	222.7	204.8	180.0	162.9	160.6	146.9	121.7
47.5°	396.2	396.2	358.8	324.7	314.7	299.2	267.8	221.5	217.3	205.6	177.5
45°	642.0	597.3	576.5	510.8	439.4	411.9	385.7	330.0	284.5	266.7	246.8
42.5°	869.8	803.5	748.7	682.8	604.1	535.2	486.1	424.9	370.0	332.0	303.6
40°	1083.0	976.1	900.1	817.2	731.6	646.2	585.4	508.6	446.0	394.9	365.0
37.5°	1349.5	1202.5	1118.2	989.1	881.2	793.0	715.0	617.2	516.6	475.1	437.9
35°	1741.7	1567.7	1469.0	1312.0	1093.8	1015.8	914.2	767.7	640.4	569.3	523.3
32.5°	2445.3	2185.2	2003.6	1793.9	1505.0	1299.5	1164.5	1001.6	797.7	695.4	619.1
30°	3160.0	2808.3	2553.9	2340.9	1957.0	1654.1	1445.8	1215.2	995.4	829.2	725.8
27.5°	3644.1	3298.5	2981.7	2675.7	2364.8	2013.1	1701.1	1405.0	1164.7	978.9	845.1
25°	4068.8	3677.9	3321.1	2989.6	2657.3	2315.6	1937.6	1604.9	1322.8	1110.2	935.7
22.5°	4489.4	4073.6	3669.3	3283.7	2946.5	2580.9	2181.6	1798.8	1474.6	1254.4	1044.7
20°	4966.0	4487.3	4020.6	3656.1	3272.2	2855.1	2411.0	2046.1	1728.4	1426.8	1163.9
17.5°	5648.3	5008.6	4579.8	4169.3	3670.5	3160.7	2775.2	2392.6	2001.5	1608.9	1289.0
15°	6572.4	5911.6	5420.3	4857.7	4172.7	3646.4	3222.5	2757.9	2294.5	1824.5	1437.9
12.5°	7671.1	6869.4	6290.8	5489.7	4718.9	4149.5	3670.1	3150.1	2580.9	2019.3	1576.4
10°	8362.5	7498.3	6674.3	5905.0	5201.5	4615.2	4013.2	3378.1	2745.1	2166.3	1696.2
7.5°	8729.8	7808.7	6958.3	6189.1	5471.3	4792.6	4151.3	3511.8	2877.1	2281.2	1797.4
5°	8973.9	8039.1	7151.0	6328.7	5594.8	4911.6	4254.6	3602.4	2976.4	2365.8	1880.2
2.5°	9153.9	8189.1	7274.7	6409.8	5663.6	4983.4	4320.2	3655.2	3028.2	2411.2	1909.0
0°	9243.1	8236.5	7320.0	6463.8	5695.6	4999.0	4345.4	3674.3	3040.1	2430.5	1921.0
-2.5°	9225.2	8206.5	7281.4	6462.1	5697.7	4984.5	4348.8	3684.7	3043.4	2444.9	1929.5
-5°	9130.3	8155.3	7237.2	6416.8	5664.0	4950.1	4314.6	3662.2	3019.5	2433.4	1921.5
-7.5°	8938.1	8001.7	7111.1	6312.8	5577.2	4879.2	4245.4	3606.8	2971.2	2393.7	1897.5
-10°	8649.1	7756.2	6909.1	6153.8	5437.0	4763.2	4142.8	3513.4	2891.4	2328.5	1855.9
-12.5°	8291.4	7448.3	6640.6	5937.6	5253.3	4609.8	4003.7	3381.6	2780.5	2238.0	1796.6
-15°	7854.1	7097.5	6367.1	5685.3	5038.2	4415.0	3823.1	3217.6	2639.4	2121.3	1719.7
-17.5°	7410.7	6708.3	6023.1	5376.1	4776.2	4184.5	3610.4	3035.3	2482.0	1995.6	1629.7
-20°	6917.1	6268.4	5634.7	5047.7	4488.5	3926.4	3373.2	2820.1	2301.8	1878.0	1550.0



REPORT NUMBER: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6381.3	5802.0	5228.2	4698.9	4175.6	3636.8	3107.3	2585.2	2093.5	1746.0	1459.6
-25°	5838.9	5312.7	4798.5	4311.3	3820.7	3311.9	2822.7	2346.0	1939.5	1621.4	1362.1
-27.5°	5294.3	4817.9	4343.4	3893.1	3431.2	2982.9	2535.9	2103.8	1772.7	1502.2	1271.1
-30°	4756.0	4325.6	3891.3	3461.4	3043.4	2634.1	2234.4	1907.1	1619.3	1374.9	1169.4
-32.5°	4201.4	3827.0	3431.3	3028.3	2648.9	2287.5	1983.9	1708.0	1459.2	1257.6	1078.9
-35°	3662.1	3317.7	2953.6	2607.3	2271.5	2000.8	1743.7	1518.1	1319.2	1140.6	988.6
-37.5°	3111.4	2800.6	2499.6	2209.3	1969.5	1740.6	1537.3	1353.1	1181.2	1039.2	908.3
-40°	2592.6	2321.9	2105.7	1892.1	1702.0	1519.1	1358.6	1200.3	1067.6	942.6	829.9
-42.5°	2148.4	1958.4	1784.6	1623.5	1467.6	1332.5	1197.0	1073.9	958.0	853.3	759.7
-45°	1789.2	1653.6	1512.2	1393.9	1273.5	1165.8	1057.6	956.1	858.8	773.3	690.3
-47.5°	1504.9	1403.9	1297.4	1202.5	1112.3	1020.0	935.6	848.2	772.7	696.6	627.4
-50°	1272.8	1198.1	1120.2	1043.4	972.6	897.2	827.3	758.5	692.0	628.9	565.9
-52.5°	1081.5	1027.4	969.8	908.6	852.2	793.5	732.4	677.1	619.8	564.2	509.1
-55°	929.8	886.7	843.0	796.7	749.6	701.5	651.6	601.9	552.7	502.0	460.4
-57.5°	805.2	768.8	734.1	697.5	659.0	618.3	575.8	531.4	491.1	452.8	415.0
-60°	696.0	665.4	637.7	608.1	576.8	541.5	506.8	471.9	437.0	403.7	371.3
-62.5°	597.4	575.7	550.7	525.6	500.8	474.8	443.6	412.8	383.2	354.6	327.9
-65°	501.9	483.4	464.0	446.0	426.0	403.9	377.5	353.4	330.2	306.7	284.7
-67.5°	417.2	403.0	387.5	371.4	355.5	337.8	318.4	298.4	279.8	260.5	244.0
-70°	347.5	337.2	325.1	310.8	296.4	281.9	267.0	251.3	234.3	217.1	203.8
-72.5°	289.5	281.8	272.4	260.5	247.8	235.1	221.9	208.0	193.0	177.0	164.3
-75°	239.0	233.4	226.2	215.6	204.4	192.5	181.0	168.3	153.8	137.3	124.4
-77.5°	192.0	188.5	183.9	175.2	166.5	157.7	147.5	132.6	117.9	103.9	94.4
-80°	144.0	142.4	139.7	132.5	125.1	117.6	109.4	98.1	87.4	77.3	69.5
-82.5°	95.0	93.3	91.0	86.6	82.3	78.2	73.9	66.3	58.8	51.6	45.3
-85°	48.1	46.7	45.3	44.6	43.7	42.7	41.4	37.0	32.9	28.9	25.4
-87.5°	13.9	13.9	13.9	14.0	14.2	14.2	14.2	13.2	12.1	11.1	10.1
-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: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-WR-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°	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3
85°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.6
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0
67.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.3	1.0	1.0
65°	1.0	1.0	1.1	1.5	1.4	1.0	1.0	2.0	1.7	1.5	1.0
62.5°	2.0	1.0	2.6	3.6	2.3	1.8	1.5	4.3	2.8	1.9	1.4
60°	4.7	3.8	7.1	10.9	7.9	3.1	4.5	7.3	6.8	2.5	1.9
57.5°	23.7	10.8	16.0	20.8	19.8	11.1	9.0	12.5	11.4	6.7	2.7
55°	49.1	41.8	33.3	33.1	33.5	26.5	18.8	19.4	17.2	12.2	3.9
52.5°	74.7	72.4	64.4	52.5	48.2	43.6	35.6	27.5	25.5	18.3	9.6
50°	106.5	100.6	94.3	82.1	66.5	60.4	52.3	42.0	34.8	25.6	15.9
47.5°	142.8	132.7	123.2	111.3	94.3	78.2	69.1	57.0	44.9	35.1	22.3
45°	199.5	166.6	153.8	140.1	122.6	102.5	86.7	71.8	58.2	44.6	28.7
42.5°	257.7	211.9	185.1	169.7	151.3	128.7	105.0	88.3	71.3	54.1	36.2
40°	316.4	259.7	219.0	199.7	181.1	154.9	128.2	105.4	84.1	64.0	44.5
37.5°	379.8	313.1	258.1	231.0	211.4	183.1	151.9	123.0	97.3	74.8	52.7
35°	458.6	376.5	300.6	267.1	240.8	211.8	175.3	142.0	113.0	85.6	60.7
32.5°	547.3	446.4	361.6	306.5	270.7	241.0	200.2	163.5	129.1	96.4	68.6
30°	635.4	518.4	419.4	345.6	302.5	268.4	226.8	185.1	145.6	107.1	76.6
27.5°	702.7	580.5	473.6	392.5	337.7	295.7	253.3	206.8	162.4	119.0	85.4
25°	771.5	638.1	526.1	438.4	372.1	323.5	278.7	228.5	180.2	132.6	94.0
22.5°	851.8	692.7	570.5	479.9	408.7	351.7	303.0	250.6	198.2	146.1	102.4
20°	930.3	743.0	611.2	528.4	448.6	383.2	326.8	271.6	215.9	159.4	110.5
17.5°	1010.9	813.8	678.9	578.5	489.9	414.3	350.3	291.4	233.0	172.4	118.3
15°	1132.2	908.4	747.2	628.0	529.8	444.9	373.4	310.2	249.5	184.9	125.2
12.5°	1246.5	997.4	813.4	676.4	568.1	474.5	395.7	327.8	265.3	195.3	130.9
10°	1347.6	1080.3	876.8	723.1	604.4	502.9	417.1	341.5	274.6	203.6	136.1
7.5°	1435.6	1156.3	936.6	767.5	635.5	522.1	428.1	348.8	281.7	210.8	140.6
5°	1502.9	1208.0	969.5	785.2	647.1	530.9	435.9	354.6	287.3	217.1	144.5
2.5°	1525.2	1225.3	982.5	795.2	655.6	537.2	441.9	359.0	291.6	222.2	147.8
0°	1535.4	1233.6	989.2	800.9	660.8	541.1	446.0	362.1	294.6	226.1	150.4
-2.5°	1546.7	1245.0	998.6	809.8	666.3	546.4	450.4	366.9	298.9	230.5	154.7
-5°	1545.8	1247.1	1001.6	814.2	668.5	549.2	452.9	370.3	301.9	233.8	158.3
-7.5°	1529.5	1237.5	997.7	813.3	667.3	549.5	453.6	372.3	303.8	235.8	161.2
-10°	1500.3	1217.4	986.5	806.0	662.9	547.1	452.5	372.9	304.6	236.7	163.2
-12.5°	1459.1	1188.8	968.4	793.9	655.0	542.0	449.2	371.2	304.1	236.4	164.3
-15°	1406.3	1152.0	943.4	777.2	643.6	534.4	443.9	367.6	301.4	234.6	164.6
-17.5°	1342.3	1107.3	911.6	756.0	628.7	524.3	436.5	362.6	297.8	231.6	164.2
-20°	1282.9	1060.3	874.8	730.1	610.2	511.7	427.2	356.2	293.4	227.8	163.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1216.5	1011.5	842.2	705.4	590.7	496.7	415.9	348.5	288.0	223.3	162.0
-25°	1140.6	956.2	805.0	677.9	571.7	482.3	404.3	339.5	281.9	218.2	159.8
-27.5°	1069.2	899.1	763.2	646.1	549.8	465.7	392.8	331.1	274.8	212.5	157.0
-30°	996.4	849.3	723.2	612.9	525.5	447.3	379.8	322.1	266.8	207.5	153.5
-32.5°	922.4	795.1	680.4	584.1	502.1	427.5	365.7	312.4	258.5	202.5	150.7
-35°	858.8	741.8	634.4	553.0	478.1	410.6	351.6	302.1	249.8	196.9	147.5
-37.5°	791.1	687.8	598.5	522.2	452.4	392.1	338.1	290.1	241.0	190.7	143.7
-40°	730.4	637.3	560.0	492.5	429.2	372.2	323.0	277.2	232.7	183.8	139.3
-42.5°	668.7	591.5	522.4	460.5	405.9	353.9	306.6	263.5	222.0	177.4	134.2
-45°	614.6	544.5	483.4	431.4	381.6	334.0	290.6	249.2	210.6	170.8	128.9
-47.5°	558.8	499.2	447.1	401.0	357.6	313.3	273.7	236.0	198.7	163.5	123.5
-50°	506.6	456.3	413.0	371.7	331.2	294.0	256.8	222.5	187.9	153.9	117.4
-52.5°	460.3	418.4	379.8	342.2	307.4	273.8	241.6	208.6	176.6	144.3	110.6
-55°	419.3	382.0	347.2	314.7	283.6	255.8	226.1	195.6	164.8	134.5	103.4
-57.5°	380.1	346.4	316.9	288.0	261.5	237.3	211.0	182.1	152.9	124.1	97.0
-60°	340.6	313.6	287.3	263.0	240.1	218.2	195.8	168.2	140.7	113.5	89.3
-62.5°	302.9	280.2	260.0	238.6	217.6	198.2	180.1	153.9	127.9	103.0	80.7
-65°	265.8	248.4	232.0	212.0	193.7	177.6	162.6	139.0	114.4	91.7	71.7
-67.5°	229.0	214.7	200.1	183.8	170.3	157.1	143.8	122.5	100.1	79.9	62.7
-70°	192.0	179.8	169.4	159.0	147.8	136.2	123.0	104.8	85.2	68.7	53.3
-72.5°	155.7	148.2	142.0	134.7	125.1	114.2	101.7	86.9	71.7	57.2	43.6
-75°	119.9	118.3	116.4	111.7	102.6	92.3	82.3	70.9	57.8	45.4	35.6
-77.5°	94.4	93.8	92.5	89.2	81.2	72.8	64.1	54.5	44.6	36.0	28.0
-80°	69.9	69.8	69.2	67.2	60.4	53.3	47.2	41.1	33.8	26.8	20.2
-82.5°	46.0	46.7	47.0	46.4	41.7	37.2	32.8	28.4	22.8	17.4	13.5
-85°	26.2	26.7	26.9	26.6	23.7	21.0	19.1	17.3	14.3	11.5	9.0
-87.5°	10.9	11.5	12.0	12.3	11.4	10.5	9.6	8.7	7.1	5.8	4.5
-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: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-WR-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°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
77.5°	1.0	1.0	0.9	0.6	0.4	0.2	0.0
75°	1.0	1.0	1.0	0.8	0.5	0.3	0.0
72.5°	1.0	1.0	1.0	0.9	0.6	0.3	0.0
70°	1.0	1.0	1.0	1.0	0.7	0.3	0.0
67.5°	1.1	1.0	1.0	1.0	0.8	0.4	0.0
65°	1.2	1.1	1.0	1.0	0.8	0.4	0.0
62.5°	1.4	1.4	1.0	1.0	0.9	0.5	0.0
60°	1.6	1.6	1.0	1.0	1.0	0.5	0.0
57.5°	2.8	1.9	1.3	1.0	1.0	0.5	0.0
55°	4.2	2.2	1.6	1.0	1.0	0.6	0.0
52.5°	5.9	2.8	1.9	1.0	1.0	0.6	0.0
50°	7.8	4.6	2.3	1.0	1.1	0.6	0.0
47.5°	10.4	6.5	2.6	1.1	1.1	0.7	0.0
45°	16.0	8.5	3.0	1.4	1.1	0.7	0.0
42.5°	21.5	10.7	3.4	1.6	1.2	0.7	0.0
40°	27.0	12.9	4.5	2.0	1.2	0.8	0.0
37.5°	32.4	15.3	6.2	2.4	1.2	0.8	0.0
35°	37.8	19.0	8.0	2.9	1.3	0.8	0.0
32.5°	43.5	23.2	9.8	3.5	1.3	0.8	0.0
30°	49.9	27.4	11.6	4.0	1.4	0.9	0.0
27.5°	56.1	31.4	13.7	4.6	1.4	0.9	0.0
25°	62.1	35.3	15.7	5.2	1.5	0.9	0.0
22.5°	67.8	39.0	17.7	5.8	1.5	0.9	0.0
20°	73.3	42.7	19.7	6.5	1.6	0.9	0.0
17.5°	78.3	46.2	21.5	7.1	1.6	1.0	0.0
15°	83.0	49.4	23.3	7.8	1.7	1.0	0.0
12.5°	87.2	52.4	25.0	8.4	1.7	1.0	0.0
10°	91.1	55.2	26.6	9.1	1.8	1.0	0.0
7.5°	94.5	57.6	28.1	9.7	1.9	1.0	0.0
5°	97.6	59.9	29.4	10.3	1.9	1.0	0.0
2.5°	100.2	61.8	30.6	10.8	2.0	1.0	0.0
0°	102.3	63.4	31.7	11.3	2.0	1.0	0.0
-2.5°	105.1	65.4	33.2	12.0	2.3	1.1	0.0
-5°	107.4	67.1	34.4	12.7	2.6	1.1	0.0
-7.5°	109.2	68.5	35.5	13.2	2.9	1.2	0.0
-10°	110.5	69.5	36.4	13.8	3.2	1.3	0.0
-12.5°	111.3	70.2	37.1	14.2	3.5	1.3	0.0
-15°	111.5	70.5	37.5	14.6	3.7	1.4	0.0
-17.5°	111.2	70.5	37.7	14.8	4.0	1.4	0.0
-20°	110.9	70.1	37.7	15.0	4.2	1.4	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627122 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	111.0	69.3	37.4	15.1	4.4	1.5	0.0
-25°	110.5	69.0	36.8	15.1	4.5	1.5	0.0
-27.5°	109.4	68.7	36.0	15.0	4.7	1.5	0.0
-30°	107.8	68.0	34.9	14.8	4.8	1.5	0.0
-32.5°	105.6	66.8	34.5	14.4	4.9	1.5	0.0
-35°	103.6	65.2	33.8	14.0	4.9	1.5	0.0
-37.5°	101.2	63.5	32.8	13.5	4.9	1.5	0.0
-40°	98.3	61.9	31.5	12.9	4.9	1.5	0.0
-42.5°	94.8	60.0	30.5	12.3	4.9	1.5	0.0
-45°	90.8	57.6	29.9	11.8	4.8	1.5	0.0
-47.5°	86.2	54.9	29.0	11.2	4.7	1.4	0.0
-50°	82.2	51.8	27.8	11.0	4.6	1.4	0.0
-52.5°	77.8	48.3	26.3	10.8	4.4	1.4	0.0
-55°	73.0	45.5	24.5	10.5	4.2	1.3	0.0
-57.5°	67.8	42.4	22.4	10.1	3.9	1.2	0.0
-60°	62.1	38.9	20.0	9.5	3.7	1.2	0.0
-62.5°	56.7	35.0	18.7	8.9	3.5	1.1	0.0
-65°	50.7	30.7	17.1	8.1	3.2	1.0	0.0
-67.5°	44.3	26.9	15.3	7.2	3.0	0.9	0.0
-70°	37.3	23.6	13.3	6.2	2.7	0.8	0.0
-72.5°	31.7	20.0	11.1	5.5	2.4	0.7	0.0
-75°	26.0	16.2	8.8	4.8	2.1	0.6	0.0
-77.5°	20.1	12.2	7.3	4.0	1.7	0.5	0.0
-80°	13.9	9.3	5.9	3.3	1.4	0.4	0.0
-82.5°	10.2	7.1	4.5	2.5	1.1	0.3	0.0
-85°	6.9	4.7	3.0	1.7	0.7	0.2	0.0
-87.5°	3.4	2.4	1.5	0.8	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)