

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: P645426 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645426 (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-SA3C-750-U-LAM-XX  
Description: GALLEON FLOOD, THREE LIGHT SQUARE, LAMBERTIAN  
Light Source: (48) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

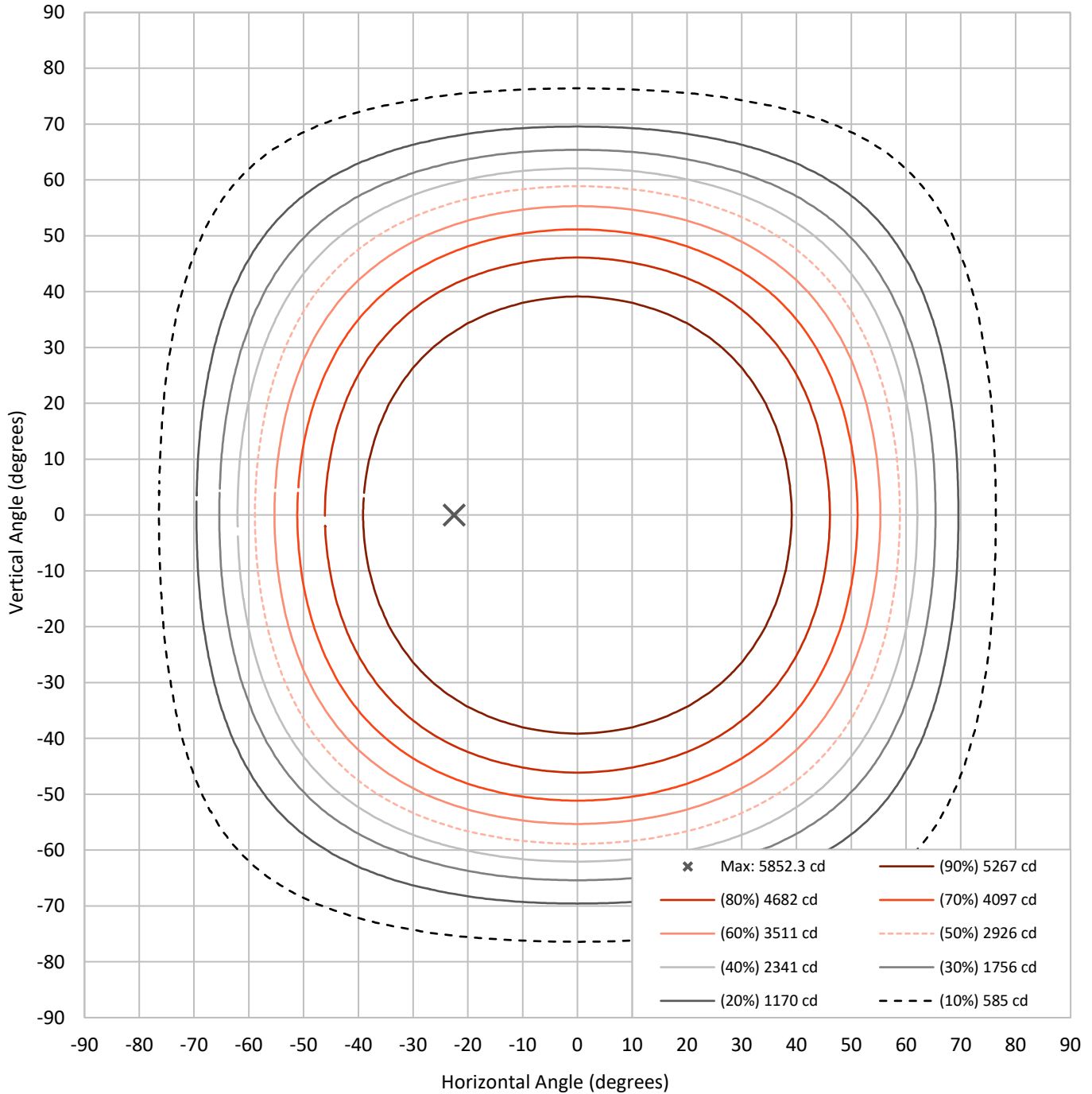
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	17902.7 lumens	Max Intensity:	5852.3 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	147.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	14899 lumens	Field Lumens:	17550.6 lumens
Beam Efficiency:	83.2%	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		



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CATALOG NUMBER: GFLD-SA3C-750-U-LAM-XX

### Iso-Candela Plot





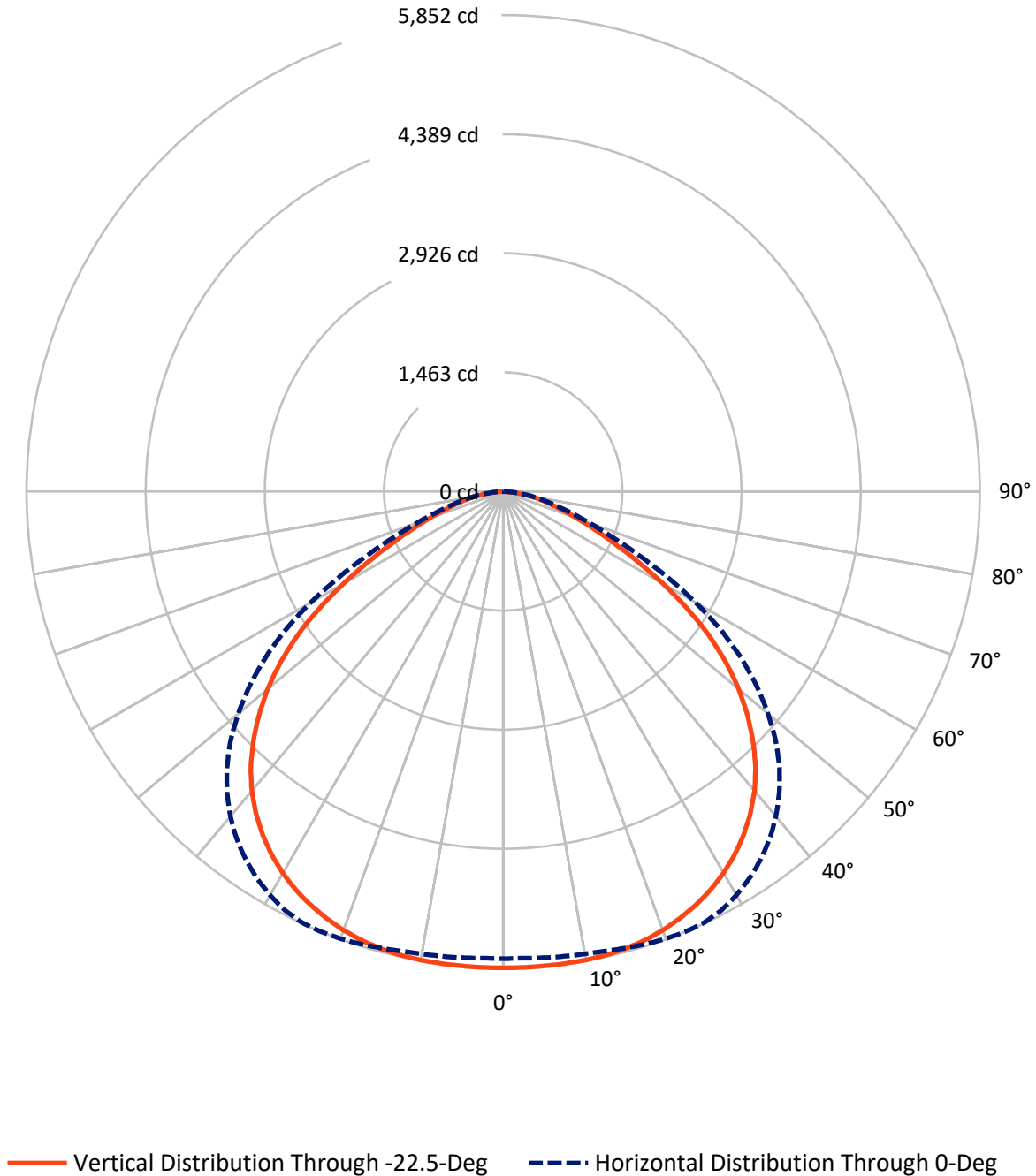
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### Lumen Table

90																			
80	0.9	9.3	26.2	43.6	51.1	43.6	26.2	9.3	0.9										
70																			
60	4.4	5.2	10.9	19.0	29.4	40.6	50.2	55.5	55.5	50.2	40.6	29.4	19.0	10.9	5.2				4.4
50																			
40	8.4	8.1	18.6	36.0	58.8	81.0	97.5	106.2	106.2	97.5	81.0	58.8	36.0	18.6	8.1				8.4
30																			
20	11.4	11.5	29.4	58.5	89.7	115.8	134.2	143.7	143.7	134.2	115.8	89.7	58.5	29.4	11.5				11.4
10																			
0	12.6	15.5	41.5	77.6	111.5	138.6	156.8	165.9	165.9	156.8	138.6	111.5	77.6	41.5	15.5				12.6
-10																			
-20	11.4	19.4	51.7	90.6	125.4	151.8	168.6	176.1	176.1	168.6	151.8	125.4	90.6	51.7	19.4				11.4
-30																			
-40	8.4	22.5	58.4	98.5	133.1	158.2	171.6	176.2	176.2	171.6	158.2	133.1	98.5	58.4	22.5				8.4
-50																			
-60	4.4	24.2	61.7	102.3	136.5	160.2	170.8	174.6	174.6	170.8	160.2	136.5	102.3	61.7	24.2				4.4
-70																			
-80	0.9	5.2	10.9	19.0	29.4	40.6	50.2	55.5	55.5	50.2	40.6	29.4	19.0	10.9	5.2				0.9
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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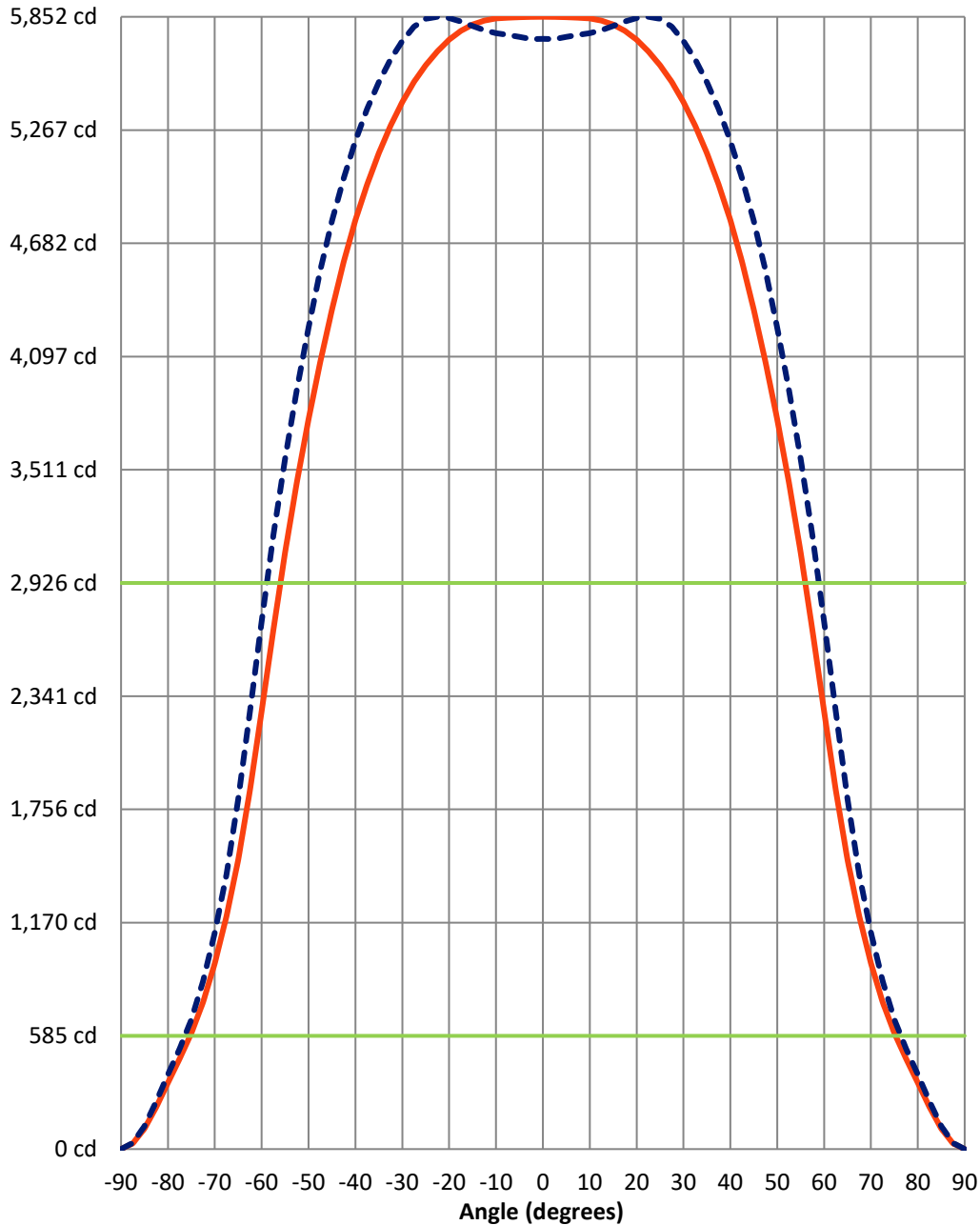
### Luminous Intensity Polar Plot





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### Luminous Intensity Plot



**Beam:**  
 H Angle: 117.8°  
 V Angle: 112°  
 Lumens: 14899  
 Efficiency: 83.2%

**Field:**  
 H Angle: 152.8°  
 V Angle: 150.5°  
 Lumens: 17550.6  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 352.1  
 Efficiency: 2.0%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.4	2.8	4.2	5.6	6.9	8.3	9.6	10.9	12.2	13.5
85°	0.0	2.8	5.6	8.3	11.1	13.8	16.5	19.2	21.9	24.5	27.0
82.5°	0.0	4.2	8.3	12.5	16.6	20.7	24.8	28.8	34.0	44.7	55.1
80°	0.0	5.6	11.1	16.6	22.1	27.6	34.6	49.2	63.5	77.6	91.5
77.5°	0.0	6.9	13.8	20.7	27.6	38.4	56.8	74.9	92.8	110.4	131.7
75°	0.0	8.3	16.5	24.8	34.6	56.8	78.7	100.4	123.1	153.8	184.0
72.5°	0.0	9.6	19.2	28.8	49.2	74.9	100.4	128.6	164.9	200.7	235.8
70°	0.0	10.9	21.9	34.0	63.5	92.8	123.1	164.9	206.2	247.1	291.2
67.5°	0.0	12.2	24.5	44.7	77.6	110.4	153.8	200.7	247.1	297.3	346.8
65°	0.0	13.5	27.0	55.1	91.5	131.7	184.0	235.8	291.2	346.8	400.9
62.5°	0.0	14.8	29.5	65.3	105.1	156.4	213.6	272.8	334.5	395.0	452.2
60°	0.0	16.0	32.0	75.3	118.4	180.6	242.6	310.0	376.9	440.4	502.6
57.5°	0.0	17.2	38.4	85.0	137.0	204.2	273.5	346.3	416.9	484.8	556.4
55°	0.0	18.4	44.7	94.5	155.4	227.2	303.8	381.7	455.4	529.5	611.0
52.5°	0.0	19.5	50.9	103.7	173.3	249.9	333.3	414.7	492.9	577.4	664.3
50°	0.0	20.6	56.8	112.6	190.5	273.7	361.9	446.5	530.7	623.8	730.3
47.5°	0.0	21.6	62.5	122.1	207.2	296.6	389.2	477.2	570.6	668.8	796.0
45°	0.0	22.6	68.0	134.1	223.2	318.7	414.5	506.7	609.0	725.3	859.3
42.5°	0.0	23.6	73.3	145.6	238.6	339.8	438.8	537.3	645.9	780.0	934.0
40°	0.0	24.5	78.3	156.6	254.0	360.0	461.9	568.1	684.8	832.2	1007.7
37.5°	0.0	25.4	83.0	167.0	269.3	379.2	483.9	597.3	728.9	885.7	1078.0
35°	0.0	26.2	87.5	176.8	283.7	396.8	504.8	625.0	770.6	945.4	1149.8
32.5°	0.0	27.0	91.8	186.1	297.4	413.1	525.2	651.1	809.9	1001.7	1225.3
30°	0.0	27.7	95.7	194.7	310.1	428.3	546.0	677.3	846.7	1054.4	1296.1
27.5°	0.0	28.4	99.4	202.7	321.9	442.4	565.3	707.1	884.3	1103.4	1361.9
25°	0.0	29.0	102.7	210.1	332.7	455.4	583.1	734.5	924.2	1154.5	1423.5
22.5°	0.0	29.6	105.8	216.8	342.6	467.2	599.3	759.5	960.6	1204.1	1495.3
20°	0.0	30.1	108.6	222.8	351.5	477.9	613.9	782.0	993.4	1248.7	1560.2
17.5°	0.0	30.5	111.0	228.2	359.4	487.3	626.9	802.0	1022.6	1288.5	1617.9
15°	0.0	30.9	113.1	232.9	366.3	495.6	638.2	819.4	1048.0	1323.1	1668.3
12.5°	0.0	31.2	115.0	236.8	372.1	502.6	647.8	834.3	1069.6	1352.6	1711.1
10°	0.0	31.5	116.4	240.1	376.9	508.3	655.7	846.4	1087.4	1376.8	1746.4
7.5°	0.0	31.7	117.6	242.6	380.7	512.8	661.9	855.9	1101.3	1395.8	1773.9
5°	0.0	31.9	118.4	244.4	383.4	516.0	666.3	862.7	1111.2	1409.3	1793.7
2.5°	0.0	32.0	118.9	245.5	385.0	518.0	668.9	866.8	1117.2	1417.5	1805.5
0°	0.0	32.0	119.1	245.9	385.5	518.6	669.8	868.2	1119.2	1420.2	1809.5
-2.5°	0.0	32.0	118.9	245.5	385.0	518.0	668.9	866.8	1117.2	1417.5	1805.5
-5°	0.0	31.9	118.4	244.4	383.4	516.0	666.3	862.7	1111.2	1409.3	1793.7
-7.5°	0.0	31.7	117.6	242.6	380.7	512.8	661.9	855.9	1101.3	1395.8	1773.9
-10°	0.0	31.5	116.4	240.1	376.9	508.3	655.7	846.4	1087.4	1376.8	1746.4
-12.5°	0.0	31.2	115.0	236.8	372.1	502.6	647.8	834.3	1069.6	1352.6	1711.1
-15°	0.0	30.9	113.1	232.9	366.3	495.6	638.2	819.4	1048.0	1323.1	1668.3
-17.5°	0.0	30.5	111.0	228.2	359.4	487.3	626.9	802.0	1022.6	1288.5	1617.9
-20°	0.0	30.1	108.6	222.8	351.5	477.9	613.9	782.0	993.4	1248.7	1560.2

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Scaled Data Report



REPORT NUMBER: P645426 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-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	29.6	105.8	216.8	342.6	467.2	599.3	759.5	960.6	1204.1	1495.3
-25°	0.0	29.0	102.7	210.1	332.7	455.4	583.1	734.5	924.2	1154.5	1423.5
-27.5°	0.0	28.4	99.4	202.7	321.9	442.4	565.3	707.1	884.3	1103.4	1361.9
-30°	0.0	27.7	95.7	194.7	310.1	428.3	546.0	677.3	846.7	1054.4	1296.1
-32.5°	0.0	27.0	91.8	186.1	297.4	413.1	525.2	651.1	809.9	1001.7	1225.3
-35°	0.0	26.2	87.5	176.8	283.7	396.8	504.8	625.0	770.6	945.4	1149.8
-37.5°	0.0	25.4	83.0	167.0	269.3	379.2	483.9	597.3	728.9	885.7	1078.0
-40°	0.0	24.5	78.3	156.6	254.0	360.0	461.9	568.1	684.8	832.2	1007.7
-42.5°	0.0	23.6	73.3	145.6	238.6	339.8	438.8	537.3	645.9	780.0	934.0
-45°	0.0	22.6	68.0	134.1	223.2	318.7	414.5	506.7	609.0	725.3	859.3
-47.5°	0.0	21.6	62.5	122.1	207.2	296.6	389.2	477.2	570.6	668.8	796.0
-50°	0.0	20.6	56.8	112.6	190.5	273.7	361.9	446.5	530.7	623.8	730.3
-52.5°	0.0	19.5	50.9	103.7	173.3	249.9	333.3	414.7	492.9	577.4	664.3
-55°	0.0	18.4	44.7	94.5	155.4	227.2	303.8	381.7	455.4	529.5	611.0
-57.5°	0.0	17.2	38.4	85.0	137.0	204.2	273.5	346.3	416.9	484.8	556.4
-60°	0.0	16.0	32.0	75.3	118.4	180.6	242.6	310.0	376.9	440.4	502.6
-62.5°	0.0	14.8	29.5	65.3	105.1	156.4	213.6	272.8	334.5	395.0	452.2
-65°	0.0	13.5	27.0	55.1	91.5	131.7	184.0	235.8	291.2	346.8	400.9
-67.5°	0.0	12.2	24.5	44.7	77.6	110.4	153.8	200.7	247.1	297.3	346.8
-70°	0.0	10.9	21.9	34.0	63.5	92.8	123.1	164.9	206.2	247.1	291.2
-72.5°	0.0	9.6	19.2	28.8	49.2	74.9	100.4	128.6	164.9	200.7	235.8
-75°	0.0	8.3	16.5	24.8	34.6	56.8	78.7	100.4	123.1	153.8	184.0
-77.5°	0.0	6.9	13.8	20.7	27.6	38.4	56.8	74.9	92.8	110.4	131.7
-80°	0.0	5.6	11.1	16.6	22.1	27.6	34.6	49.2	63.5	77.6	91.5
-82.5°	0.0	4.2	8.3	12.5	16.6	20.7	24.8	28.8	34.0	44.7	55.1
-85°	0.0	2.8	5.6	8.3	11.1	13.8	16.5	19.2	21.9	24.5	27.0
-87.5°	0.0	1.4	2.8	4.2	5.6	6.9	8.3	9.6	10.9	12.2	13.5
-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: P645426 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	14.8	16.0	17.2	18.4	19.5	20.6	21.6	22.6	23.6	24.5	25.4
85°	29.5	32.0	38.4	44.7	50.9	56.8	62.5	68.0	73.3	78.3	83.0
82.5°	65.3	75.3	85.0	94.5	103.7	112.6	122.1	134.1	145.6	156.6	167.0
80°	105.1	118.4	137.0	155.4	173.3	190.5	207.2	223.2	238.6	254.0	269.3
77.5°	156.4	180.6	204.2	227.2	249.9	273.7	296.6	318.7	339.8	360.0	379.2
75°	213.6	242.6	273.5	303.8	333.3	361.9	389.2	414.5	438.8	461.9	483.9
72.5°	272.8	310.0	346.3	381.7	414.7	446.5	477.2	506.7	537.3	568.1	597.3
70°	334.5	376.9	416.9	455.4	492.9	530.7	570.6	609.0	645.9	684.8	728.9
67.5°	395.0	440.4	484.8	529.5	577.4	623.8	668.8	725.3	780.0	832.2	885.7
65°	452.2	502.6	556.4	611.0	664.3	730.3	796.0	859.3	934.0	1007.7	1078.0
62.5°	508.5	569.9	631.4	698.2	775.0	849.6	936.2	1024.5	1109.5	1205.3	1298.5
60°	569.9	638.2	716.1	802.0	890.4	993.4	1093.4	1204.1	1315.7	1423.5	1555.8
57.5°	631.4	716.1	811.0	913.4	1028.0	1143.8	1273.8	1399.6	1550.5	1701.3	1851.3
55°	698.2	802.0	913.4	1039.6	1171.8	1316.0	1466.8	1642.5	1812.5	2002.0	2183.4
52.5°	775.0	890.4	1028.0	1171.8	1330.1	1503.6	1698.1	1899.3	2111.1	2316.9	2518.7
50°	849.6	993.4	1143.8	1316.0	1503.6	1716.8	1943.0	2177.3	2408.6	2634.2	2845.5
47.5°	936.2	1093.4	1273.8	1466.8	1698.1	1943.0	2199.4	2454.7	2704.2	2935.7	3157.4
45°	1024.5	1204.1	1399.6	1642.5	1899.3	2177.3	2454.7	2727.7	2981.1	3220.3	3429.6
42.5°	1109.5	1315.7	1550.5	1812.5	2111.1	2408.6	2704.2	2981.1	3240.8	3471.2	3681.4
40°	1205.3	1423.5	1701.3	2002.0	2316.9	2634.2	2935.7	3220.3	3471.2	3700.5	3913.3
37.5°	1298.5	1555.8	1851.3	2183.4	2518.7	2845.5	3157.4	3429.6	3681.4	3913.3	4117.5
35°	1387.1	1681.5	2010.6	2359.3	2711.3	3043.5	3347.1	3624.2	3874.4	4099.5	4308.2
32.5°	1485.5	1800.4	2161.4	2528.3	2886.7	3225.1	3526.0	3797.1	4045.8	4274.3	4481.6
30°	1587.0	1928.6	2304.5	2687.4	3051.5	3382.5	3682.9	3957.4	4204.1	4429.9	4633.0
27.5°	1681.5	2049.6	2441.1	2831.4	3202.0	3530.1	3826.5	4096.7	4344.8	4572.1	4769.0
25°	1768.9	2161.4	2567.5	2963.2	3328.8	3657.7	3956.6	4226.6	4473.4	4691.5	4882.9
22.5°	1855.1	2263.8	2683.3	3084.1	3445.3	3771.6	4067.9	4338.6	4585.5	4801.6	4985.3
20°	1938.9	2359.3	2785.5	3191.4	3550.9	3875.2	4169.2	4439.4	4679.6	4888.9	5071.8
17.5°	2013.4	2444.3	2874.9	3278.0	3637.8	3963.6	4258.8	4529.9	4764.4	4967.7	5146.5
15°	2078.6	2518.7	2953.1	3353.8	3712.6	4037.0	4332.2	4600.4	4833.3	5034.9	5212.4
12.5°	2134.1	2582.0	3019.8	3418.6	3776.4	4099.9	4395.2	4659.6	4888.6	5087.6	5261.3
10°	2179.7	2634.2	3074.8	3472.0	3829.1	4151.8	4447.2	4708.6	4934.4	5131.4	5302.0
7.5°	2215.4	2675.0	3117.7	3513.8	3870.4	4192.5	4488.0	4747.1	4970.5	5165.9	5334.1
5°	2241.0	2704.2	3148.6	3543.7	3900.0	4221.7	4517.4	4774.8	4996.5	5190.8	5357.3
2.5°	2256.4	2721.8	3167.1	3561.8	3917.8	4239.3	4535.1	4791.5	5012.2	5205.8	5371.3
0°	2261.5	2727.7	3173.3	3567.8	3923.8	4245.2	4541.0	4797.1	5017.4	5210.8	5376.0
-2.5°	2256.4	2721.8	3167.1	3561.8	3917.8	4239.3	4535.1	4791.5	5012.2	5205.8	5371.3
-5°	2241.0	2704.2	3148.6	3543.7	3900.0	4221.7	4517.4	4774.8	4996.5	5190.8	5357.3
-7.5°	2215.4	2675.0	3117.7	3513.8	3870.4	4192.5	4488.0	4747.1	4970.5	5165.9	5334.1
-10°	2179.7	2634.2	3074.8	3472.0	3829.1	4151.8	4447.2	4708.6	4934.4	5131.4	5302.0
-12.5°	2134.1	2582.0	3019.8	3418.6	3776.4	4099.9	4395.2	4659.6	4888.6	5087.6	5261.3
-15°	2078.6	2518.7	2953.1	3353.8	3712.6	4037.0	4332.2	4600.4	4833.3	5034.9	5212.4
-17.5°	2013.4	2444.3	2874.9	3278.0	3637.8	3963.6	4258.8	4529.9	4764.4	4967.7	5146.5
-20°	1938.9	2359.3	2785.5	3191.4	3550.9	3875.2	4169.2	4439.4	4679.6	4888.9	5071.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645426 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-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°	1855.1	2263.8	2683.3	3084.1	3445.3	3771.6	4067.9	4338.6	4585.5	4801.6	4985.3
-25°	1768.9	2161.4	2567.5	2963.2	3328.8	3657.7	3956.6	4226.6	4473.4	4691.5	4882.9
-27.5°	1681.5	2049.6	2441.1	2831.4	3202.0	3530.1	3826.5	4096.7	4344.8	4572.1	4769.0
-30°	1587.0	1928.6	2304.5	2687.4	3051.5	3382.5	3682.9	3957.4	4204.1	4429.9	4633.0
-32.5°	1485.5	1800.4	2161.4	2528.3	2886.7	3225.1	3526.0	3797.1	4045.8	4274.3	4481.6
-35°	1387.1	1681.5	2010.6	2359.3	2711.3	3043.5	3347.1	3624.2	3874.4	4099.5	4308.2
-37.5°	1298.5	1555.8	1851.3	2183.4	2518.7	2845.5	3157.4	3429.6	3681.4	3913.3	4117.5
-40°	1205.3	1423.5	1701.3	2002.0	2316.9	2634.2	2935.7	3220.3	3471.2	3700.5	3913.3
-42.5°	1109.5	1315.7	1550.5	1812.5	2111.1	2408.6	2704.2	2981.1	3240.8	3471.2	3681.4
-45°	1024.5	1204.1	1399.6	1642.5	1899.3	2177.3	2454.7	2727.7	2981.1	3220.3	3429.6
-47.5°	936.2	1093.4	1273.8	1466.8	1698.1	1943.0	2199.4	2454.7	2704.2	2935.7	3157.4
-50°	849.6	993.4	1143.8	1316.0	1503.6	1716.8	1943.0	2177.3	2408.6	2634.2	2845.5
-52.5°	775.0	890.4	1028.0	1171.8	1330.1	1503.6	1698.1	1899.3	2111.1	2316.9	2518.7
-55°	698.2	802.0	913.4	1039.6	1171.8	1316.0	1466.8	1642.5	1812.5	2002.0	2183.4
-57.5°	631.4	716.1	811.0	913.4	1028.0	1143.8	1273.8	1399.6	1550.5	1701.3	1851.3
-60°	569.9	638.2	716.1	802.0	890.4	993.4	1093.4	1204.1	1315.7	1423.5	1555.8
-62.5°	508.5	569.9	631.4	698.2	775.0	849.6	936.2	1024.5	1109.5	1205.3	1298.5
-65°	452.2	502.6	556.4	611.0	664.3	730.3	796.0	859.3	934.0	1007.7	1078.0
-67.5°	395.0	440.4	484.8	529.5	577.4	623.8	668.8	725.3	780.0	832.2	885.7
-70°	334.5	376.9	416.9	455.4	492.9	530.7	570.6	609.0	645.9	684.8	728.9
-72.5°	272.8	310.0	346.3	381.7	414.7	446.5	477.2	506.7	537.3	568.1	597.3
-75°	213.6	242.6	273.5	303.8	333.3	361.9	389.2	414.5	438.8	461.9	483.9
-77.5°	156.4	180.6	204.2	227.2	249.9	273.7	296.6	318.7	339.8	360.0	379.2
-80°	105.1	118.4	137.0	155.4	173.3	190.5	207.2	223.2	238.6	254.0	269.3
-82.5°	65.3	75.3	85.0	94.5	103.7	112.6	122.1	134.1	145.6	156.6	167.0
-85°	29.5	32.0	38.4	44.7	50.9	56.8	62.5	68.0	73.3	78.3	83.0
-87.5°	14.8	16.0	17.2	18.4	19.5	20.6	21.6	22.6	23.6	24.5	25.4
-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: P645426 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	26.2	27.0	27.7	28.4	29.0	29.6	30.1	30.5	30.9	31.2	31.5
85°	87.5	91.8	95.7	99.4	102.7	105.8	108.6	111.0	113.1	115.0	116.4
82.5°	176.8	186.1	194.7	202.7	210.1	216.8	222.8	228.2	232.9	236.8	240.1
80°	283.7	297.4	310.1	321.9	332.7	342.6	351.5	359.4	366.3	372.1	376.9
77.5°	396.8	413.1	428.3	442.4	455.4	467.2	477.9	487.3	495.6	502.6	508.3
75°	504.8	525.2	546.0	565.3	583.1	599.3	613.9	626.9	638.2	647.8	655.7
72.5°	625.0	651.1	677.3	707.1	734.5	759.5	782.0	802.0	819.4	834.3	846.4
70°	770.6	809.9	846.7	884.3	924.2	960.6	993.4	1022.6	1048.0	1069.6	1087.4
67.5°	945.4	1001.7	1054.4	1103.4	1154.5	1204.1	1248.7	1288.5	1323.1	1352.6	1376.8
65°	1149.8	1225.3	1296.1	1361.9	1423.5	1495.3	1560.2	1617.9	1668.3	1711.1	1746.4
62.5°	1387.1	1485.5	1587.0	1681.5	1768.9	1855.1	1938.9	2013.4	2078.6	2134.1	2179.7
60°	1681.5	1800.4	1928.6	2049.6	2161.4	2263.8	2359.3	2444.3	2518.7	2582.0	2634.2
57.5°	2010.6	2161.4	2304.5	2441.1	2567.5	2683.3	2785.5	2874.9	2953.1	3019.8	3074.8
55°	2359.3	2528.3	2687.4	2831.4	2963.2	3084.1	3191.4	3278.0	3353.8	3418.6	3472.0
52.5°	2711.3	2886.7	3051.5	3202.0	3328.8	3445.3	3550.9	3637.8	3712.6	3776.4	3829.1
50°	3043.5	3225.1	3382.5	3530.1	3657.7	3771.6	3875.2	3963.6	4037.0	4099.9	4151.8
47.5°	3347.1	3526.0	3682.9	3826.5	3956.6	4067.9	4169.2	4258.8	4332.2	4395.2	4447.2
45°	3624.2	3797.1	3957.4	4096.7	4226.6	4338.6	4439.4	4529.9	4600.4	4659.6	4708.6
42.5°	3874.4	4045.8	4204.1	4344.8	4473.4	4585.5	4679.6	4764.4	4833.3	4888.6	4934.4
40°	4099.5	4274.3	4429.9	4572.1	4691.5	4801.6	4888.9	4967.7	5034.9	5087.6	5131.4
37.5°	4308.2	4481.6	4633.0	4769.0	4882.9	4985.3	5071.8	5146.5	5212.4	5261.3	5302.0
35°	4499.0	4663.8	4813.5	4938.3	5051.2	5147.6	5232.7	5301.6	5362.9	5409.5	5446.6
32.5°	4663.8	4827.2	4966.3	5089.0	5199.3	5289.2	5370.9	5434.0	5489.6	5534.4	5568.9
30°	4813.5	4966.3	5101.8	5223.4	5323.8	5411.4	5484.9	5546.5	5597.9	5640.6	5670.9
27.5°	4938.3	5089.0	5223.4	5335.5	5431.6	5515.9	5583.2	5642.5	5687.3	5726.6	5752.7
25°	5051.2	5199.3	5323.8	5431.6	5524.9	5601.9	5665.9	5719.6	5759.4	5793.1	5812.5
22.5°	5147.6	5289.2	5411.4	5515.9	5601.9	5673.8	5734.1	5779.6	5812.2	5832.6	5844.1
20°	5232.7	5370.9	5484.9	5583.2	5665.9	5734.1	5786.5	5820.2	5842.9	5848.4	5851.7
17.5°	5301.6	5434.0	5546.5	5642.5	5719.6	5779.6	5820.2	5843.9	5850.7	5849.5	5846.1
15°	5362.9	5489.6	5597.9	5687.3	5759.4	5812.2	5842.9	5850.7	5848.7	5841.8	5831.3
12.5°	5409.5	5534.4	5640.6	5726.6	5793.1	5832.6	5848.4	5849.5	5841.8	5828.8	5813.8
10°	5446.6	5568.9	5670.9	5752.7	5812.5	5844.1	5851.7	5846.1	5831.3	5813.8	5797.2
7.5°	5475.9	5596.2	5695.0	5773.5	5825.2	5847.6	5849.2	5838.7	5820.9	5801.0	5783.1
5°	5497.1	5616.0	5712.6	5788.7	5834.5	5850.2	5847.4	5832.9	5812.3	5791.5	5775.0
2.5°	5510.0	5628.1	5723.2	5798.0	5840.2	5851.8	5846.3	5829.2	5806.9	5785.3	5769.7
0°	5514.3	5632.1	5726.8	5801.1	5842.1	5852.3	5845.9	5828.0	5805.0	5783.2	5767.8
-2.5°	5510.0	5628.1	5723.2	5798.0	5840.2	5851.8	5846.3	5829.2	5806.9	5785.3	5769.7
-5°	5497.1	5616.0	5712.6	5788.7	5834.5	5850.2	5847.4	5832.9	5812.3	5791.5	5775.0
-7.5°	5475.9	5596.2	5695.0	5773.5	5825.2	5847.6	5849.2	5838.7	5820.9	5801.0	5783.1
-10°	5446.6	5568.9	5670.9	5752.7	5812.5	5844.1	5851.7	5846.1	5831.3	5813.8	5797.2
-12.5°	5409.5	5534.4	5640.6	5726.6	5793.1	5832.6	5848.4	5849.5	5841.8	5828.8	5813.8
-15°	5362.9	5489.6	5597.9	5687.3	5759.4	5812.2	5842.9	5850.7	5848.7	5841.8	5831.3
-17.5°	5301.6	5434.0	5546.5	5642.5	5719.6	5779.6	5820.2	5843.9	5850.7	5849.5	5846.1
-20°	5232.7	5370.9	5484.9	5583.2	5665.9	5734.1	5786.5	5820.2	5842.9	5848.4	5851.7



REPORT NUMBER: P645426 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	5147.6	5289.2	5411.4	5515.9	5601.9	5673.8	5734.1	5779.6	5812.2	5832.6	5844.1
-25°	5051.2	5199.3	5323.8	5431.6	5524.9	5601.9	5665.9	5719.6	5759.4	5793.1	5812.5
-27.5°	4938.3	5089.0	5223.4	5335.5	5431.6	5515.9	5583.2	5642.5	5687.3	5726.6	5752.7
-30°	4813.5	4966.3	5101.8	5223.4	5323.8	5411.4	5484.9	5546.5	5597.9	5640.6	5670.9
-32.5°	4663.8	4827.2	4966.3	5089.0	5199.3	5289.2	5370.9	5434.0	5489.6	5534.4	5568.9
-35°	4499.0	4663.8	4813.5	4938.3	5051.2	5147.6	5232.7	5301.6	5362.9	5409.5	5446.6
-37.5°	4308.2	4481.6	4633.0	4769.0	4882.9	4985.3	5071.8	5146.5	5212.4	5261.3	5302.0
-40°	4099.5	4274.3	4429.9	4572.1	4691.5	4801.6	4888.9	4967.7	5034.9	5087.6	5131.4
-42.5°	3874.4	4045.8	4204.1	4344.8	4473.4	4585.5	4679.6	4764.4	4833.3	4888.6	4934.4
-45°	3624.2	3797.1	3957.4	4096.7	4226.6	4338.6	4439.4	4529.9	4600.4	4659.6	4708.6
-47.5°	3347.1	3526.0	3682.9	3826.5	3956.6	4067.9	4169.2	4258.8	4332.2	4395.2	4447.2
-50°	3043.5	3225.1	3382.5	3530.1	3657.7	3771.6	3875.2	3963.6	4037.0	4099.9	4151.8
-52.5°	2711.3	2886.7	3051.5	3202.0	3328.8	3445.3	3550.9	3637.8	3712.6	3776.4	3829.1
-55°	2359.3	2528.3	2687.4	2831.4	2963.2	3084.1	3191.4	3278.0	3353.8	3418.6	3472.0
-57.5°	2010.6	2161.4	2304.5	2441.1	2567.5	2683.3	2785.5	2874.9	2953.1	3019.8	3074.8
-60°	1681.5	1800.4	1928.6	2049.6	2161.4	2263.8	2359.3	2444.3	2518.7	2582.0	2634.2
-62.5°	1387.1	1485.5	1587.0	1681.5	1768.9	1855.1	1938.9	2013.4	2078.6	2134.1	2179.7
-65°	1149.8	1225.3	1296.1	1361.9	1423.5	1495.3	1560.2	1617.9	1668.3	1711.1	1746.4
-67.5°	945.4	1001.7	1054.4	1103.4	1154.5	1204.1	1248.7	1288.5	1323.1	1352.6	1376.8
-70°	770.6	809.9	846.7	884.3	924.2	960.6	993.4	1022.6	1048.0	1069.6	1087.4
-72.5°	625.0	651.1	677.3	707.1	734.5	759.5	782.0	802.0	819.4	834.3	846.4
-75°	504.8	525.2	546.0	565.3	583.1	599.3	613.9	626.9	638.2	647.8	655.7
-77.5°	396.8	413.1	428.3	442.4	455.4	467.2	477.9	487.3	495.6	502.6	508.3
-80°	283.7	297.4	310.1	321.9	332.7	342.6	351.5	359.4	366.3	372.1	376.9
-82.5°	176.8	186.1	194.7	202.7	210.1	216.8	222.8	228.2	232.9	236.8	240.1
-85°	87.5	91.8	95.7	99.4	102.7	105.8	108.6	111.0	113.1	115.0	116.4
-87.5°	26.2	27.0	27.7	28.4	29.0	29.6	30.1	30.5	30.9	31.2	31.5
-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: P645426 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	31.7	31.9	32.0	32.0	32.0	31.9	31.7	31.5	31.2	30.9	30.5
85°	117.6	118.4	118.9	119.1	118.9	118.4	117.6	116.4	115.0	113.1	111.0
82.5°	242.6	244.4	245.5	245.9	245.5	244.4	242.6	240.1	236.8	232.9	228.2
80°	380.7	383.4	385.0	385.5	385.0	383.4	380.7	376.9	372.1	366.3	359.4
77.5°	512.8	516.0	518.0	518.6	518.0	516.0	512.8	508.3	502.6	495.6	487.3
75°	661.9	666.3	668.9	669.8	668.9	666.3	661.9	655.7	647.8	638.2	626.9
72.5°	855.9	862.7	866.8	868.2	866.8	862.7	855.9	846.4	834.3	819.4	802.0
70°	1101.3	1111.2	1117.2	1119.2	1117.2	1111.2	1101.3	1087.4	1069.6	1048.0	1022.6
67.5°	1395.8	1409.3	1417.5	1420.2	1417.5	1409.3	1395.8	1376.8	1352.6	1323.1	1288.5
65°	1773.9	1793.7	1805.5	1809.5	1805.5	1793.7	1773.9	1746.4	1711.1	1668.3	1617.9
62.5°	2215.4	2241.0	2256.4	2261.5	2256.4	2241.0	2215.4	2179.7	2134.1	2078.6	2013.4
60°	2675.0	2704.2	2721.8	2727.7	2721.8	2704.2	2675.0	2634.2	2582.0	2518.7	2444.3
57.5°	3117.7	3148.6	3167.1	3173.3	3167.1	3148.6	3117.7	3074.8	3019.8	2953.1	2874.9
55°	3513.8	3543.7	3561.8	3567.8	3561.8	3543.7	3513.8	3472.0	3418.6	3353.8	3278.0
52.5°	3870.4	3900.0	3917.8	3923.8	3917.8	3900.0	3870.4	3829.1	3776.4	3712.6	3637.8
50°	4192.5	4221.7	4239.3	4245.2	4239.3	4221.7	4192.5	4151.8	4099.9	4037.0	3963.6
47.5°	4488.0	4517.4	4535.1	4541.0	4535.1	4517.4	4488.0	4447.2	4395.2	4332.2	4258.8
45°	4747.1	4774.8	4791.5	4797.1	4791.5	4774.8	4747.1	4708.6	4659.6	4600.4	4529.9
42.5°	4970.5	4996.5	5012.2	5017.4	5012.2	4996.5	4970.5	4934.4	4888.6	4833.3	4764.4
40°	5165.9	5190.8	5205.8	5210.8	5205.8	5190.8	5165.9	5131.4	5087.6	5034.9	4967.7
37.5°	5334.1	5357.3	5371.3	5376.0	5371.3	5357.3	5334.1	5302.0	5261.3	5212.4	5146.5
35°	5475.9	5497.1	5510.0	5514.3	5510.0	5497.1	5475.9	5446.6	5409.5	5362.9	5301.6
32.5°	5596.2	5616.0	5628.1	5632.1	5628.1	5616.0	5596.2	5568.9	5534.4	5489.6	5434.0
30°	5695.0	5712.6	5723.2	5726.8	5723.2	5712.6	5695.0	5670.9	5640.6	5597.9	5546.5
27.5°	5773.5	5788.7	5798.0	5801.1	5798.0	5788.7	5773.5	5752.7	5726.6	5687.3	5642.5
25°	5825.2	5834.5	5840.2	5842.1	5840.2	5834.5	5825.2	5812.5	5793.1	5759.4	5719.6
22.5°	5847.6	5850.2	5851.8	5852.3	5851.8	5850.2	5847.6	5844.1	5832.6	5812.2	5779.6
20°	5849.2	5847.4	5846.3	5845.9	5846.3	5847.4	5849.2	5851.7	5848.4	5842.9	5820.2
17.5°	5838.7	5832.9	5829.2	5828.0	5829.2	5832.9	5838.7	5846.1	5849.5	5850.7	5843.9
15°	5820.9	5812.3	5806.9	5805.0	5806.9	5812.3	5820.9	5831.3	5841.8	5848.7	5850.7
12.5°	5801.0	5791.5	5785.3	5783.2	5785.3	5791.5	5801.0	5813.8	5828.8	5841.8	5849.5
10°	5783.1	5775.0	5769.7	5767.8	5769.7	5775.0	5783.1	5797.2	5813.8	5831.3	5846.1
7.5°	5771.4	5764.3	5760.3	5758.9	5760.3	5764.3	5771.4	5783.1	5801.0	5820.9	5838.7
5°	5764.3	5757.1	5751.0	5748.6	5751.0	5757.1	5764.3	5775.0	5791.5	5812.3	5832.9
2.5°	5760.3	5751.0	5741.9	5737.1	5741.9	5751.0	5760.3	5769.7	5785.3	5806.9	5829.2
0°	5758.9	5748.6	5737.1	5738.4	5737.1	5748.6	5758.9	5767.8	5783.2	5805.0	5828.0
-2.5°	5760.3	5751.0	5741.9	5737.1	5741.9	5751.0	5760.3	5769.7	5785.3	5806.9	5829.2
-5°	5764.3	5757.1	5751.0	5748.6	5751.0	5757.1	5764.3	5775.0	5791.5	5812.3	5832.9
-7.5°	5771.4	5764.3	5760.3	5758.9	5760.3	5764.3	5771.4	5783.1	5801.0	5820.9	5838.7
-10°	5783.1	5775.0	5769.7	5767.8	5769.7	5775.0	5783.1	5797.2	5813.8	5831.3	5846.1
-12.5°	5801.0	5791.5	5785.3	5783.2	5785.3	5791.5	5801.0	5813.8	5828.8	5841.8	5849.5
-15°	5820.9	5812.3	5806.9	5805.0	5806.9	5812.3	5820.9	5831.3	5841.8	5848.7	5850.7
-17.5°	5838.7	5832.9	5829.2	5828.0	5829.2	5832.9	5838.7	5846.1	5849.5	5850.7	5843.9
-20°	5849.2	5847.4	5846.3	5845.9	5846.3	5847.4	5849.2	5851.7	5848.4	5842.9	5820.2

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

Scaled Data Report



REPORT NUMBER: P645426 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-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°	5847.6	5850.2	5851.8	5852.3	5851.8	5850.2	5847.6	5844.1	5832.6	5812.2	5779.6
-25°	5825.2	5834.5	5840.2	5842.1	5840.2	5834.5	5825.2	5812.5	5793.1	5759.4	5719.6
-27.5°	5773.5	5788.7	5798.0	5801.1	5798.0	5788.7	5773.5	5752.7	5726.6	5687.3	5642.5
-30°	5695.0	5712.6	5723.2	5726.8	5723.2	5712.6	5695.0	5670.9	5640.6	5597.9	5546.5
-32.5°	5596.2	5616.0	5628.1	5632.1	5628.1	5616.0	5596.2	5568.9	5534.4	5489.6	5434.0
-35°	5475.9	5497.1	5510.0	5514.3	5510.0	5497.1	5475.9	5446.6	5409.5	5362.9	5301.6
-37.5°	5334.1	5357.3	5371.3	5376.0	5371.3	5357.3	5334.1	5302.0	5261.3	5212.4	5146.5
-40°	5165.9	5190.8	5205.8	5210.8	5205.8	5190.8	5165.9	5131.4	5087.6	5034.9	4967.7
-42.5°	4970.5	4996.5	5012.2	5017.4	5012.2	4996.5	4970.5	4934.4	4888.6	4833.3	4764.4
-45°	4747.1	4774.8	4791.5	4797.1	4791.5	4774.8	4747.1	4708.6	4659.6	4600.4	4529.9
-47.5°	4488.0	4517.4	4535.1	4541.0	4535.1	4517.4	4488.0	4447.2	4395.2	4332.2	4258.8
-50°	4192.5	4221.7	4239.3	4245.2	4239.3	4221.7	4192.5	4151.8	4099.9	4037.0	3963.6
-52.5°	3870.4	3900.0	3917.8	3923.8	3917.8	3900.0	3870.4	3829.1	3776.4	3712.6	3637.8
-55°	3513.8	3543.7	3561.8	3567.8	3561.8	3543.7	3513.8	3472.0	3418.6	3353.8	3278.0
-57.5°	3117.7	3148.6	3167.1	3173.3	3167.1	3148.6	3117.7	3074.8	3019.8	2953.1	2874.9
-60°	2675.0	2704.2	2721.8	2727.7	2721.8	2704.2	2675.0	2634.2	2582.0	2518.7	2444.3
-62.5°	2215.4	2241.0	2256.4	2261.5	2256.4	2241.0	2215.4	2179.7	2134.1	2078.6	2013.4
-65°	1773.9	1793.7	1805.5	1809.5	1805.5	1793.7	1773.9	1746.4	1711.1	1668.3	1617.9
-67.5°	1395.8	1409.3	1417.5	1420.2	1417.5	1409.3	1395.8	1376.8	1352.6	1323.1	1288.5
-70°	1101.3	1111.2	1117.2	1119.2	1117.2	1111.2	1101.3	1087.4	1069.6	1048.0	1022.6
-72.5°	855.9	862.7	866.8	868.2	866.8	862.7	855.9	846.4	834.3	819.4	802.0
-75°	661.9	666.3	668.9	669.8	668.9	666.3	661.9	655.7	647.8	638.2	626.9
-77.5°	512.8	516.0	518.0	518.6	518.0	516.0	512.8	508.3	502.6	495.6	487.3
-80°	380.7	383.4	385.0	385.5	385.0	383.4	380.7	376.9	372.1	366.3	359.4
-82.5°	242.6	244.4	245.5	245.9	245.5	244.4	242.6	240.1	236.8	232.9	228.2
-85°	117.6	118.4	118.9	119.1	118.9	118.4	117.6	116.4	115.0	113.1	111.0
-87.5°	31.7	31.9	32.0	32.0	32.0	31.9	31.7	31.5	31.2	30.9	30.5
-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: P645426 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	30.1	29.6	29.0	28.4	27.7	27.0	26.2	25.4	24.5	23.6	22.6
85°	108.6	105.8	102.7	99.4	95.7	91.8	87.5	83.0	78.3	73.3	68.0
82.5°	222.8	216.8	210.1	202.7	194.7	186.1	176.8	167.0	156.6	145.6	134.1
80°	351.5	342.6	332.7	321.9	310.1	297.4	283.7	269.3	254.0	238.6	223.2
77.5°	477.9	467.2	455.4	442.4	428.3	413.1	396.8	379.2	360.0	339.8	318.7
75°	613.9	599.3	583.1	565.3	546.0	525.2	504.8	483.9	461.9	438.8	414.5
72.5°	782.0	759.5	734.5	707.1	677.3	651.1	625.0	597.3	568.1	537.3	506.7
70°	993.4	960.6	924.2	884.3	846.7	809.9	770.6	728.9	684.8	645.9	609.0
67.5°	1248.7	1204.1	1154.5	1103.4	1054.4	1001.7	945.4	885.7	832.2	780.0	725.3
65°	1560.2	1495.3	1423.5	1361.9	1296.1	1225.3	1149.8	1078.0	1007.7	934.0	859.3
62.5°	1938.9	1855.1	1768.9	1681.5	1587.0	1485.5	1387.1	1298.5	1205.3	1109.5	1024.5
60°	2359.3	2263.8	2161.4	2049.6	1928.6	1800.4	1681.5	1555.8	1423.5	1315.7	1204.1
57.5°	2785.5	2683.3	2567.5	2441.1	2304.5	2161.4	2010.6	1851.3	1701.3	1550.5	1399.6
55°	3191.4	3084.1	2963.2	2831.4	2687.4	2528.3	2359.3	2183.4	2002.0	1812.5	1642.5
52.5°	3550.9	3445.3	3328.8	3202.0	3051.5	2886.7	2711.3	2518.7	2316.9	2111.1	1899.3
50°	3875.2	3771.6	3657.7	3530.1	3382.5	3225.1	3043.5	2845.5	2634.2	2408.6	2177.3
47.5°	4169.2	4067.9	3956.6	3826.5	3682.9	3526.0	3347.1	3157.4	2935.7	2704.2	2454.7
45°	4439.4	4338.6	4226.6	4096.7	3957.4	3797.1	3624.2	3429.6	3220.3	2981.1	2727.7
42.5°	4679.6	4585.5	4473.4	4344.8	4204.1	4045.8	3874.4	3681.4	3471.2	3240.8	2981.1
40°	4888.9	4801.6	4691.5	4572.1	4429.9	4274.3	4099.5	3913.3	3700.5	3471.2	3220.3
37.5°	5071.8	4985.3	4882.9	4769.0	4633.0	4481.6	4308.2	4117.5	3913.3	3681.4	3429.6
35°	5232.7	5147.6	5051.2	4938.3	4813.5	4663.8	4499.0	4308.2	4099.5	3874.4	3624.2
32.5°	5370.9	5289.2	5199.3	5089.0	4966.3	4827.2	4663.8	4481.6	4274.3	4045.8	3797.1
30°	5484.9	5411.4	5323.8	5223.4	5101.8	4966.3	4813.5	4633.0	4429.9	4204.1	3957.4
27.5°	5583.2	5515.9	5431.6	5335.5	5223.4	5089.0	4938.3	4769.0	4572.1	4344.8	4096.7
25°	5665.9	5601.9	5524.9	5431.6	5323.8	5199.3	5051.2	4882.9	4691.5	4473.4	4226.6
22.5°	5734.1	5673.8	5601.9	5515.9	5411.4	5289.2	5147.6	4985.3	4801.6	4585.5	4338.6
20°	5786.5	5734.1	5665.9	5583.2	5484.9	5370.9	5232.7	5071.8	4888.9	4679.6	4439.4
17.5°	5820.2	5779.6	5719.6	5642.5	5546.5	5434.0	5301.6	5146.5	4967.7	4764.4	4529.9
15°	5842.9	5812.2	5759.4	5687.3	5597.9	5489.6	5362.9	5212.4	5034.9	4833.3	4600.4
12.5°	5848.4	5832.6	5793.1	5726.6	5640.6	5534.4	5409.5	5261.3	5087.6	4888.6	4659.6
10°	5851.7	5844.1	5812.5	5752.7	5670.9	5568.9	5446.6	5302.0	5131.4	4934.4	4708.6
7.5°	5849.2	5847.6	5825.2	5773.5	5695.0	5596.2	5475.9	5334.1	5165.9	4970.5	4747.1
5°	5847.4	5850.2	5834.5	5788.7	5712.6	5616.0	5497.1	5357.3	5190.8	4996.5	4774.8
2.5°	5846.3	5851.8	5840.2	5798.0	5723.2	5628.1	5510.0	5371.3	5205.8	5012.2	4791.5
0°	5845.9	5852.3	5842.1	5801.1	5726.8	5632.1	5514.3	5376.0	5210.8	5017.4	4797.1
-2.5°	5846.3	5851.8	5840.2	5798.0	5723.2	5628.1	5510.0	5371.3	5205.8	5012.2	4791.5
-5°	5847.4	5850.2	5834.5	5788.7	5712.6	5616.0	5497.1	5357.3	5190.8	4996.5	4774.8
-7.5°	5849.2	5847.6	5825.2	5773.5	5695.0	5596.2	5475.9	5334.1	5165.9	4970.5	4747.1
-10°	5851.7	5844.1	5812.5	5752.7	5670.9	5568.9	5446.6	5302.0	5131.4	4934.4	4708.6
-12.5°	5848.4	5832.6	5793.1	5726.6	5640.6	5534.4	5409.5	5261.3	5087.6	4888.6	4659.6
-15°	5842.9	5812.2	5759.4	5687.3	5597.9	5489.6	5362.9	5212.4	5034.9	4833.3	4600.4
-17.5°	5820.2	5779.6	5719.6	5642.5	5546.5	5434.0	5301.6	5146.5	4967.7	4764.4	4529.9
-20°	5786.5	5734.1	5665.9	5583.2	5484.9	5370.9	5232.7	5071.8	4888.9	4679.6	4439.4

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REPORT NUMBER: P645426 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-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°	5734.1	5673.8	5601.9	5515.9	5411.4	5289.2	5147.6	4985.3	4801.6	4585.5	4338.6
-25°	5665.9	5601.9	5524.9	5431.6	5323.8	5199.3	5051.2	4882.9	4691.5	4473.4	4226.6
-27.5°	5583.2	5515.9	5431.6	5335.5	5223.4	5089.0	4938.3	4769.0	4572.1	4344.8	4096.7
-30°	5484.9	5411.4	5323.8	5223.4	5101.8	4966.3	4813.5	4633.0	4429.9	4204.1	3957.4
-32.5°	5370.9	5289.2	5199.3	5089.0	4966.3	4827.2	4663.8	4481.6	4274.3	4045.8	3797.1
-35°	5232.7	5147.6	5051.2	4938.3	4813.5	4663.8	4499.0	4308.2	4099.5	3874.4	3624.2
-37.5°	5071.8	4985.3	4882.9	4769.0	4633.0	4481.6	4308.2	4117.5	3913.3	3681.4	3429.6
-40°	4888.9	4801.6	4691.5	4572.1	4429.9	4274.3	4099.5	3913.3	3700.5	3471.2	3220.3
-42.5°	4679.6	4585.5	4473.4	4344.8	4204.1	4045.8	3874.4	3681.4	3471.2	3240.8	2981.1
-45°	4439.4	4338.6	4226.6	4096.7	3957.4	3797.1	3624.2	3429.6	3220.3	2981.1	2727.7
-47.5°	4169.2	4067.9	3956.6	3826.5	3682.9	3526.0	3347.1	3157.4	2935.7	2704.2	2454.7
-50°	3875.2	3771.6	3657.7	3530.1	3382.5	3225.1	3043.5	2845.5	2634.2	2408.6	2177.3
-52.5°	3550.9	3445.3	3328.8	3202.0	3051.5	2886.7	2711.3	2518.7	2316.9	2111.1	1899.3
-55°	3191.4	3084.1	2963.2	2831.4	2687.4	2528.3	2359.3	2183.4	2002.0	1812.5	1642.5
-57.5°	2785.5	2683.3	2567.5	2441.1	2304.5	2161.4	2010.6	1851.3	1701.3	1550.5	1399.6
-60°	2359.3	2263.8	2161.4	2049.6	1928.6	1800.4	1681.5	1555.8	1423.5	1315.7	1204.1
-62.5°	1938.9	1855.1	1768.9	1681.5	1587.0	1485.5	1387.1	1298.5	1205.3	1109.5	1024.5
-65°	1560.2	1495.3	1423.5	1361.9	1296.1	1225.3	1149.8	1078.0	1007.7	934.0	859.3
-67.5°	1248.7	1204.1	1154.5	1103.4	1054.4	1001.7	945.4	885.7	832.2	780.0	725.3
-70°	993.4	960.6	924.2	884.3	846.7	809.9	770.6	728.9	684.8	645.9	609.0
-72.5°	782.0	759.5	734.5	707.1	677.3	651.1	625.0	597.3	568.1	537.3	506.7
-75°	613.9	599.3	583.1	565.3	546.0	525.2	504.8	483.9	461.9	438.8	414.5
-77.5°	477.9	467.2	455.4	442.4	428.3	413.1	396.8	379.2	360.0	339.8	318.7
-80°	351.5	342.6	332.7	321.9	310.1	297.4	283.7	269.3	254.0	238.6	223.2
-82.5°	222.8	216.8	210.1	202.7	194.7	186.1	176.8	167.0	156.6	145.6	134.1
-85°	108.6	105.8	102.7	99.4	95.7	91.8	87.5	83.0	78.3	73.3	68.0
-87.5°	30.1	29.6	29.0	28.4	27.7	27.0	26.2	25.4	24.5	23.6	22.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P645426 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	21.6	20.6	19.5	18.4	17.2	16.0	14.8	13.5	12.2	10.9	9.6
85°	62.5	56.8	50.9	44.7	38.4	32.0	29.5	27.0	24.5	21.9	19.2
82.5°	122.1	112.6	103.7	94.5	85.0	75.3	65.3	55.1	44.7	34.0	28.8
80°	207.2	190.5	173.3	155.4	137.0	118.4	105.1	91.5	77.6	63.5	49.2
77.5°	296.6	273.7	249.9	227.2	204.2	180.6	156.4	131.7	110.4	92.8	74.9
75°	389.2	361.9	333.3	303.8	273.5	242.6	213.6	184.0	153.8	123.1	100.4
72.5°	477.2	446.5	414.7	381.7	346.3	310.0	272.8	235.8	200.7	164.9	128.6
70°	570.6	530.7	492.9	455.4	416.9	376.9	334.5	291.2	247.1	206.2	164.9
67.5°	668.8	623.8	577.4	529.5	484.8	440.4	395.0	346.8	297.3	247.1	200.7
65°	796.0	730.3	664.3	611.0	556.4	502.6	452.2	400.9	346.8	291.2	235.8
62.5°	936.2	849.6	775.0	698.2	631.4	569.9	508.5	452.2	395.0	334.5	272.8
60°	1093.4	993.4	890.4	802.0	716.1	638.2	569.9	502.6	440.4	376.9	310.0
57.5°	1273.8	1143.8	1028.0	913.4	811.0	716.1	631.4	556.4	484.8	416.9	346.3
55°	1466.8	1316.0	1171.8	1039.6	913.4	802.0	698.2	611.0	529.5	455.4	381.7
52.5°	1698.1	1503.6	1330.1	1171.8	1028.0	890.4	775.0	664.3	577.4	492.9	414.7
50°	1943.0	1716.8	1503.6	1316.0	1143.8	993.4	849.6	730.3	623.8	530.7	446.5
47.5°	2199.4	1943.0	1698.1	1466.8	1273.8	1093.4	936.2	796.0	668.8	570.6	477.2
45°	2454.7	2177.3	1899.3	1642.5	1399.6	1204.1	1024.5	859.3	725.3	609.0	506.7
42.5°	2704.2	2408.6	2111.1	1812.5	1550.5	1315.7	1109.5	934.0	780.0	645.9	537.3
40°	2935.7	2634.2	2316.9	2002.0	1701.3	1423.5	1205.3	1007.7	832.2	684.8	568.1
37.5°	3157.4	2845.5	2518.7	2183.4	1851.3	1555.8	1298.5	1078.0	885.7	728.9	597.3
35°	3347.1	3043.5	2711.3	2359.3	2010.6	1681.5	1387.1	1149.8	945.4	770.6	625.0
32.5°	3526.0	3225.1	2886.7	2528.3	2161.4	1800.4	1485.5	1225.3	1001.7	809.9	651.1
30°	3682.9	3382.5	3051.5	2687.4	2304.5	1928.6	1587.0	1296.1	1054.4	846.7	677.3
27.5°	3826.5	3530.1	3202.0	2831.4	2441.1	2049.6	1681.5	1361.9	1103.4	884.3	707.1
25°	3956.6	3657.7	3328.8	2963.2	2567.5	2161.4	1768.9	1423.5	1154.5	924.2	734.5
22.5°	4067.9	3771.6	3445.3	3084.1	2683.3	2263.8	1855.1	1495.3	1204.1	960.6	759.5
20°	4169.2	3875.2	3550.9	3191.4	2785.5	2359.3	1938.9	1560.2	1248.7	993.4	782.0
17.5°	4258.8	3963.6	3637.8	3278.0	2874.9	2444.3	2013.4	1617.9	1288.5	1022.6	802.0
15°	4332.2	4037.0	3712.6	3353.8	2953.1	2518.7	2078.6	1668.3	1323.1	1048.0	819.4
12.5°	4395.2	4099.9	3776.4	3418.6	3019.8	2582.0	2134.1	1711.1	1352.6	1069.6	834.3
10°	4447.2	4151.8	3829.1	3472.0	3074.8	2634.2	2179.7	1746.4	1376.8	1087.4	846.4
7.5°	4488.0	4192.5	3870.4	3513.8	3117.7	2675.0	2215.4	1773.9	1395.8	1101.3	855.9
5°	4517.4	4221.7	3900.0	3543.7	3148.6	2704.2	2241.0	1793.7	1409.3	1111.2	862.7
2.5°	4535.1	4239.3	3917.8	3561.8	3167.1	2721.8	2256.4	1805.5	1417.5	1117.2	866.8
0°	4541.0	4245.2	3923.8	3567.8	3173.3	2727.7	2261.5	1809.5	1420.2	1119.2	868.2
-2.5°	4535.1	4239.3	3917.8	3561.8	3167.1	2721.8	2256.4	1805.5	1417.5	1117.2	866.8
-5°	4517.4	4221.7	3900.0	3543.7	3148.6	2704.2	2241.0	1793.7	1409.3	1111.2	862.7
-7.5°	4488.0	4192.5	3870.4	3513.8	3117.7	2675.0	2215.4	1773.9	1395.8	1101.3	855.9
-10°	4447.2	4151.8	3829.1	3472.0	3074.8	2634.2	2179.7	1746.4	1376.8	1087.4	846.4
-12.5°	4395.2	4099.9	3776.4	3418.6	3019.8	2582.0	2134.1	1711.1	1352.6	1069.6	834.3
-15°	4332.2	4037.0	3712.6	3353.8	2953.1	2518.7	2078.6	1668.3	1323.1	1048.0	819.4
-17.5°	4258.8	3963.6	3637.8	3278.0	2874.9	2444.3	2013.4	1617.9	1288.5	1022.6	802.0
-20°	4169.2	3875.2	3550.9	3191.4	2785.5	2359.3	1938.9	1560.2	1248.7	993.4	782.0

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REPORT NUMBER: P645426 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-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°	4067.9	3771.6	3445.3	3084.1	2683.3	2263.8	1855.1	1495.3	1204.1	960.6	759.5
-25°	3956.6	3657.7	3328.8	2963.2	2567.5	2161.4	1768.9	1423.5	1154.5	924.2	734.5
-27.5°	3826.5	3530.1	3202.0	2831.4	2441.1	2049.6	1681.5	1361.9	1103.4	884.3	707.1
-30°	3682.9	3382.5	3051.5	2687.4	2304.5	1928.6	1587.0	1296.1	1054.4	846.7	677.3
-32.5°	3526.0	3225.1	2886.7	2528.3	2161.4	1800.4	1485.5	1225.3	1001.7	809.9	651.1
-35°	3347.1	3043.5	2711.3	2359.3	2010.6	1681.5	1387.1	1149.8	945.4	770.6	625.0
-37.5°	3157.4	2845.5	2518.7	2183.4	1851.3	1555.8	1298.5	1078.0	885.7	728.9	597.3
-40°	2935.7	2634.2	2316.9	2002.0	1701.3	1423.5	1205.3	1007.7	832.2	684.8	568.1
-42.5°	2704.2	2408.6	2111.1	1812.5	1550.5	1315.7	1109.5	934.0	780.0	645.9	537.3
-45°	2454.7	2177.3	1899.3	1642.5	1399.6	1204.1	1024.5	859.3	725.3	609.0	506.7
-47.5°	2199.4	1943.0	1698.1	1466.8	1273.8	1093.4	936.2	796.0	668.8	570.6	477.2
-50°	1943.0	1716.8	1503.6	1316.0	1143.8	993.4	849.6	730.3	623.8	530.7	446.5
-52.5°	1698.1	1503.6	1330.1	1171.8	1028.0	890.4	775.0	664.3	577.4	492.9	414.7
-55°	1466.8	1316.0	1171.8	1039.6	913.4	802.0	698.2	611.0	529.5	455.4	381.7
-57.5°	1273.8	1143.8	1028.0	913.4	811.0	716.1	631.4	556.4	484.8	416.9	346.3
-60°	1093.4	993.4	890.4	802.0	716.1	638.2	569.9	502.6	440.4	376.9	310.0
-62.5°	936.2	849.6	775.0	698.2	631.4	569.9	508.5	452.2	395.0	334.5	272.8
-65°	796.0	730.3	664.3	611.0	556.4	502.6	452.2	400.9	346.8	291.2	235.8
-67.5°	668.8	623.8	577.4	529.5	484.8	440.4	395.0	346.8	297.3	247.1	200.7
-70°	570.6	530.7	492.9	455.4	416.9	376.9	334.5	291.2	247.1	206.2	164.9
-72.5°	477.2	446.5	414.7	381.7	346.3	310.0	272.8	235.8	200.7	164.9	128.6
-75°	389.2	361.9	333.3	303.8	273.5	242.6	213.6	184.0	153.8	123.1	100.4
-77.5°	296.6	273.7	249.9	227.2	204.2	180.6	156.4	131.7	110.4	92.8	74.9
-80°	207.2	190.5	173.3	155.4	137.0	118.4	105.1	91.5	77.6	63.5	49.2
-82.5°	122.1	112.6	103.7	94.5	85.0	75.3	65.3	55.1	44.7	34.0	28.8
-85°	62.5	56.8	50.9	44.7	38.4	32.0	29.5	27.0	24.5	21.9	19.2
-87.5°	21.6	20.6	19.5	18.4	17.2	16.0	14.8	13.5	12.2	10.9	9.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P645426 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-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°	8.3	6.9	5.6	4.2	2.8	1.4	0.0
85°	16.5	13.8	11.1	8.3	5.6	2.8	0.0
82.5°	24.8	20.7	16.6	12.5	8.3	4.2	0.0
80°	34.6	27.6	22.1	16.6	11.1	5.6	0.0
77.5°	56.8	38.4	27.6	20.7	13.8	6.9	0.0
75°	78.7	56.8	34.6	24.8	16.5	8.3	0.0
72.5°	100.4	74.9	49.2	28.8	19.2	9.6	0.0
70°	123.1	92.8	63.5	34.0	21.9	10.9	0.0
67.5°	153.8	110.4	77.6	44.7	24.5	12.2	0.0
65°	184.0	131.7	91.5	55.1	27.0	13.5	0.0
62.5°	213.6	156.4	105.1	65.3	29.5	14.8	0.0
60°	242.6	180.6	118.4	75.3	32.0	16.0	0.0
57.5°	273.5	204.2	137.0	85.0	38.4	17.2	0.0
55°	303.8	227.2	155.4	94.5	44.7	18.4	0.0
52.5°	333.3	249.9	173.3	103.7	50.9	19.5	0.0
50°	361.9	273.7	190.5	112.6	56.8	20.6	0.0
47.5°	389.2	296.6	207.2	122.1	62.5	21.6	0.0
45°	414.5	318.7	223.2	134.1	68.0	22.6	0.0
42.5°	438.8	339.8	238.6	145.6	73.3	23.6	0.0
40°	461.9	360.0	254.0	156.6	78.3	24.5	0.0
37.5°	483.9	379.2	269.3	167.0	83.0	25.4	0.0
35°	504.8	396.8	283.7	176.8	87.5	26.2	0.0
32.5°	525.2	413.1	297.4	186.1	91.8	27.0	0.0
30°	546.0	428.3	310.1	194.7	95.7	27.7	0.0
27.5°	565.3	442.4	321.9	202.7	99.4	28.4	0.0
25°	583.1	455.4	332.7	210.1	102.7	29.0	0.0
22.5°	599.3	467.2	342.6	216.8	105.8	29.6	0.0
20°	613.9	477.9	351.5	222.8	108.6	30.1	0.0
17.5°	626.9	487.3	359.4	228.2	111.0	30.5	0.0
15°	638.2	495.6	366.3	232.9	113.1	30.9	0.0
12.5°	647.8	502.6	372.1	236.8	115.0	31.2	0.0
10°	655.7	508.3	376.9	240.1	116.4	31.5	0.0
7.5°	661.9	512.8	380.7	242.6	117.6	31.7	0.0
5°	666.3	516.0	383.4	244.4	118.4	31.9	0.0
2.5°	668.9	518.0	385.0	245.5	118.9	32.0	0.0
0°	669.8	518.6	385.5	245.9	119.1	32.0	0.0
-2.5°	668.9	518.0	385.0	245.5	118.9	32.0	0.0
-5°	666.3	516.0	383.4	244.4	118.4	31.9	0.0
-7.5°	661.9	512.8	380.7	242.6	117.6	31.7	0.0
-10°	655.7	508.3	376.9	240.1	116.4	31.5	0.0
-12.5°	647.8	502.6	372.1	236.8	115.0	31.2	0.0
-15°	638.2	495.6	366.3	232.9	113.1	30.9	0.0
-17.5°	626.9	487.3	359.4	228.2	111.0	30.5	0.0
-20°	613.9	477.9	351.5	222.8	108.6	30.1	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	599.3	467.2	342.6	216.8	105.8	29.6	0.0
-25°	583.1	455.4	332.7	210.1	102.7	29.0	0.0
-27.5°	565.3	442.4	321.9	202.7	99.4	28.4	0.0
-30°	546.0	428.3	310.1	194.7	95.7	27.7	0.0
-32.5°	525.2	413.1	297.4	186.1	91.8	27.0	0.0
-35°	504.8	396.8	283.7	176.8	87.5	26.2	0.0
-37.5°	483.9	379.2	269.3	167.0	83.0	25.4	0.0
-40°	461.9	360.0	254.0	156.6	78.3	24.5	0.0
-42.5°	438.8	339.8	238.6	145.6	73.3	23.6	0.0
-45°	414.5	318.7	223.2	134.1	68.0	22.6	0.0
-47.5°	389.2	296.6	207.2	122.1	62.5	21.6	0.0
-50°	361.9	273.7	190.5	112.6	56.8	20.6	0.0
-52.5°	333.3	249.9	173.3	103.7	50.9	19.5	0.0
-55°	303.8	227.2	155.4	94.5	44.7	18.4	0.0
-57.5°	273.5	204.2	137.0	85.0	38.4	17.2	0.0
-60°	242.6	180.6	118.4	75.3	32.0	16.0	0.0
-62.5°	213.6	156.4	105.1	65.3	29.5	14.8	0.0
-65°	184.0	131.7	91.5	55.1	27.0	13.5	0.0
-67.5°	153.8	110.4	77.6	44.7	24.5	12.2	0.0
-70°	123.1	92.8	63.5	34.0	21.9	10.9	0.0
-72.5°	100.4	74.9	49.2	28.8	19.2	9.6	0.0
-75°	78.7	56.8	34.6	24.8	16.5	8.3	0.0
-77.5°	56.8	38.4	27.6	20.7	13.8	6.9	0.0
-80°	34.6	27.6	22.1	16.6	11.1	5.6	0.0
-82.5°	24.8	20.7	16.6	12.5	8.3	4.2	0.0
-85°	16.5	13.8	11.1	8.3	5.6	2.8	0.0
-87.5°	8.3	6.9	5.6	4.2	2.8	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)