

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: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-750-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6C-750-U-VWR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

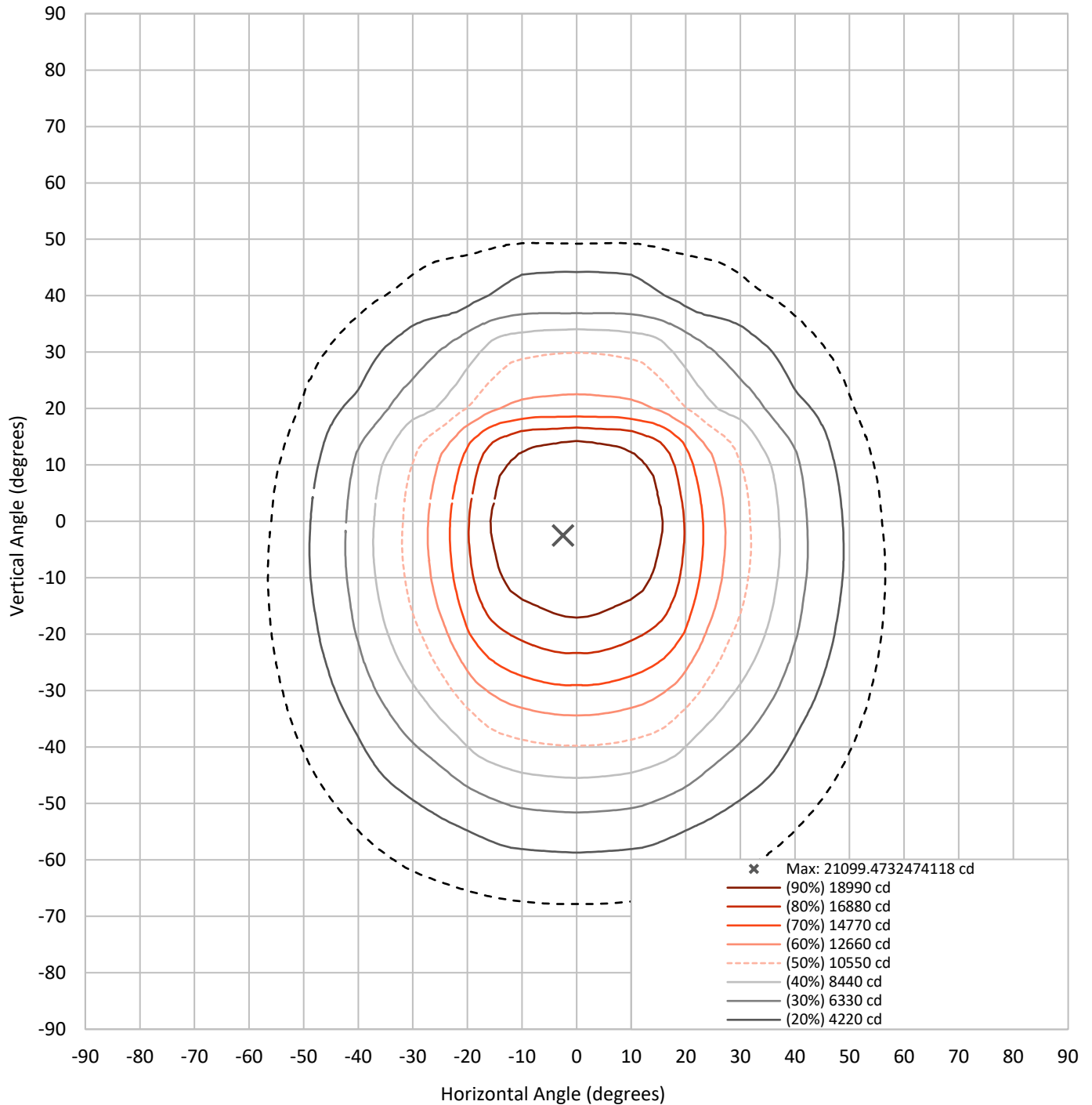
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	28158 lumens	Max Intensity:	21099.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	113.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	16291.3 lumens	Field Lumens:	26720.1 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	247.5		
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: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

### Iso-Candela Plot





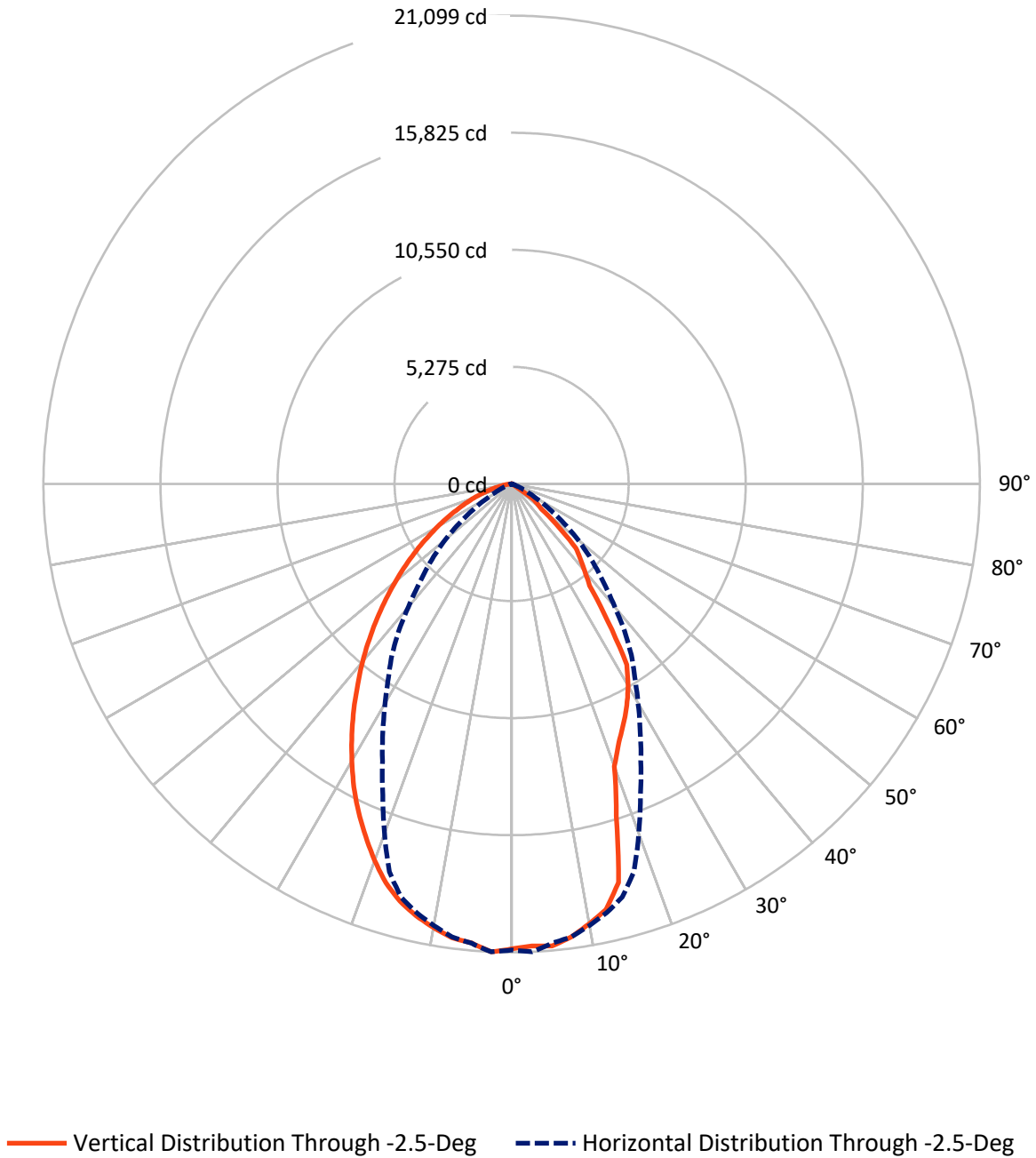
REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

### Lumen Table

90																			
80	0.1	0.2		0.2		0.3		0.4		0.3		0.2		0.2		0.1			
70																			
60	0.2	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.2	0.1	0.1	0.2			
50		0.3	0.5	2.6	7.7	14.8	21.9	27.3	27.3	21.9	14.8	7.7	2.6	0.5	0.3				
40	0.5	0.5	3.1	14.4	34.9	62.9	92.8	113.7	113.7	92.8	62.9	34.9	14.4	3.1	0.5	0.5			
30		1.4	10.5	36.6	81.6	132.3	198.4	231.9	231.9	198.4	132.3	81.6	36.6	10.5	1.4				
20	0.9	3.1	20.3	64.8	131.5	208.5	312.7	359.4	359.4	312.7	208.5	131.5	64.8	20.3	3.1	0.9			
10		5.4	31.1	95.9	189.4	311.7	464.1	532.3	532.3	464.1	311.7	189.4	95.9	31.1	5.4				
0	1.4	7.3	40.3	113.9	226.6	372.5	548.0	621.9	621.9	548.0	372.5	226.6	113.9	40.3	7.3	1.4			
-10		8.6	44.5	118.3	232.6	381.1	552.1	624.2	624.2	552.1	381.1	232.6	118.3	44.5	8.6				
-20	1.8	9.1	43.5	112.0	219.3	356.8	512.4	579.0	579.0	512.4	356.8	219.3	112.0	43.5	9.1	1.8			
-30		8.2	38.1	97.7	189.5	303.3	429.6	486.5	486.5	429.6	303.3	189.5	97.7	38.1	8.2				
-40	1.8	6.9	30.3	76.8	149.1	234.0	328.1	371.4	371.4	328.1	234.0	149.1	76.8	30.3	6.9	1.8			
-50		5.5	22.4	54.8	106.8	164.6	227.1	257.7	257.7	227.1	164.6	106.8	54.8	22.4	5.5				
-60	1.3	4.1	14.7	35.2	66.4	102.1	138.8	158.2	158.2	138.8	102.1	66.4	35.2	14.7	4.1	1.3			
-70		2.9	8.9	20.5	36.5	54.2	71.7	81.3	81.3	71.7	54.2	36.5	20.5	8.9	2.9				
-80	0.5	6.6		30.4		66.2		73.9		66.2		30.4		6.6		0.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

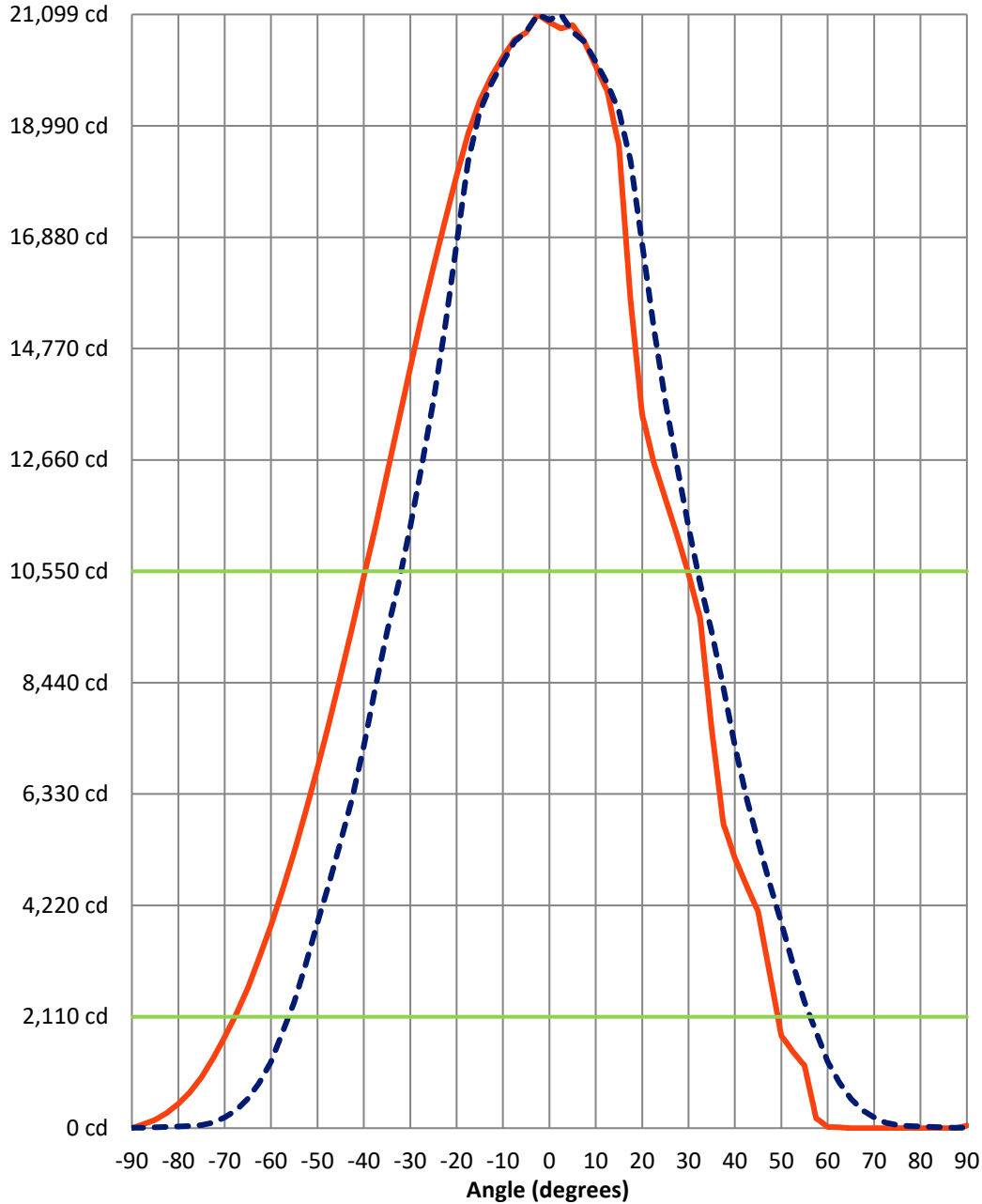
REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 16291.3  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 26720.1  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 1437.9  
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg  
 - - Horizontal Distribution through -2.5-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.9	7.9	7.9	9.9	11.9	13.8	15.8	17.8	19.7	21.7	23.6
87.5°	7.9	7.9	7.9	7.6	7.2	6.6	5.9	4.2	2.6	1.2	0.0
85°	7.9	7.9	7.9	7.4	6.5	5.4	3.8	2.4	1.3	0.5	0.0
82.5°	7.9	7.9	7.9	7.1	5.9	4.1	1.9	0.6	0.2	1.1	2.1
80°	7.9	7.9	7.9	6.9	5.3	2.9	0.4	1.6	2.9	4.1	5.4
77.5°	7.9	7.9	7.9	6.7	4.7	2.6	2.4	3.9	5.5	7.1	7.2
75°	7.9	7.9	7.9	6.5	4.3	3.9	4.4	6.2	7.8	6.4	4.2
72.5°	7.9	7.9	7.9	6.4	5.0	5.1	6.3	7.8	6.7	4.6	1.4
70°	7.9	7.9	7.9	6.3	5.7	6.3	7.9	7.5	5.8	3.0	3.6
67.5°	7.9	7.9	7.9	6.6	6.3	7.4	8.1	7.3	5.1	6.1	7.0
65°	7.9	7.9	7.9	6.9	6.9	8.2	8.4	7.2	7.9	9.2	9.7
62.5°	7.9	7.9	7.9	7.1	7.4	8.8	8.9	8.9	10.6	12.0	10.9
60°	7.9	7.9	7.9	7.3	7.9	9.5	9.4	11.3	13.3	13.8	12.3
57.5°	7.9	7.9	8.0	7.5	8.6	10.2	11.2	13.7	15.6	15.8	15.4
55°	7.9	7.9	8.1	7.6	9.4	11.1	13.2	16.0	18.0	18.3	19.2
52.5°	7.9	7.9	8.3	7.8	10.3	12.1	15.2	18.3	20.5	21.7	22.9
50°	7.9	7.9	8.4	7.9	11.2	13.7	17.1	20.5	23.3	25.0	26.6
47.5°	7.9	7.9	8.6	8.1	12.1	15.3	19.0	22.7	26.3	28.3	30.3
45°	7.9	7.9	8.9	8.8	13.0	16.8	20.8	24.8	29.0	31.6	33.9
42.5°	7.9	7.9	9.1	9.5	14.0	18.3	22.6	27.2	32.0	34.9	41.1
40°	7.9	7.9	9.4	10.5	15.1	19.7	24.4	29.9	35.1	38.2	49.1
37.5°	7.9	7.9	9.7	11.5	16.2	21.2	26.1	32.7	38.4	43.4	57.2
35°	7.9	7.9	10.0	12.6	17.3	22.5	27.7	35.6	41.9	53.3	72.8
32.5°	7.9	7.9	10.4	13.6	18.4	23.8	29.6	38.5	45.5	64.9	103.9
30°	7.9	7.9	10.8	14.5	19.4	25.1	31.9	41.5	49.2	78.2	134.2
27.5°	7.9	7.9	11.2	15.5	20.6	26.3	34.3	44.6	55.7	92.9	163.5
25°	7.9	7.9	11.6	16.4	21.8	27.5	36.6	47.7	67.1	114.5	192.2
22.5°	7.9	7.9	12.0	17.3	23.0	28.7	38.9	50.8	79.1	138.2	230.1
20°	7.9	7.9	12.5	18.2	24.1	30.1	41.2	53.8	91.6	160.7	267.7
17.5°	7.9	7.9	12.9	19.0	25.2	31.5	43.4	56.9	104.3	181.9	304.8
15°	7.9	7.9	13.4	19.7	26.3	32.8	45.6	60.9	117.0	201.8	340.8
12.5°	7.9	7.9	13.8	20.5	27.3	34.1	47.6	66.3	131.2	220.2	375.2
10°	7.9	7.9	14.2	21.2	28.2	35.3	49.5	72.1	146.2	241.6	409.8
7.5°	7.9	7.9	14.6	21.9	29.1	36.4	51.1	77.9	160.5	262.4	446.1
5°	7.9	7.9	15.1	22.5	30.0	37.5	52.6	83.7	173.9	281.7	479.6
2.5°	7.9	7.9	15.4	23.1	30.8	38.5	54.0	89.3	186.1	299.4	509.6
0°	7.9	7.9	15.8	23.6	31.5	39.4	55.1	94.5	196.9	315.1	535.6
-2.5°	7.9	7.9	15.8	23.6	31.5	39.4	55.1	94.5	196.9	315.1	535.6
-5°	7.9	7.9	15.7	23.5	32.7	41.0	61.0	112.9	211.0	361.8	578.3
-7.5°	7.9	7.9	15.7	23.4	33.2	41.7	63.4	120.6	215.9	379.5	593.3
-10°	7.9	7.9	15.6	23.2	33.6	42.3	65.5	127.0	219.6	392.4	604.3
-12.5°	7.9	7.9	15.4	23.0	33.9	42.8	67.0	131.7	222.1	399.2	612.9
-15°	7.9	7.9	15.3	22.8	34.0	43.2	68.0	134.6	226.7	398.4	616.1
-17.5°	7.9	7.9	15.1	22.5	33.9	43.6	68.3	137.5	233.5	394.4	612.2
-20°	7.9	7.9	14.8	22.2	33.7	43.8	70.1	140.3	237.9	387.2	600.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.9	7.9	14.6	21.8	33.3	44.0	74.6	141.6	239.8	376.8	581.9
-25°	7.9	7.9	14.3	21.4	32.7	46.9	78.3	141.1	239.1	363.5	554.6
-27.5°	7.9	7.9	14.0	20.9	31.9	50.6	81.2	139.0	235.8	352.1	534.7
-30°	7.9	7.9	13.7	20.5	31.1	53.7	83.1	135.2	231.4	347.0	512.3
-32.5°	7.9	7.9	13.3	19.9	32.3	56.3	84.2	135.4	225.7	338.3	487.1
-35°	7.9	7.9	12.9	19.4	33.1	58.4	86.4	136.1	217.9	326.1	459.0
-37.5°	7.9	7.9	12.5	18.7	33.6	59.6	88.7	135.6	207.8	310.3	446.5
-40°	7.9	7.9	12.1	18.1	33.9	60.1	90.1	133.8	195.6	295.1	432.5
-42.5°	7.9	7.9	11.6	17.7	34.1	60.1	90.6	130.7	188.6	282.9	411.0
-45°	7.9	7.9	11.2	17.8	34.3	59.7	90.1	127.9	183.5	267.9	384.1
-47.5°	7.9	7.9	10.7	17.7	34.1	58.8	88.8	126.0	176.9	249.8	362.9
-50°	7.9	7.9	10.1	17.5	33.5	57.4	86.9	122.9	171.6	243.3	337.6
-52.5°	7.9	7.9	9.6	17.2	32.5	55.6	84.5	118.6	167.2	234.7	310.4
-55°	7.9	7.9	9.1	16.7	31.1	53.3	81.5	113.2	161.7	224.0	297.4
-57.5°	7.9	7.9	8.5	16.1	29.3	50.5	77.8	108.4	154.1	212.8	282.1
-60°	7.9	7.9	7.9	15.4	27.3	47.0	73.5	103.1	144.5	199.5	264.4
-62.5°	7.9	7.9	7.9	14.5	25.8	43.1	67.6	96.1	132.5	183.8	243.8
-65°	7.9	7.9	7.9	13.6	24.1	38.6	61.0	87.0	118.0	163.1	220.5
-67.5°	7.9	7.9	7.9	12.5	22.2	34.7	53.7	76.4	101.2	138.9	189.4
-70°	7.9	7.9	7.9	11.4	20.2	31.5	45.7	65.1	86.7	112.0	153.1
-72.5°	7.9	7.9	7.9	11.1	18.0	28.1	40.3	53.3	71.5	92.9	117.1
-75°	7.9	7.9	7.9	11.0	15.7	24.5	35.1	44.9	55.7	73.2	93.2
-77.5°	7.9	7.9	7.9	10.9	14.9	20.7	29.7	37.8	46.2	55.4	68.3
-80°	7.9	7.9	7.9	10.8	14.3	18.6	24.0	30.4	37.2	44.6	52.6
-82.5°	7.9	7.9	7.9	10.6	13.8	17.5	21.7	24.7	28.1	33.7	39.7
-85°	7.9	7.9	7.9	10.4	13.2	16.3	19.8	22.4	25.0	27.6	30.2
-87.5°	7.9	7.9	7.9	10.1	12.5	15.1	17.8	20.1	22.4	24.6	26.9
-90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	5.9	3.9	2.0	0.0





REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	25.6	27.6	29.5
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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.3	2.0	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.2	4.2	2.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	4.5	2.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.7	0.1	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.3	2.2	2.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	4.5	4.8	3.2	1.3	0.0	0.4	1.2	0.8	0.0	0.4	1.0
67.5°	7.4	5.5	3.6	2.2	3.0	4.0	3.7	4.0	4.3	4.7	4.0
65°	7.7	5.8	5.9	6.9	7.8	8.5	9.2	9.8	8.2	7.1	7.3
62.5°	8.2	8.9	10.3	11.5	12.7	13.7	13.8	12.3	9.3	11.7	13.4
60°	11.7	12.9	14.6	16.1	17.7	18.5	17.7	17.9	19.9	23.0	44.3
57.5°	15.8	16.9	18.8	21.3	23.5	23.8	24.5	26.6	62.4	101.9	112.6
55°	19.9	20.8	24.1	28.0	30.3	30.1	43.2	91.1	137.5	190.4	209.9
52.5°	24.0	25.6	31.3	36.0	39.0	60.7	109.4	174.4	242.9	303.7	382.3
50°	28.0	33.7	39.6	46.5	74.1	130.8	202.1	290.8	393.9	491.1	590.6
47.5°	35.0	42.2	51.1	73.3	146.1	224.9	323.4	466.1	593.4	710.9	847.3
45°	43.3	58.2	68.1	145.1	229.7	331.3	498.1	672.6	788.1	945.4	1186.9
42.5°	51.9	80.6	130.1	219.2	322.3	486.2	693.0	841.7	995.3	1250.4	1504.3
40°	74.7	108.0	196.3	302.2	432.9	671.9	884.1	1052.4	1262.3	1545.1	1810.2
37.5°	102.3	164.9	263.8	390.9	606.4	868.4	1095.7	1336.1	1577.3	1844.0	2335.7
35°	133.0	217.7	349.4	520.8	780.1	1086.2	1357.3	1625.9	1903.9	2429.0	2916.9
32.5°	173.0	266.3	438.8	671.8	967.8	1303.8	1618.5	1929.0	2374.8	2969.1	3458.7
30°	216.1	344.4	541.7	811.6	1144.5	1503.1	1881.4	2257.4	2847.4	3339.2	3870.7
27.5°	261.2	426.9	662.4	957.7	1310.0	1691.1	2118.1	2654.5	3180.8	3666.6	4250.8
25°	307.5	512.8	772.7	1097.4	1472.7	1894.4	2385.4	3038.8	3450.5	3987.5	4596.8
22.5°	367.0	595.0	882.0	1224.0	1623.6	2103.2	2729.5	3385.6	3870.1	4321.7	4917.0
20°	435.8	687.6	1000.9	1382.6	1771.4	2307.2	3071.6	3761.6	4331.6	4848.7	5395.4
17.5°	500.0	774.1	1128.1	1544.6	1986.4	2568.7	3407.3	4171.0	4798.1	5374.4	6057.0
15°	559.5	854.2	1252.7	1697.8	2197.9	2868.2	3708.3	4547.0	5263.1	5911.5	6687.2
12.5°	613.8	927.3	1372.6	1841.2	2396.9	3126.4	3961.1	4779.6	5566.8	6411.7	7292.0
10°	662.7	993.1	1485.9	1973.7	2581.5	3344.8	4169.9	4973.7	5767.8	6662.0	7640.0
7.5°	715.3	1054.6	1588.8	2094.1	2749.4	3525.2	4336.8	5129.4	5930.3	6862.2	7866.2
5°	763.9	1111.1	1670.6	2180.3	2879.2	3666.0	4462.3	5247.6	6053.6	7011.3	8037.5
2.5°	806.6	1158.6	1737.1	2248.0	2975.4	3769.5	4543.8	5346.2	6145.1	7132.5	8168.3
0°	842.8	1197.2	1787.9	2299.9	3048.1	3843.6	4591.9	5411.0	6198.6	7214.7	8254.3
-2.5°	866.0	1260.4	1822.8	2390.5	3111.6	3892.2	4634.8	5429.2	6256.2	7240.7	8350.9
-5°	882.2	1311.6	1843.8	2460.3	3153.2	3913.6	4649.0	5415.1	6271.6	7234.1	8365.2
-7.5°	891.7	1347.8	1853.7	2500.0	3167.8	3900.7	4625.0	5388.4	6246.5	7209.4	8302.6
-10°	897.2	1359.1	1867.0	2488.0	3148.6	3858.5	4571.8	5325.9	6175.0	7128.8	8183.8
-12.5°	912.0	1351.9	1864.7	2461.5	3107.2	3794.7	4492.8	5226.8	6055.9	6991.4	8019.5
-15°	915.7	1335.6	1842.3	2422.6	3043.9	3711.3	4389.3	5091.0	5909.2	6857.5	7837.8
-17.5°	907.4	1311.2	1798.7	2372.8	2959.1	3610.1	4267.5	4968.6	5771.5	6703.2	7647.0
-20°	886.3	1279.4	1732.8	2314.1	2858.5	3497.7	4145.6	4840.3	5613.1	6488.9	7433.5



REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	851.8	1241.0	1661.5	2232.1	2771.6	3368.7	4002.6	4665.4	5414.7	6211.1	7146.5
-25°	816.1	1197.7	1605.3	2119.4	2667.0	3218.0	3838.3	4451.7	5181.7	5963.8	6793.9
-27.5°	782.3	1137.1	1546.9	1996.0	2544.0	3057.1	3652.5	4250.8	4919.6	5686.1	6450.4
-30°	738.1	1071.6	1475.6	1877.3	2396.8	2905.5	3445.3	4034.1	4635.6	5363.0	6115.0
-32.5°	699.0	1003.7	1394.4	1786.9	2238.6	2734.8	3222.0	3783.2	4370.2	4990.3	5733.3
-35°	673.0	963.5	1308.4	1682.5	2077.2	2549.1	3012.5	3500.1	4068.6	4650.5	5302.9
-37.5°	651.8	917.3	1217.8	1573.7	1949.4	2354.3	2788.2	3236.8	3732.8	4319.6	4933.0
-40°	618.6	865.3	1150.7	1469.9	1801.5	2169.7	2572.4	2978.5	3408.4	3981.6	4586.9
-42.5°	575.9	814.9	1087.5	1357.0	1659.9	1996.1	2354.0	2736.4	3149.7	3647.6	4203.9
-45°	543.2	750.5	1017.2	1258.6	1509.3	1816.8	2152.9	2499.3	2889.1	3316.5	3816.2
-47.5°	501.5	680.5	925.2	1150.9	1371.7	1634.2	1941.6	2269.5	2614.7	2999.9	3409.4
-50°	457.0	622.1	812.7	1032.4	1243.0	1461.3	1723.5	2026.7	2339.9	2675.6	3041.0
-52.5°	423.2	553.7	727.8	910.6	1111.4	1309.4	1532.6	1792.6	2072.3	2352.9	2674.3
-55°	384.9	503.5	646.9	810.8	981.7	1164.9	1368.2	1596.0	1824.0	2081.7	2338.2
-57.5°	358.0	455.0	579.4	721.8	875.3	1031.0	1222.9	1415.4	1626.5	1839.8	2052.6
-60°	336.9	413.2	516.3	641.8	778.6	924.2	1081.7	1259.5	1441.2	1615.3	1799.2
-62.5°	312.9	379.2	459.9	562.2	685.8	812.4	951.1	1103.5	1267.9	1414.5	1557.1
-65°	281.7	339.4	408.6	491.9	589.0	696.0	814.1	942.6	1084.7	1203.7	1320.2
-67.5°	246.0	294.5	352.6	420.6	501.6	585.1	671.8	780.4	895.8	992.9	1087.8
-70°	201.0	246.0	293.4	348.8	412.3	483.2	559.5	638.3	717.3	796.5	883.3
-72.5°	153.9	194.8	235.0	274.5	325.1	383.1	445.4	511.5	580.5	648.2	714.2
-75°	117.3	143.8	179.0	214.6	249.8	287.5	329.7	382.3	446.3	512.1	572.3
-77.5°	88.6	110.8	134.3	158.8	181.0	208.8	239.2	271.9	324.8	385.5	446.8
-80°	63.9	77.2	95.9	115.6	131.2	146.6	162.5	179.1	218.4	267.3	319.5
-82.5°	47.4	56.5	66.9	78.4	86.2	93.9	102.4	113.3	142.5	175.5	210.4
-85°	32.6	35.4	41.0	47.3	51.7	56.2	60.7	65.4	81.1	98.8	117.7
-87.5°	28.2	29.5	31.0	32.6	33.2	33.8	34.3	34.8	40.1	45.6	51.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	31.5	33.5	35.5	37.4	39.4	41.4	43.4	45.3	47.3	47.3	47.3
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°	0.7	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3.6	4.0	4.1	3.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	8.3	8.0	5.9	3.8	1.9	3.0	4.8	5.7	5.8	5.2	4.0
62.5°	12.5	11.5	10.4	12.0	14.4	16.6	15.9	15.1	14.0	13.4	13.8
60°	46.6	31.1	35.9	45.1	42.1	28.8	47.4	53.7	45.8	31.3	30.3
57.5°	118.1	114.0	130.5	190.7	209.9	191.3	228.5	277.5	276.0	237.7	236.4
55°	251.5	337.5	441.2	458.0	530.2	674.9	787.6	738.2	737.9	775.0	894.7
52.5°	477.8	558.9	589.1	669.7	820.6	930.1	1000.5	1073.4	1153.2	1234.6	1317.2
50°	701.2	779.9	869.3	951.8	1160.7	1273.2	1254.4	1405.3	1598.4	1719.0	1781.0
47.5°	1028.4	1152.5	1341.5	1637.6	1793.5	1906.2	2046.4	2217.3	2438.5	2738.6	2969.8
45°	1413.8	1609.0	1901.4	2215.9	2457.8	2568.1	2728.5	2993.2	3346.0	3689.5	3940.3
42.5°	1728.8	1996.6	2326.4	2626.9	2824.2	3005.3	3213.0	3436.1	3840.2	4207.2	4497.1
40°	2139.9	2348.4	2718.4	3001.7	3178.4	3357.9	3687.0	4021.1	4401.1	4742.9	4980.4
37.5°	2660.9	2895.6	3280.5	3600.9	3771.0	3834.4	4394.1	4859.2	5168.0	5604.3	5747.0
35°	3220.6	3606.9	4097.4	4512.8	4679.6	5012.4	5589.0	6237.9	6941.0	7199.6	7420.1
32.5°	3845.0	4321.7	4987.1	5432.9	5670.9	6176.1	6905.7	7598.4	8517.8	9016.7	9165.9
30°	4416.3	4963.2	5535.2	5968.5	6375.4	6983.8	7649.2	8503.3	9353.4	9991.4	10189.5
27.5°	4835.5	5440.7	5990.6	6396.4	6855.5	7511.4	8341.1	9206.0	10040.5	10691.4	10922.6
25°	5235.7	5919.7	6355.1	6826.9	7366.0	8080.9	9000.3	9961.3	10783.3	11333.4	11617.0
22.5°	5690.9	6365.4	6832.7	7232.4	7937.2	8761.0	9614.4	10700.3	11571.1	12010.1	12317.6
20°	6160.7	6923.9	7645.7	8017.5	8627.4	9670.3	10625.7	11650.9	12491.8	12949.2	13273.1
17.5°	6816.2	7788.7	8674.1	9200.5	9853.7	11100.7	12292.8	13329.9	14499.7	14912.8	15308.7
15°	7507.3	8632.9	9670.2	10504.2	11347.8	12583.4	14118.0	15369.5	16704.2	17300.4	17974.2
12.5°	8196.3	9261.5	10201.2	11277.1	12466.0	13559.1	15020.1	16578.4	17789.7	18549.9	19003.6
10°	8711.3	9700.6	10604.9	11683.3	12870.1	14106.5	15558.3	17155.8	18423.7	19072.4	19442.7
7.5°	8989.4	9936.2	10890.1	11982.9	13164.4	14481.2	15977.0	17561.8	18858.3	19486.8	19852.5
5°	9195.8	10105.2	11092.9	12243.2	13437.9	14773.0	16266.8	17832.7	19014.9	19682.9	20145.2
2.5°	9320.8	10212.3	11222.1	12411.5	13609.1	14999.7	16565.6	18188.8	19223.2	19760.5	20185.8
0°	9357.0	10254.9	11294.6	12499.7	13728.4	15130.3	16682.0	18288.7	19336.3	19856.1	20289.3
-2.5°	9397.8	10322.3	11390.4	12556.8	13775.1	15173.1	16756.9	18322.6	19264.9	19789.4	20201.5
-5°	9369.4	10327.5	11392.4	12509.5	13735.9	15122.7	16643.2	18107.0	19092.8	19659.9	20069.7
-7.5°	9284.6	10256.3	11310.3	12383.9	13586.8	14989.4	16503.5	17913.1	18911.7	19509.8	19958.1
-10°	9161.2	10104.6	11165.9	12253.2	13441.7	14776.8	16267.6	17668.8	18624.5	19259.5	19782.1
-12.5°	9024.5	9948.4	10971.2	12014.1	13189.6	14508.2	15952.6	17279.1	18229.2	18921.8	19295.2
-15°	8821.9	9745.2	10723.1	11731.8	12877.6	14156.9	15536.6	16809.2	17742.2	18305.8	18718.5
-17.5°	8564.2	9470.2	10397.2	11354.0	12433.4	13693.2	15081.4	16336.5	17097.0	17600.4	18006.0
-20°	8288.1	9125.9	10004.2	10907.1	11953.3	13201.3	14564.6	15659.4	16376.2	16859.8	17242.8



REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7972.8	8779.6	9583.6	10446.7	11472.6	12616.7	13820.9	14878.8	15649.5	16090.0	16444.0
-25°	7612.9	8397.7	9161.2	9994.9	10937.6	11966.1	13085.8	14125.4	14815.7	15283.6	15634.6
-27.5°	7225.3	7962.6	8708.4	9457.1	10304.7	11329.4	12366.3	13332.1	13921.3	14392.9	14746.0
-30°	6838.5	7501.6	8191.7	8900.3	9695.9	10619.8	11589.7	12401.9	13023.2	13481.5	13809.3
-32.5°	6419.2	7048.5	7659.8	8322.2	9071.2	9885.5	10736.7	11509.2	12173.2	12592.9	12869.1
-35°	5989.7	6599.0	7158.5	7759.7	8420.4	9123.1	9908.8	10670.7	11326.4	11658.5	11927.7
-37.5°	5542.4	6149.9	6680.4	7182.6	7751.8	8402.6	9167.8	9894.8	10461.2	10746.7	10989.4
-40°	5153.5	5688.3	6165.8	6646.4	7109.1	7687.0	8401.2	9105.0	9559.5	9837.7	10063.1
-42.5°	4775.9	5227.0	5618.0	6048.9	6512.0	7081.7	7658.0	8248.1	8613.4	8922.2	9159.6
-45°	4336.2	4739.4	5106.1	5464.4	5886.7	6406.8	6930.3	7403.1	7745.2	8043.6	8274.8
-47.5°	3849.8	4239.1	4595.2	4915.5	5308.1	5741.9	6182.6	6576.0	6913.9	7208.8	7415.1
-50°	3396.5	3744.3	4092.0	4416.2	4756.3	5107.3	5464.9	5810.1	6130.8	6417.4	6592.9
-52.5°	2990.5	3311.4	3615.2	3898.6	4196.3	4492.8	4788.9	5105.1	5400.3	5671.5	5811.7
-55°	2623.1	2912.5	3186.7	3425.4	3664.2	3899.4	4153.2	4445.1	4716.9	4968.1	5068.7
-57.5°	2293.3	2540.9	2783.5	2985.5	3180.4	3367.5	3590.3	3836.7	4074.6	4289.9	4372.2
-60°	1989.9	2186.4	2389.3	2568.5	2738.4	2898.8	3093.1	3291.5	3484.4	3646.7	3716.9
-62.5°	1710.8	1879.0	2032.7	2178.3	2322.2	2466.6	2623.4	2780.9	2936.7	3061.7	3125.1
-65°	1441.9	1575.7	1699.2	1818.9	1935.1	2056.4	2179.2	2298.8	2414.2	2503.5	2558.4
-67.5°	1189.3	1291.0	1389.0	1482.3	1579.6	1677.9	1773.9	1865.6	1952.2	2021.3	2073.7
-70°	965.4	1044.2	1120.9	1198.1	1279.3	1355.7	1428.0	1496.6	1561.1	1610.9	1651.3
-72.5°	778.2	842.0	908.3	977.9	1043.5	1100.6	1152.6	1202.7	1250.7	1278.8	1299.8
-75°	627.4	681.1	738.8	795.1	849.9	893.3	931.5	968.4	1003.9	1005.8	998.7
-77.5°	506.9	554.9	599.5	643.7	687.5	714.2	737.6	761.7	786.0	771.9	749.7
-80°	372.0	412.0	449.9	488.0	526.0	541.8	552.9	562.5	570.6	552.2	529.5
-82.5°	246.9	272.1	296.7	321.8	347.2	357.3	364.9	371.1	376.1	359.4	340.3
-85°	137.8	149.9	161.8	173.8	185.8	193.0	199.4	205.4	210.8	200.9	189.7
-87.5°	57.2	60.0	62.7	65.3	67.9	70.5	72.9	75.4	77.7	78.1	78.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	45.3
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°	2.3	0.4	0.0	0.0	0.0	0.4	2.3	4.0	5.2	5.8	5.7
62.5°	14.5	15.1	15.6	15.8	15.6	15.1	14.5	13.8	13.4	14.0	15.1
60°	27.8	24.4	23.5	23.6	23.5	24.4	27.8	30.3	31.3	45.8	53.7
57.5°	218.4	186.9	191.7	212.7	191.7	186.9	218.4	236.4	237.7	276.0	277.5
55°	1020.4	1139.0	1180.9	1157.8	1180.9	1139.0	1020.4	894.7	775.0	737.9	738.2
52.5°	1382.4	1431.1	1449.9	1449.2	1449.9	1431.1	1382.4	1317.2	1234.6	1153.2	1073.4
50°	1799.7	1783.3	1757.9	1732.8	1757.9	1783.3	1799.7	1781.0	1719.0	1598.4	1405.3
47.5°	3003.6	2951.6	2929.6	2969.4	2929.6	2951.6	3003.6	2969.8	2738.6	2438.5	2217.3
45°	3991.4	4052.4	4097.9	4095.7	4097.9	4052.4	3991.4	3940.3	3689.5	3346.0	2993.2
42.5°	4553.9	4586.4	4595.8	4584.0	4595.8	4586.4	4553.9	4497.1	4207.2	3840.2	3436.1
40°	5055.1	5093.9	5115.7	5135.3	5115.7	5093.9	5055.1	4980.4	4742.9	4401.1	4021.1
37.5°	5794.1	5808.3	5777.4	5757.6	5777.4	5808.3	5794.1	5747.0	5604.3	5168.0	4859.2
35°	7605.9	7643.0	7557.1	7647.9	7557.1	7643.0	7605.9	7420.1	7199.6	6941.0	6237.9
32.5°	9343.5	9517.4	9658.1	9774.5	9658.1	9517.4	9343.5	9165.9	9016.7	8517.8	7598.4
30°	10327.8	10440.0	10500.3	10514.8	10500.3	10440.0	10327.8	10189.5	9991.4	9353.4	8503.3
27.5°	11050.5	11168.1	11241.3	11294.6	11241.3	11168.1	11050.5	10922.6	10691.4	10040.5	9206.0
25°	11747.0	11854.6	11927.7	11956.2	11927.7	11854.6	11747.0	11617.0	11333.4	10783.3	9961.3
22.5°	12469.8	12544.5	12614.7	12649.3	12614.7	12544.5	12469.8	12317.6	12010.1	11571.1	10700.3
20°	13505.8	13465.2	13529.3	13507.8	13529.3	13465.2	13505.8	13273.1	12949.2	12491.8	11650.9
17.5°	15617.3	15639.2	15682.1	15752.6	15682.1	15639.2	15617.3	15308.7	14912.8	14499.7	13329.9
15°	18272.8	18326.3	18597.9	18840.1	18597.9	18326.3	18272.8	17974.2	17300.4	16704.2	15369.5
12.5°	19424.6	19609.5	19638.2	19706.5	19638.2	19609.5	19424.6	19003.6	18549.9	17789.7	16578.4
10°	19809.0	20129.2	20122.3	20202.7	20122.3	20129.2	19809.0	19442.7	19072.4	18423.7	17155.8
7.5°	20100.6	20444.4	20589.8	20651.6	20589.8	20444.4	20100.6	19852.5	19486.8	18858.3	17561.8
5°	20456.7	20645.8	20896.6	20824.9	20896.6	20645.8	20456.7	20145.2	19682.9	19014.9	17832.7
2.5°	20606.0	20902.2	20833.8	20903.7	20833.8	20902.2	20606.0	20185.8	19760.5	19223.2	18188.8
0°	20706.7	20919.4	20950.9	21021.8	20950.9	20919.4	20706.7	20289.3	19856.1	19336.3	18288.7
-2.5°	20584.6	20771.8	21099.5	20998.2	21099.5	20771.8	20584.6	20201.5	19789.4	19264.9	18322.6
-5°	20477.6	20938.1	20759.3	20982.4	20759.3	20938.1	20477.6	20069.7	19659.9	19092.8	18107.0
-7.5°	20422.3	20504.6	20623.3	20793.4	20623.3	20504.6	20422.3	19958.1	19509.8	18911.7	17913.1
-10°	19994.7	20079.0	20297.2	20415.3	20297.2	20079.0	19994.7	19782.1	19259.5	18624.5	17668.8
-12.5°	19531.1	19694.2	19923.3	19997.9	19923.3	19694.2	19531.1	19295.2	18921.8	18229.2	17279.1
-15°	18997.0	19239.3	19462.7	19509.6	19462.7	19239.3	18997.0	18718.5	18305.8	17742.2	16809.2
-17.5°	18317.9	18608.4	18843.1	18895.2	18843.1	18608.4	18317.9	18006.0	17600.4	17097.0	16336.5
-20°	17569.5	17847.9	18047.5	18107.6	18047.5	17847.9	17569.5	17242.8	16859.8	16376.2	15659.4



REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16768.4	17018.9	17187.7	17162.4	17187.7	17018.9	16768.4	16444.0	16090.0	15649.5	14878.8
-25°	15917.7	16150.3	16311.0	16288.2	16311.0	16150.3	15917.7	15634.6	15283.6	14815.7	14125.4
-27.5°	15018.5	15238.7	15393.2	15398.1	15393.2	15238.7	15018.5	14746.0	14392.9	13921.3	13332.1
-30°	14073.5	14273.6	14399.0	14350.6	14399.0	14273.6	14073.5	13809.3	13481.5	13023.2	12401.9
-32.5°	13098.9	13279.9	13394.9	13429.1	13394.9	13279.9	13098.9	12869.1	12592.9	12173.2	11509.2
-35°	12137.5	12297.1	12396.4	12420.9	12396.4	12297.1	12137.5	11927.7	11658.5	11326.4	10670.7
-37.5°	11182.4	11319.7	11389.0	11357.6	11389.0	11319.7	11182.4	10989.4	10746.7	10461.2	9894.8
-40°	10238.5	10369.2	10448.7	10467.6	10448.7	10369.2	10238.5	10063.1	9837.7	9559.5	9105.0
-42.5°	9310.5	9419.2	9488.9	9522.4	9488.9	9419.2	9310.5	9159.6	8922.2	8613.4	8248.1
-45°	8409.8	8507.0	8572.4	8608.8	8572.4	8507.0	8409.8	8274.8	8043.6	7745.2	7403.1
-47.5°	7533.6	7618.8	7675.3	7703.0	7675.3	7618.8	7533.6	7415.1	7208.8	6913.9	6576.0
-50°	6695.6	6769.4	6822.0	6852.4	6822.0	6769.4	6695.6	6592.9	6417.4	6130.8	5810.1
-52.5°	5901.0	5965.4	6010.3	6033.2	6010.3	5965.4	5901.0	5811.7	5671.5	5400.3	5105.1
-55°	5142.1	5194.4	5235.9	5261.4	5235.9	5194.4	5142.1	5068.7	4968.1	4716.9	4445.1
-57.5°	4434.6	4477.3	4516.6	4544.6	4516.6	4477.3	4434.6	4372.2	4289.9	4074.6	3836.7
-60°	3772.2	3812.5	3846.0	3867.3	3846.0	3812.5	3772.2	3716.9	3646.7	3484.4	3291.5
-62.5°	3174.5	3210.2	3240.8	3260.8	3240.8	3210.2	3174.5	3125.1	3061.7	2936.7	2780.9
-65°	2601.5	2633.5	2656.4	2670.1	2656.4	2633.5	2601.5	2558.4	2503.5	2414.2	2298.8
-67.5°	2118.5	2155.4	2162.7	2158.1	2162.7	2155.4	2118.5	2073.7	2021.3	1952.2	1865.6
-70°	1687.4	1718.6	1725.9	1724.9	1725.9	1718.6	1687.4	1651.3	1610.9	1561.1	1496.6
-72.5°	1319.3	1336.3	1321.9	1299.6	1321.9	1336.3	1319.3	1299.8	1278.8	1250.7	1202.7
-75°	990.0	979.1	963.9	945.2	963.9	979.1	990.0	998.7	1005.8	1003.9	968.4
-77.5°	725.1	698.3	680.7	661.6	680.7	698.3	725.1	749.7	771.9	786.0	761.7
-80°	504.9	478.6	460.4	441.1	460.4	478.6	504.9	529.5	552.2	570.6	562.5
-82.5°	319.8	298.2	287.2	275.7	287.2	298.2	319.8	340.3	359.4	376.1	371.1
-85°	177.6	164.8	157.4	149.6	157.4	164.8	177.6	189.7	200.9	210.8	205.4
-87.5°	78.5	78.7	74.8	70.9	74.8	78.7	78.5	78.3	78.1	77.7	75.4
-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: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	43.4	41.4	39.4	37.4	35.5	33.5	31.5	29.5	27.6	25.6	23.6
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	0.2	0.2	0.0	0.0	0.7	1.0	0.4	0.0	0.8
67.5°	0.0	0.0	1.4	3.3	4.1	4.0	3.6	4.0	4.7	4.3	4.0
65°	4.8	3.0	1.9	3.8	5.9	8.0	8.3	7.3	7.1	8.2	9.8
62.5°	15.9	16.6	14.4	12.0	10.4	11.5	12.5	13.4	11.7	9.3	12.3
60°	47.4	28.8	42.1	45.1	35.9	31.1	46.6	44.3	23.0	19.9	17.9
57.5°	228.5	191.3	209.9	190.7	130.5	114.0	118.1	112.6	101.9	62.4	26.6
55°	787.6	674.9	530.2	458.0	441.2	337.5	251.5	209.9	190.4	137.5	91.1
52.5°	1000.5	930.1	820.6	669.7	589.1	558.9	477.8	382.3	303.7	242.9	174.4
50°	1254.4	1273.2	1160.7	951.8	869.3	779.9	701.2	590.6	491.1	393.9	290.8
47.5°	2046.4	1906.2	1793.5	1637.6	1341.5	1152.5	1028.4	847.3	710.9	593.4	466.1
45°	2728.5	2568.1	2457.8	2215.9	1901.4	1609.0	1413.8	1186.9	945.4	788.1	672.6
42.5°	3213.0	3005.3	2824.2	2626.9	2326.4	1996.6	1728.8	1504.3	1250.4	995.3	841.7
40°	3687.0	3357.9	3178.4	3001.7	2718.4	2348.4	2139.9	1810.2	1545.1	1262.3	1052.4
37.5°	4394.1	3834.4	3771.0	3600.9	3280.5	2895.6	2660.9	2335.7	1844.0	1577.3	1336.1
35°	5589.0	5012.4	4679.6	4512.8	4097.4	3606.9	3220.6	2916.9	2429.0	1903.9	1625.9
32.5°	6905.7	6176.1	5670.9	5432.9	4987.1	4321.7	3845.0	3458.7	2969.1	2374.8	1929.0
30°	7649.2	6983.8	6375.4	5968.5	5535.2	4963.2	4416.3	3870.7	3339.2	2847.4	2257.4
27.5°	8341.1	7511.4	6855.5	6396.4	5990.6	5440.7	4835.5	4250.8	3666.6	3180.8	2654.5
25°	9000.3	8080.9	7366.0	6826.9	6355.1	5919.7	5235.7	4596.8	3987.5	3450.5	3038.8
22.5°	9614.4	8761.0	7937.2	7232.4	6832.7	6365.4	5690.9	4917.0	4321.7	3870.1	3385.6
20°	10625.7	9670.3	8627.4	8017.5	7645.7	6923.9	6160.7	5395.4	4848.7	4331.6	3761.6
17.5°	12292.8	11100.7	9853.7	9200.5	8674.1	7788.7	6816.2	6057.0	5374.4	4798.1	4171.0
15°	14118.0	12583.4	11347.8	10504.2	9670.2	8632.9	7507.3	6687.2	5911.5	5263.1	4547.0
12.5°	15020.1	13559.1	12466.0	11277.1	10201.2	9261.5	8196.3	7292.0	6411.7	5566.8	4779.6
10°	15558.3	14106.5	12870.1	11683.3	10604.9	9700.6	8711.3	7640.0	6662.0	5767.8	4973.7
7.5°	15977.0	14481.2	13164.4	11982.9	10890.1	9936.2	8989.4	7866.2	6862.2	5930.3	5129.4
5°	16266.8	14773.0	13437.9	12243.2	11092.9	10105.2	9195.8	8037.5	7011.3	6053.6	5247.6
2.5°	16565.6	14999.7	13609.1	12411.5	11222.1	10212.3	9320.8	8168.3	7132.5	6145.1	5346.2
0°	16682.0	15130.3	13728.4	12499.7	11294.6	10254.9	9357.0	8254.3	7214.7	6198.6	5411.0
-2.5°	16756.9	15173.1	13775.1	12556.8	11390.4	10322.3	9397.8	8350.9	7240.7	6256.2	5429.2
-5°	16643.2	15122.7	13735.9	12509.5	11392.4	10327.5	9369.4	8365.2	7234.1	6271.6	5415.1
-7.5°	16503.5	14989.4	13586.8	12383.9	11310.3	10256.3	9284.6	8302.6	7209.4	6246.5	5388.4
-10°	16267.6	14776.8	13441.7	12253.2	11165.9	10104.6	9161.2	8183.8	7128.8	6175.0	5325.9
-12.5°	15952.6	14508.2	13189.6	12014.1	10971.2	9948.4	9024.5	8019.5	6991.4	6055.9	5226.8
-15°	15536.6	14156.9	12877.6	11731.8	10723.1	9745.2	8821.9	7837.8	6857.5	5909.2	5091.0
-17.5°	15081.4	13693.2	12433.4	11354.0	10397.2	9470.2	8564.2	7647.0	6703.2	5771.5	4968.6
-20°	14564.6	13201.3	11953.3	10907.1	10004.2	9125.9	8288.1	7433.5	6488.9	5613.1	4840.3



REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13820.9	12616.7	11472.6	10446.7	9583.6	8779.6	7972.8	7146.5	6211.1	5414.7	4665.4
-25°	13085.8	11966.1	10937.6	9994.9	9161.2	8397.7	7612.9	6793.9	5963.8	5181.7	4451.7
-27.5°	12366.3	11329.4	10304.7	9457.1	8708.4	7962.6	7225.3	6450.4	5686.1	4919.6	4250.8
-30°	11589.7	10619.8	9695.9	8900.3	8191.7	7501.6	6838.5	6115.0	5363.0	4635.6	4034.1
-32.5°	10736.7	9885.5	9071.2	8322.2	7659.8	7048.5	6419.2	5733.3	4990.3	4370.2	3783.2
-35°	9908.8	9123.1	8420.4	7759.7	7158.5	6599.0	5989.7	5302.9	4650.5	4068.6	3500.1
-37.5°	9167.8	8402.6	7751.8	7182.6	6680.4	6149.9	5542.4	4933.0	4319.6	3732.8	3236.8
-40°	8401.2	7687.0	7109.1	6646.4	6165.8	5688.3	5153.5	4586.9	3981.6	3408.4	2978.5
-42.5°	7658.0	7081.7	6512.0	6048.9	5618.0	5227.0	4775.9	4203.9	3647.6	3149.7	2736.4
-45°	6930.3	6406.8	5886.7	5464.4	5106.1	4739.4	4336.2	3816.2	3316.5	2889.1	2499.3
-47.5°	6182.6	5741.9	5308.1	4915.5	4595.2	4239.1	3849.8	3409.4	2999.9	2614.7	2269.5
-50°	5464.9	5107.3	4756.3	4416.2	4092.0	3744.3	3396.5	3041.0	2675.6	2339.9	2026.7
-52.5°	4788.9	4492.8	4196.3	3898.6	3615.2	3311.4	2990.5	2674.3	2352.9	2072.3	1792.6
-55°	4153.2	3899.4	3664.2	3425.4	3186.7	2912.5	2623.1	2338.2	2081.7	1824.0	1596.0
-57.5°	3590.3	3367.5	3180.4	2985.5	2783.5	2540.9	2293.3	2052.6	1839.8	1626.5	1415.4
-60°	3093.1	2898.8	2738.4	2568.5	2389.3	2186.4	1989.9	1799.2	1615.3	1441.2	1259.5
-62.5°	2623.4	2466.6	2322.2	2178.3	2032.7	1879.0	1710.8	1557.1	1414.5	1267.9	1103.5
-65°	2179.2	2056.4	1935.1	1818.9	1699.2	1575.7	1441.9	1320.2	1203.7	1084.7	942.6
-67.5°	1773.9	1677.9	1579.6	1482.3	1389.0	1291.0	1189.3	1087.8	992.9	895.8	780.4
-70°	1428.0	1355.7	1279.3	1198.1	1120.9	1044.2	965.4	883.3	796.5	717.3	638.3
-72.5°	1152.6	1100.6	1043.5	977.9	908.3	842.0	778.2	714.2	648.2	580.5	511.5
-75°	931.5	893.3	849.9	795.1	738.8	681.1	627.4	572.3	512.1	446.3	382.3
-77.5°	737.6	714.2	687.5	643.7	599.5	554.9	506.9	446.8	385.5	324.8	271.9
-80°	552.9	541.8	526.0	488.0	449.9	412.0	372.0	319.5	267.3	218.4	179.1
-82.5°	364.9	357.3	347.2	321.8	296.7	272.1	246.9	210.4	175.5	142.5	113.3
-85°	199.4	193.0	185.8	173.8	161.8	149.9	137.8	117.7	98.8	81.1	65.4
-87.5°	72.9	70.5	67.9	65.3	62.7	60.0	57.2	51.3	45.6	40.1	34.8
-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: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	21.7	19.7	17.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.6	4.2
85°	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.5	1.3	2.4
82.5°	0.0	0.0	0.0	0.1	1.3	2.0	2.3	2.1	1.1	0.2	0.6
80°	0.0	0.0	0.0	0.2	2.0	4.2	5.2	5.4	4.1	2.9	1.6
77.5°	0.0	0.0	0.0	0.1	0.8	2.3	4.5	7.2	7.1	5.5	3.9
75°	0.0	0.0	0.0	0.3	0.5	0.1	1.7	4.2	6.4	7.8	6.2
72.5°	0.0	0.0	0.0	1.0	2.1	2.2	1.3	1.4	4.6	6.7	7.8
70°	1.2	0.4	0.0	1.3	3.2	4.8	4.5	3.6	3.0	5.8	7.5
67.5°	3.7	4.0	3.0	2.2	3.6	5.5	7.4	7.0	6.1	5.1	7.3
65°	9.2	8.5	7.8	6.9	5.9	5.8	7.7	9.7	9.2	7.9	7.2
62.5°	13.8	13.7	12.7	11.5	10.3	8.9	8.2	10.9	12.0	10.6	8.9
60°	17.7	18.5	17.7	16.1	14.6	12.9	11.7	12.3	13.8	13.3	11.3
57.5°	24.5	23.8	23.5	21.3	18.8	16.9	15.8	15.4	15.8	15.6	13.7
55°	43.2	30.1	30.3	28.0	24.1	20.8	19.9	19.2	18.3	18.0	16.0
52.5°	109.4	60.7	39.0	36.0	31.3	25.6	24.0	22.9	21.7	20.5	18.3
50°	202.1	130.8	74.1	46.5	39.6	33.7	28.0	26.6	25.0	23.3	20.5
47.5°	323.4	224.9	146.1	73.3	51.1	42.2	35.0	30.3	28.3	26.3	22.7
45°	498.1	331.3	229.7	145.1	68.1	58.2	43.3	33.9	31.6	29.0	24.8
42.5°	693.0	486.2	322.3	219.2	130.1	80.6	51.9	41.1	34.9	32.0	27.2
40°	884.1	671.9	432.9	302.2	196.3	108.0	74.7	49.1	38.2	35.1	29.9
37.5°	1095.7	868.4	606.4	390.9	263.8	164.9	102.3	57.2	43.4	38.4	32.7
35°	1357.3	1086.2	780.1	520.8	349.4	217.7	133.0	72.8	53.3	41.9	35.6
32.5°	1618.5	1303.8	967.8	671.8	438.8	266.3	173.0	103.9	64.9	45.5	38.5
30°	1881.4	1503.1	1144.5	811.6	541.7	344.4	216.1	134.2	78.2	49.2	41.5
27.5°	2118.1	1691.1	1310.0	957.7	662.4	426.9	261.2	163.5	92.9	55.7	44.6
25°	2385.4	1894.4	1472.7	1097.4	772.7	512.8	307.5	192.2	114.5	67.1	47.7
22.5°	2729.5	2103.2	1623.6	1224.0	882.0	595.0	367.0	230.1	138.2	79.1	50.8
20°	3071.6	2307.2	1771.4	1382.6	1000.9	687.6	435.8	267.7	160.7	91.6	53.8
17.5°	3407.3	2568.7	1986.4	1544.6	1128.1	774.1	500.0	304.8	181.9	104.3	56.9
15°	3708.3	2868.2	2197.9	1697.8	1252.7	854.2	559.5	340.8	201.8	117.0	60.9
12.5°	3961.1	3126.4	2396.9	1841.2	1372.6	927.3	613.8	375.2	220.2	131.2	66.3
10°	4169.9	3344.8	2581.5	1973.7	1485.9	993.1	662.7	409.8	241.6	146.2	72.1
7.5°	4336.8	3525.2	2749.4	2094.1	1588.8	1054.6	715.3	446.1	262.4	160.5	77.9
5°	4462.3	3666.0	2879.2	2180.3	1670.6	1111.1	763.9	479.6	281.7	173.9	83.7
2.5°	4543.8	3769.5	2975.4	2248.0	1737.1	1158.6	806.6	509.6	299.4	186.1	89.3
0°	4591.9	3843.6	3048.1	2299.9	1787.9	1197.2	842.8	535.6	315.1	196.9	94.5
-2.5°	4634.8	3892.2	3111.6	2390.5	1822.8	1260.4	866.0	559.1	340.0	204.7	104.1
-5°	4649.0	3913.6	3153.2	2460.3	1843.8	1311.6	882.2	578.3	361.8	211.0	112.9
-7.5°	4625.0	3900.7	3167.8	2500.0	1853.7	1347.8	891.7	593.3	379.5	215.9	120.6
-10°	4571.8	3858.5	3148.6	2488.0	1867.0	1359.1	897.2	604.3	392.4	219.6	127.0
-12.5°	4492.8	3794.7	3107.2	2461.5	1864.7	1351.9	912.0	612.9	399.2	222.1	131.7
-15°	4389.3	3711.3	3043.9	2422.6	1842.3	1335.6	915.7	616.1	398.4	226.7	134.6
-17.5°	4267.5	3610.1	2959.1	2372.8	1798.7	1311.2	907.4	612.2	394.4	233.5	137.5
-20°	4145.6	3497.7	2858.5	2314.1	1732.8	1279.4	886.3	600.9	387.2	237.9	140.3



REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4002.6	3368.7	2771.6	2232.1	1661.5	1241.0	851.8	581.9	376.8	239.8	141.6
-25°	3838.3	3218.0	2667.0	2119.4	1605.3	1197.7	816.1	554.6	363.5	239.1	141.1
-27.5°	3652.5	3057.1	2544.0	1996.0	1546.9	1137.1	782.3	534.7	352.1	235.8	139.0
-30°	3445.3	2905.5	2396.8	1877.3	1475.6	1071.6	738.1	512.3	347.0	231.4	135.2
-32.5°	3222.0	2734.8	2238.6	1786.9	1394.4	1003.7	699.0	487.1	338.3	225.7	135.4
-35°	3012.5	2549.1	2077.2	1682.5	1308.4	963.5	673.0	459.0	326.1	217.9	136.1
-37.5°	2788.2	2354.3	1949.4	1573.7	1217.8	917.3	651.8	446.5	310.3	207.8	135.6
-40°	2572.4	2169.7	1801.5	1469.9	1150.7	865.3	618.6	432.5	295.1	195.6	133.8
-42.5°	2354.0	1996.1	1659.9	1357.0	1087.5	814.9	575.9	411.0	282.9	188.6	130.7
-45°	2152.9	1816.8	1509.3	1258.6	1017.2	750.5	543.2	384.1	267.9	183.5	127.9
-47.5°	1941.6	1634.2	1371.7	1150.9	925.2	680.5	501.5	362.9	249.8	176.9	126.0
-50°	1723.5	1461.3	1243.0	1032.4	812.7	622.1	457.0	337.6	243.3	171.6	122.9
-52.5°	1532.6	1309.4	1111.4	910.6	727.8	553.7	423.2	310.4	234.7	167.2	118.6
-55°	1368.2	1164.9	981.7	810.8	646.9	503.5	384.9	297.4	224.0	161.7	113.2
-57.5°	1222.9	1031.0	875.3	721.8	579.4	455.0	358.0	282.1	212.8	154.1	108.4
-60°	1081.7	924.2	778.6	641.8	516.3	413.2	336.9	264.4	199.5	144.5	103.1
-62.5°	951.1	812.4	685.8	562.2	459.9	379.2	312.9	243.8	183.8	132.5	96.1
-65°	814.1	696.0	589.0	491.9	408.6	339.4	281.7	220.5	163.1	118.0	87.0
-67.5°	671.8	585.1	501.6	420.6	352.6	294.5	246.0	189.4	138.9	101.2	76.4
-70°	559.5	483.2	412.3	348.8	293.4	246.0	201.0	153.1	112.0	86.7	65.1
-72.5°	445.4	383.1	325.1	274.5	235.0	194.8	153.9	117.1	92.9	71.5	53.3
-75°	329.7	287.5	249.8	214.6	179.0	143.8	117.3	93.2	73.2	55.7	44.9
-77.5°	239.2	208.8	181.0	158.8	134.3	110.8	88.6	68.3	55.4	46.2	37.8
-80°	162.5	146.6	131.2	115.6	95.9	77.2	63.9	52.6	44.6	37.2	30.4
-82.5°	102.4	93.9	86.2	78.4	66.9	56.5	47.4	39.7	33.7	28.1	24.7
-85°	60.7	56.2	51.7	47.3	41.0	35.4	32.6	30.2	27.6	25.0	22.4
-87.5°	34.3	33.8	33.2	32.6	31.0	29.5	28.2	26.9	24.6	22.4	20.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.9	5.9



REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	15.8	13.8	11.9	9.9	7.9	7.9	7.9
87.5°	5.9	6.6	7.2	7.6	7.9	7.9	7.9
85°	3.8	5.4	6.5	7.4	7.9	7.9	7.9
82.5°	1.9	4.1	5.9	7.1	7.9	7.9	7.9
80°	0.4	2.9	5.3	6.9	7.9	7.9	7.9
77.5°	2.4	2.6	4.7	6.7	7.9	7.9	7.9
75°	4.4	3.9	4.3	6.5	7.9	7.9	7.9
72.5°	6.3	5.1	5.0	6.4	7.9	7.9	7.9
70°	7.9	6.3	5.7	6.3	7.9	7.9	7.9
67.5°	8.1	7.4	6.3	6.6	7.9	7.9	7.9
65°	8.4	8.2	6.9	6.9	7.9	7.9	7.9
62.5°	8.9	8.8	7.4	7.1	7.9	7.9	7.9
60°	9.4	9.5	7.9	7.3	7.9	7.9	7.9
57.5°	11.2	10.2	8.6	7.5	8.0	7.9	7.9
55°	13.2	11.1	9.4	7.6	8.1	7.9	7.9
52.5°	15.2	12.1	10.3	7.8	8.3	7.9	7.9
50°	17.1	13.7	11.2	7.9	8.4	7.9	7.9
47.5°	19.0	15.3	12.1	8.1	8.6	7.9	7.9
45°	20.8	16.8	13.0	8.8	8.9	7.9	7.9
42.5°	22.6	18.3	14.0	9.5	9.1	7.9	7.9
40°	24.4	19.7	15.1	10.5	9.4	7.9	7.9
37.5°	26.1	21.2	16.2	11.5	9.7	7.9	7.9
35°	27.7	22.5	17.3	12.6	10.0	7.9	7.9
32.5°	29.6	23.8	18.4	13.6	10.4	7.9	7.9
30°	31.9	25.1	19.4	14.5	10.8	7.9	7.9
27.5°	34.3	26.3	20.6	15.5	11.2	7.9	7.9
25°	36.6	27.5	21.8	16.4	11.6	7.9	7.9
22.5°	38.9	28.7	23.0	17.3	12.0	7.9	7.9
20°	41.2	30.1	24.1	18.2	12.5	7.9	7.9
17.5°	43.4	31.5	25.2	19.0	12.9	7.9	7.9
15°	45.6	32.8	26.3	19.7	13.4	7.9	7.9
12.5°	47.6	34.1	27.3	20.5	13.8	7.9	7.9
10°	49.5	35.3	28.2	21.2	14.2	7.9	7.9
7.5°	51.1	36.4	29.1	21.9	14.6	7.9	7.9
5°	52.6	37.5	30.0	22.5	15.1	7.9	7.9
2.5°	54.0	38.5	30.8	23.1	15.4	7.9	7.9
0°	55.1	39.4	31.5	23.6	15.8	7.9	7.9
-2.5°	58.2	40.2	32.2	23.6	15.8	7.9	7.9
-5°	61.0	41.0	32.7	23.5	15.7	7.9	7.9
-7.5°	63.4	41.7	33.2	23.4	15.7	7.9	7.9
-10°	65.5	42.3	33.6	23.2	15.6	7.9	7.9
-12.5°	67.0	42.8	33.9	23.0	15.4	7.9	7.9
-15°	68.0	43.2	34.0	22.8	15.3	7.9	7.9
-17.5°	68.3	43.6	33.9	22.5	15.1	7.9	7.9
-20°	70.1	43.8	33.7	22.2	14.8	7.9	7.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627900 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	74.6	44.0	33.3	21.8	14.6	7.9	7.9
-25°	78.3	46.9	32.7	21.4	14.3	7.9	7.9
-27.5°	81.2	50.6	31.9	20.9	14.0	7.9	7.9
-30°	83.1	53.7	31.1	20.5	13.7	7.9	7.9
-32.5°	84.2	56.3	32.3	19.9	13.3	7.9	7.9
-35°	86.4	58.4	33.1	19.4	12.9	7.9	7.9
-37.5°	88.7	59.6	33.6	18.7	12.5	7.9	7.9
-40°	90.1	60.1	33.9	18.1	12.1	7.9	7.9
-42.5°	90.6	60.1	34.1	17.7	11.6	7.9	7.9
-45°	90.1	59.7	34.3	17.8	11.2	7.9	7.9
-47.5°	88.8	58.8	34.1	17.7	10.7	7.9	7.9
-50°	86.9	57.4	33.5	17.5	10.1	7.9	7.9
-52.5°	84.5	55.6	32.5	17.2	9.6	7.9	7.9
-55°	81.5	53.3	31.1	16.7	9.1	7.9	7.9
-57.5°	77.8	50.5	29.3	16.1	8.5	7.9	7.9
-60°	73.5	47.0	27.3	15.4	7.9	7.9	7.9
-62.5°	67.6	43.1	25.8	14.5	7.9	7.9	7.9
-65°	61.0	38.6	24.1	13.6	7.9	7.9	7.9
-67.5°	53.7	34.7	22.2	12.5	7.9	7.9	7.9
-70°	45.7	31.5	20.2	11.4	7.9	7.9	7.9
-72.5°	40.3	28.1	18.0	11.1	7.9	7.9	7.9
-75°	35.1	24.5	15.7	11.0	7.9	7.9	7.9
-77.5°	29.7	20.7	14.9	10.9	7.9	7.9	7.9
-80°	24.0	18.6	14.3	10.8	7.9	7.9	7.9
-82.5°	21.7	17.5	13.8	10.6	7.9	7.9	7.9
-85°	19.8	16.3	13.2	10.4	7.9	7.9	7.9
-87.5°	17.8	15.1	12.5	10.1	7.9	7.9	7.9
-90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9

(END OF REPORT)