

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: P627902 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627902 (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-SA6C-750-U-WR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

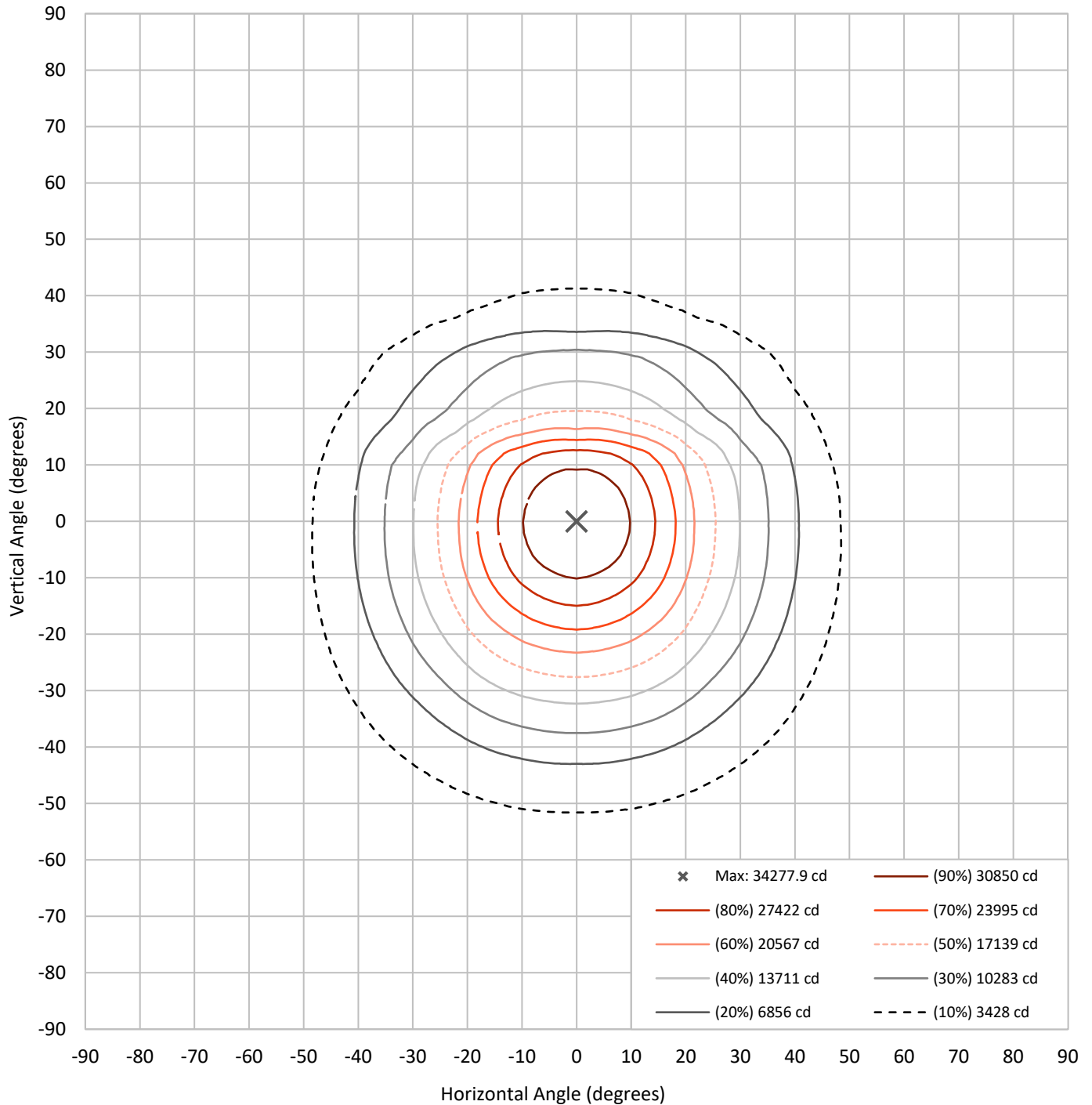
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	30240.5 lumens	Max Intensity:	34277.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	14559.4 lumens	Field Lumens:	27075.5 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
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		



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### Iso-Candela Plot





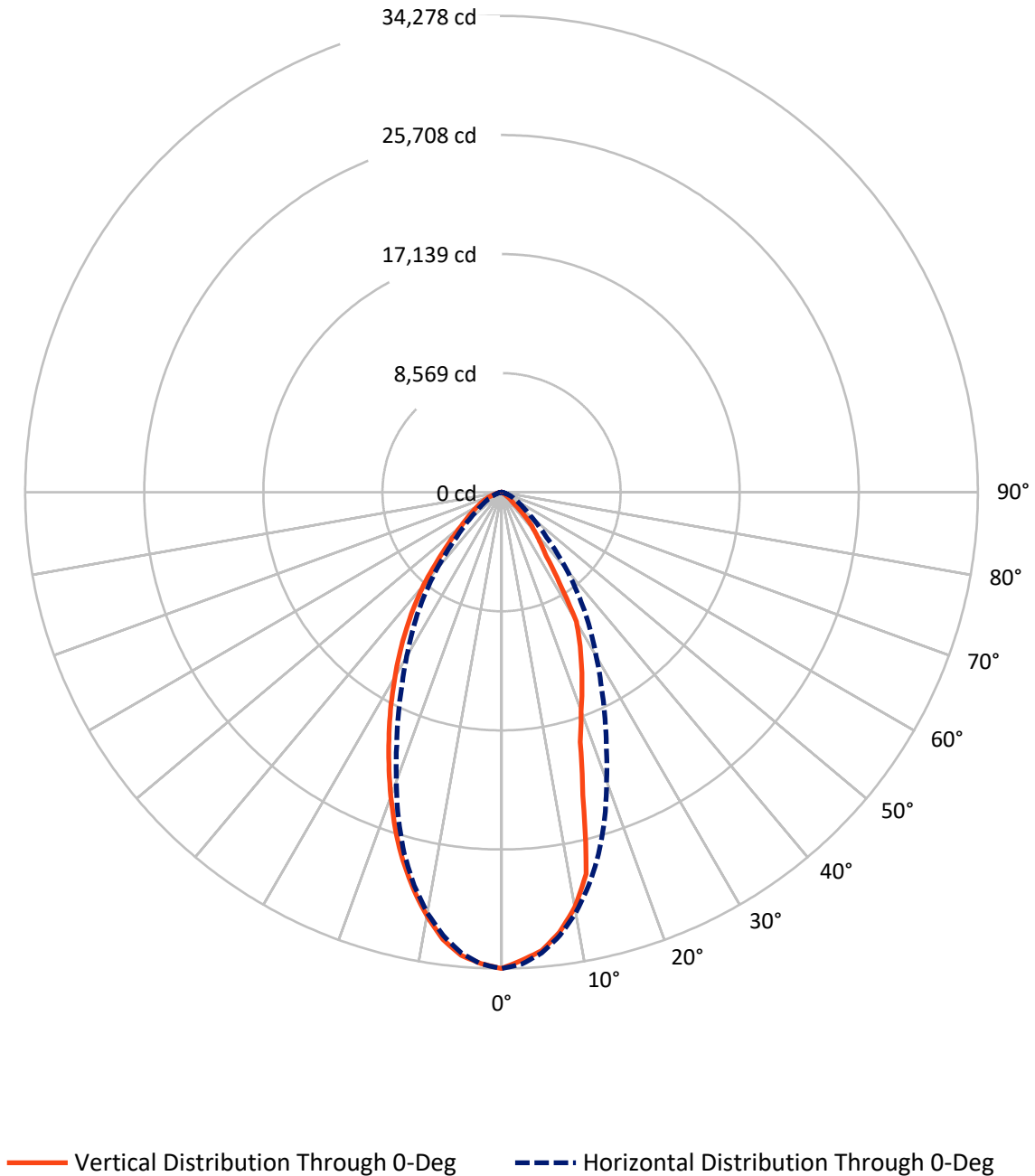
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### Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		0.0			
70																			
60	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1			
50		0.7	1.6	2.9	4.8	7.0	9.5	10.7	10.7	9.5	7.0	4.8	2.9	1.6	0.7				
40	1.3	2.3	5.9	12.3	22.5	36.9	53.3	65.3	65.3	53.3	36.9	22.5	12.3	5.9	2.3	1.3			
30		4.6	11.8	27.3	56.5	103.7	158.6	190.7	190.7	158.6	103.7	56.5	27.3	11.8	4.6				
20	3.3	7.2	19.2	49.7	117.5	220.6	335.7	404.5	404.5	335.7	220.6	117.5	49.7	19.2	7.2	3.3			
10		9.8	27.3	77.8	193.2	357.4	558.4	690.4	690.4	558.4	357.4	193.2	77.8	27.3	9.8				
0	4.7	11.4	34.3	100.7	253.8	473.0	759.4	962.8	962.8	759.4	473.0	253.8	100.7	34.3	11.4	4.7			
-10		11.9	35.7	103.9	257.4	479.8	767.1	968.9	968.9	767.1	479.8	257.4	103.9	35.7	11.9				
-20	5.0	11.7	33.8	92.6	228.1	421.3	649.4	801.4	801.4	649.4	421.3	228.1	92.6	33.8	11.7	5.0			
-30		10.8	29.3	72.5	170.2	317.6	473.4	567.6	567.6	473.4	317.6	170.2	72.5	29.3	10.8				
-40	4.3	9.5	23.7	52.4	107.1	197.0	297.3	353.9	353.9	297.3	197.0	107.1	52.4	23.7	9.5	4.3			
-50		7.9	18.3	36.2	64.4	103.2	148.0	176.1	176.1	148.0	103.2	64.4	36.2	18.3	7.9				
-60	2.7	6.1	13.3	24.1	39.3	56.5	73.1	82.8	82.8	73.1	56.5	39.3	24.1	13.3	6.1	2.7			
-70		4.3	8.9	14.9	22.8	31.1	38.0	41.5	41.5	38.0	31.1	22.8	14.9	8.9	4.3				
-80	0.7	8.6		22.2		39.7		36.2		39.7		22.2		8.6		0.7			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

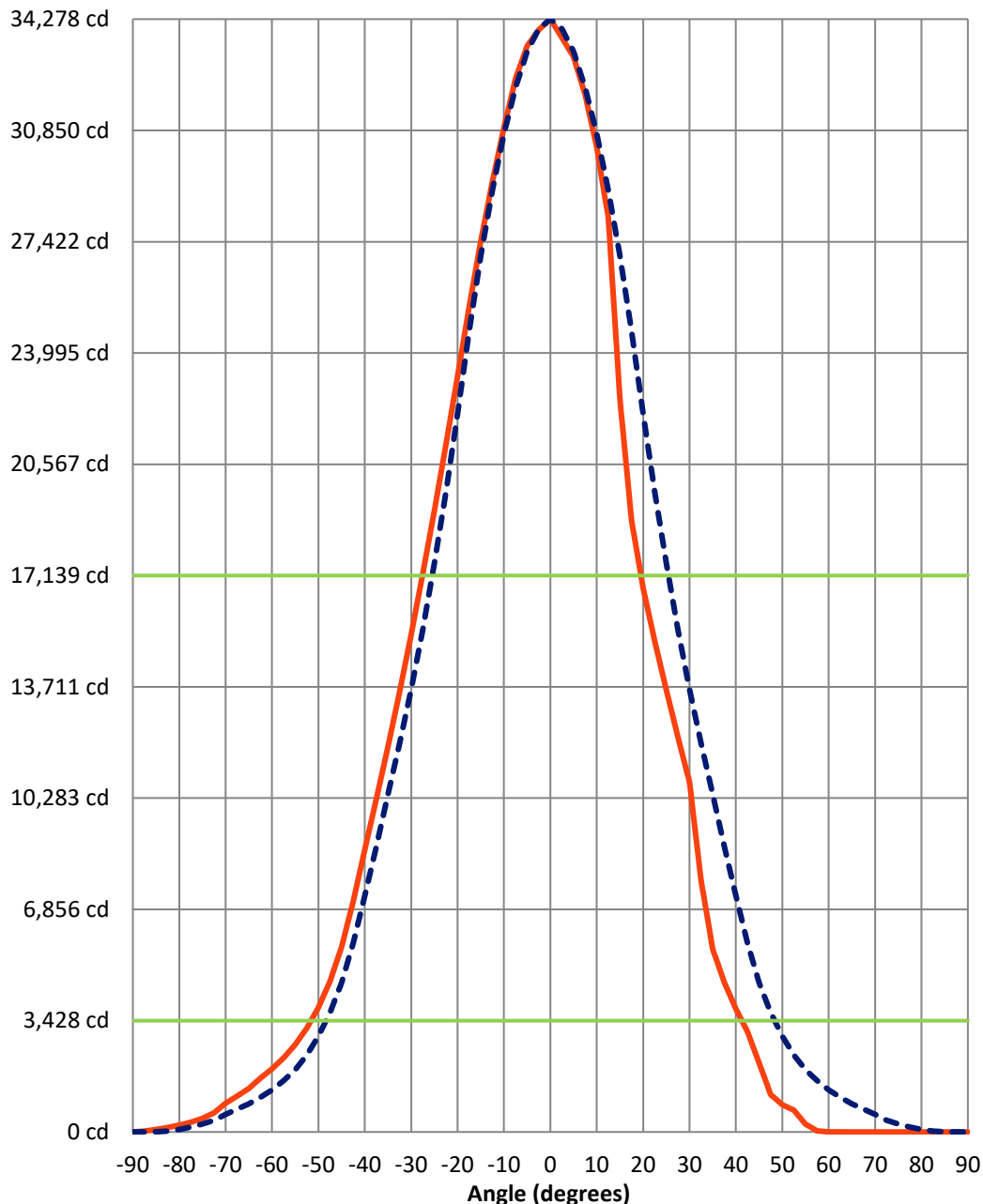
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 14559.4  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 27075.5  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 3164.9  
 Efficiency: 10.5%

- Vertical Distribution through 0-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	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
82.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.4	2.4	2.4
80°	0.0	0.4	0.8	1.2	1.7	2.1	2.4	2.4	2.4	2.4	2.4
77.5°	0.0	0.5	1.0	1.6	2.1	2.4	2.4	2.4	2.4	2.4	2.4
75°	0.0	0.6	1.2	1.9	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	0.0	0.7	1.4	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	0.0	0.8	1.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.6
67.5°	0.0	0.9	1.8	2.4	2.4	2.4	2.6	2.4	2.4	3.1	3.0
65°	0.0	1.0	2.0	2.4	2.4	2.7	2.9	2.4	3.5	4.0	4.7
62.5°	0.0	1.1	2.2	2.4	2.4	3.2	3.3	3.3	4.6	6.5	10.2
60°	0.0	1.2	2.4	2.4	2.4	3.9	3.8	4.6	5.9	16.2	17.5
57.5°	0.0	1.3	2.4	2.4	3.1	4.6	6.6	6.3	15.9	27.3	30.0
55°	0.0	1.4	2.5	2.4	3.8	5.4	10.1	9.3	29.2	41.2	46.5
52.5°	0.0	1.5	2.5	2.4	4.6	6.7	14.1	23.0	43.7	61.1	65.9
50°	0.0	1.5	2.6	2.4	5.4	11.0	18.7	38.1	61.1	83.2	100.6
47.5°	0.0	1.6	2.6	2.6	6.3	15.5	24.9	53.3	83.9	107.5	136.5
45°	0.0	1.7	2.7	3.2	7.2	20.4	38.2	68.7	106.8	139.3	172.0
42.5°	0.0	1.8	2.8	3.9	8.1	25.5	51.4	86.7	129.6	170.7	211.3
40°	0.0	1.8	2.9	4.8	10.7	30.8	64.5	106.5	153.3	201.3	252.4
37.5°	0.0	1.9	3.0	5.9	14.9	36.4	77.6	126.0	179.0	232.9	294.4
35°	0.0	2.0	3.1	7.0	19.1	45.3	90.5	145.3	204.8	270.4	340.0
32.5°	0.0	2.0	3.2	8.3	23.4	55.5	104.2	164.2	230.7	309.1	391.4
30°	0.0	2.1	3.3	9.6	27.7	65.5	119.5	183.5	256.5	348.5	443.2
27.5°	0.0	2.1	3.4	11.0	32.7	75.1	134.3	204.5	284.8	388.6	495.2
25°	0.0	2.2	3.6	12.4	37.6	84.4	148.6	225.1	317.5	431.2	547.2
22.5°	0.0	2.2	3.7	13.9	42.4	93.5	162.3	245.1	349.8	474.4	599.9
20°	0.0	2.3	3.8	15.5	47.0	102.3	175.4	264.5	381.6	516.7	650.1
17.5°	0.0	2.3	4.0	17.0	51.5	110.6	187.5	283.1	412.6	557.7	697.6
15°	0.0	2.3	4.1	18.6	55.8	118.3	198.6	299.6	442.5	597.2	742.5
12.5°	0.0	2.3	4.3	20.1	59.9	125.5	208.8	313.4	467.3	635.0	784.5
10°	0.0	2.4	4.4	21.6	63.7	132.1	218.0	325.8	487.2	657.3	817.5
7.5°	0.0	2.4	4.5	23.0	67.2	138.0	226.3	336.6	504.6	674.3	834.8
5°	0.0	2.4	4.7	24.4	70.4	143.3	233.5	345.9	519.4	687.8	848.7
2.5°	0.0	2.4	4.8	25.7	73.3	147.9	239.7	353.7	531.7	698.0	859.4
0°	0.0	2.4	4.9	26.9	75.9	151.8	244.8	359.9	541.1	705.1	866.7
-2.5°	0.0	2.6	5.6	28.6	79.4	156.6	251.5	370.3	551.7	715.3	878.2
-5°	0.0	2.7	6.4	30.2	82.4	160.6	257.0	378.9	559.4	722.6	886.4
-7.5°	0.0	2.9	7.1	31.6	85.0	163.8	261.4	385.8	564.3	727.2	891.2
-10°	0.0	3.0	7.7	32.8	87.2	166.3	264.5	390.6	566.4	729.0	892.7
-12.5°	0.0	3.1	8.4	33.9	88.8	167.9	266.3	393.4	565.7	727.9	888.6
-15°	0.0	3.2	9.0	34.8	89.8	168.7	266.9	393.9	561.6	721.6	880.0
-17.5°	0.0	3.4	9.6	35.4	90.3	168.6	266.1	393.2	554.4	713.0	868.0
-20°	0.0	3.4	10.1	35.9	90.2	167.6	265.4	391.3	545.3	702.2	852.8

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CATALOG NUMBER: GFLD-SA6C-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	3.5	10.5	36.1	89.5	165.8	265.5	387.8	534.5	689.4	834.3
-25°	0.0	3.6	10.9	36.1	88.1	165.2	264.3	382.6	522.3	674.7	812.5
-27.5°	0.0	3.6	11.2	35.8	86.1	164.4	261.8	375.8	508.7	657.7	792.5
-30°	0.0	3.7	11.5	35.3	83.6	162.7	257.9	367.5	496.7	638.6	770.9
-32.5°	0.0	3.7	11.7	34.6	82.6	159.9	252.7	360.6	484.9	618.7	747.8
-35°	0.0	3.7	11.8	33.6	80.8	156.1	247.8	353.1	471.4	598.1	723.2
-37.5°	0.0	3.7	11.8	32.3	78.4	151.9	242.2	344.0	456.4	576.9	694.3
-40°	0.0	3.7	11.8	30.8	75.3	148.2	235.2	333.4	439.9	557.2	663.5
-42.5°	0.0	3.6	11.7	29.3	73.1	143.5	226.9	321.2	424.6	531.5	630.7
-45°	0.0	3.5	11.5	28.2	71.6	137.9	217.2	308.5	408.9	504.1	596.6
-47.5°	0.0	3.5	11.2	26.7	69.4	131.4	206.3	295.5	391.4	475.6	565.0
-50°	0.0	3.4	10.9	26.2	66.5	124.0	196.7	281.0	368.4	449.7	532.5
-52.5°	0.0	3.2	10.5	25.8	62.9	115.6	186.3	264.9	345.5	422.7	499.4
-55°	0.0	3.1	10.0	25.2	58.5	108.8	174.8	247.6	321.9	394.5	468.2
-57.5°	0.0	3.0	9.4	24.1	53.5	101.5	162.2	232.3	297.1	366.1	436.0
-60°	0.0	2.8	8.8	22.8	47.9	93.1	148.7	213.7	271.6	336.7	402.7
-62.5°	0.0	2.6	8.3	21.2	44.6	83.7	135.7	193.2	246.4	306.0	368.4
-65°	0.0	2.4	7.7	19.3	40.8	73.4	121.4	171.7	219.6	273.8	332.8
-67.5°	0.0	2.2	7.1	17.2	36.5	64.3	105.9	150.0	191.3	239.7	293.3
-70°	0.0	2.0	6.4	14.8	31.7	56.4	89.2	127.5	164.5	203.9	250.8
-72.5°	0.0	1.8	5.7	13.1	26.6	47.8	75.9	104.4	136.9	171.5	208.0
-75°	0.0	1.5	4.9	11.4	21.1	38.7	62.3	85.1	108.6	138.3	169.7
-77.5°	0.0	1.3	4.2	9.7	17.5	29.2	48.0	66.8	86.3	106.7	130.5
-80°	0.0	1.0	3.4	7.8	14.2	22.3	33.1	48.3	64.2	80.8	98.3
-82.5°	0.0	0.8	2.5	5.9	10.7	16.9	24.4	32.3	41.7	54.6	68.1
-85°	0.0	0.5	1.7	4.0	7.2	11.3	16.4	21.6	27.5	34.1	41.3
-87.5°	0.0	0.3	0.9	2.0	3.6	5.7	8.2	10.8	13.8	17.1	20.7
-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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**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°	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
85°	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.0
67.5°	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.4	1.9	1.2
65°	2.4	2.4	3.3	3.6	2.5	2.4	2.4	2.4	2.5	2.2	2.2
62.5°	3.5	4.4	5.5	8.5	6.3	2.4	4.7	5.5	3.7	3.0	3.3
60°	10.7	7.3	18.8	26.1	17.0	9.0	11.1	22.2	18.3	5.0	13.0
57.5°	21.6	26.6	47.4	49.7	38.2	25.8	56.7	62.8	52.1	32.8	47.1
55°	45.0	63.3	80.0	79.1	79.5	100.0	117.6	115.4	101.8	140.3	176.7
52.5°	85.3	104.2	115.3	125.6	154.2	173.2	178.7	189.5	229.4	277.1	285.8
50°	125.1	144.6	159.2	196.5	225.8	240.8	254.8	291.3	351.7	384.4	389.7
47.5°	165.5	187.3	225.7	266.5	294.8	317.5	341.7	424.7	492.1	520.0	530.1
45°	207.6	245.3	293.3	335.2	368.0	398.7	477.5	590.8	638.2	681.0	789.8
42.5°	251.3	308.1	362.2	406.0	443.0	507.3	616.9	726.7	794.6	885.6	1017.0
40°	307.0	370.8	433.4	478.0	524.2	621.5	757.3	873.5	945.3	1067.4	1217.2
37.5°	363.7	438.2	505.8	552.9	617.7	749.5	909.0	1048.1	1137.2	1236.6	1477.3
35°	419.7	506.9	576.3	639.4	719.6	901.2	1097.6	1252.6	1362.6	1532.8	1837.5
32.5°	479.4	576.9	647.9	733.7	865.5	1068.5	1309.8	1481.9	1664.4	1909.2	2397.3
30°	542.9	642.4	724.1	827.3	1004.0	1240.8	1520.9	1737.1	1984.8	2382.5	2908.6
27.5°	606.2	707.7	808.3	939.5	1133.6	1389.5	1682.0	2022.9	2343.0	2787.7	3362.8
25°	667.1	774.3	890.9	1049.5	1259.3	1527.2	1846.5	2239.7	2657.5	3166.2	3841.5
22.5°	725.3	841.8	978.3	1148.8	1365.4	1657.9	2038.7	2500.6	3002.6	3529.6	4305.6
20°	782.3	917.3	1073.9	1264.7	1463.0	1778.5	2226.8	2786.0	3415.2	4137.1	4897.5
17.5°	838.6	991.8	1172.6	1384.7	1625.0	1947.8	2419.5	3085.3	3851.1	4790.7	5726.9
15°	893.7	1064.9	1268.1	1503.2	1788.4	2174.3	2710.0	3441.7	4366.9	5492.1	6601.1
12.5°	947.2	1135.8	1359.7	1619.0	1946.8	2387.4	2983.7	3773.2	4833.3	6177.5	7539.9
10°	998.5	1203.8	1446.7	1730.7	2098.6	2585.7	3225.6	4059.9	5185.1	6570.4	8085.7
7.5°	1024.6	1249.8	1520.9	1837.0	2241.8	2767.8	3436.2	4302.2	5460.0	6886.4	8405.7
5°	1043.2	1270.9	1548.8	1879.4	2320.5	2891.6	3597.3	4500.3	5662.6	7124.1	8622.5
2.5°	1057.6	1286.0	1569.1	1903.4	2351.6	2932.9	3650.6	4569.4	5771.2	7248.2	8748.8
0°	1067.5	1295.2	1581.7	1917.1	2367.6	2952.8	3675.1	4598.1	5817.4	7276.7	8794.7
-2.5°	1078.0	1307.9	1594.8	1938.4	2390.1	2980.0	3702.1	4618.4	5852.0	7284.6	8819.6
-5°	1084.0	1314.7	1600.0	1948.7	2397.4	2985.1	3700.2	4599.1	5824.5	7227.4	8765.6
-7.5°	1085.7	1315.4	1597.1	1946.7	2388.1	2961.9	3661.1	4541.7	5729.5	7111.7	8633.3
-10°	1083.1	1309.7	1586.6	1929.0	2361.2	2913.9	3591.2	4442.3	5573.4	6920.7	8409.6
-12.5°	1075.1	1297.4	1567.8	1900.2	2317.9	2845.5	3492.6	4300.5	5356.7	6655.2	8094.3
-15°	1062.4	1279.2	1540.5	1860.3	2258.2	2757.5	3366.0	4116.4	5077.6	6317.6	7701.7
-17.5°	1044.9	1255.0	1504.8	1809.4	2181.9	2650.6	3213.0	3900.9	4776.7	5940.9	7265.2
-20°	1022.6	1224.8	1460.6	1747.6	2093.9	2538.0	3070.8	3710.1	4495.1	5509.5	6750.2



REPORT NUMBER: P627902 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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°	995.5	1188.9	1413.9	1688.4	2015.9	2421.1	2912.0	3493.8	4179.1	5010.9	6187.9
-25°	967.7	1154.5	1368.5	1622.6	1926.7	2288.6	2730.2	3260.3	3881.0	4642.3	5615.4
-27.5°	940.2	1114.9	1316.0	1546.5	1826.8	2152.0	2559.3	3042.6	3595.7	4243.1	5035.6
-30°	909.2	1070.7	1258.0	1466.9	1731.0	2033.0	2385.1	2799.1	3290.9	3876.0	4564.8
-32.5°	875.4	1023.2	1201.9	1398.0	1628.5	1903.3	2207.9	2582.4	3010.3	3492.9	4088.3
-35°	841.7	982.8	1144.4	1323.8	1518.3	1775.7	2055.5	2366.3	2730.2	3157.6	3633.8
-37.5°	809.3	938.6	1082.8	1250.1	1432.6	1646.2	1893.4	2174.0	2487.3	2827.3	3238.7
-40°	773.2	890.9	1027.3	1178.8	1340.3	1525.5	1748.4	1986.5	2256.2	2555.4	2873.1
-42.5°	733.9	847.1	971.6	1102.1	1250.3	1415.7	1600.6	1818.3	2042.4	2293.1	2570.4
-45°	695.5	799.4	913.4	1032.5	1157.1	1303.3	1471.2	1652.3	1851.0	2055.6	2288.6
-47.5°	655.1	749.9	856.0	959.8	1070.2	1194.9	1337.4	1501.8	1667.5	1849.6	2030.3
-50°	614.5	703.6	792.7	889.6	988.5	1092.3	1212.7	1354.5	1505.3	1656.4	1815.4
-52.5°	578.2	655.3	735.8	818.9	909.1	1001.4	1101.7	1218.7	1350.5	1483.6	1620.7
-55°	541.2	612.2	678.7	753.2	831.1	914.2	1003.7	1102.1	1201.6	1322.9	1440.8
-57.5°	505.0	567.9	625.8	689.3	758.6	829.2	909.8	993.4	1083.8	1175.5	1272.0
-60°	468.6	522.1	574.6	629.6	687.7	750.6	815.4	888.8	966.3	1045.9	1129.6
-62.5°	431.1	474.5	520.7	571.0	622.2	670.6	725.0	785.0	848.9	917.2	988.1
-65°	389.1	425.0	463.7	507.4	555.5	594.5	636.2	681.3	734.2	790.4	846.0
-67.5°	344.2	376.1	407.6	440.1	479.0	514.0	548.2	584.2	623.6	669.6	714.3
-70°	294.3	326.0	353.8	380.7	405.5	430.4	459.5	487.8	519.7	560.9	601.5
-72.5°	243.5	273.3	299.6	322.4	339.8	354.7	372.5	393.1	423.6	461.9	497.8
-75°	196.9	221.0	245.6	267.5	278.7	283.2	286.9	297.8	328.6	367.9	402.7
-77.5°	153.3	174.3	194.3	213.5	221.4	224.5	226.0	225.9	248.7	282.2	317.4
-80°	112.9	127.5	144.5	160.9	165.7	167.1	167.3	166.3	184.9	209.0	234.8
-82.5°	78.5	89.0	99.8	110.9	112.4	111.7	110.0	108.4	123.4	140.8	158.7
-85°	45.7	50.1	56.7	63.5	64.3	64.0	62.8	60.9	69.2	78.7	88.7
-87.5°	22.9	25.1	27.3	29.5	28.7	27.6	26.1	24.3	26.6	29.1	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: P627902 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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°	2.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.4	1.8	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.4	1.9	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.4	1.9	1.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.4	2.0	1.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.4	2.0	1.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.4	2.1	1.4	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.4	0.6	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.1	1.2	1.2	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.5	2.4	1.8	1.2	0.6	0.4	0.6	0.5	0.2	0.0	0.0
62.5°	3.1	3.0	2.1	2.0	2.2	2.4	1.9	1.7	1.6	1.7	2.0
60°	13.8	7.9	8.0	10.2	8.7	4.0	8.0	10.1	9.4	7.2	6.3
57.5°	70.3	58.8	41.1	68.9	71.0	49.5	53.7	70.0	67.9	52.4	52.2
55°	177.1	179.6	192.9	210.3	223.2	229.2	234.4	260.8	288.9	316.4	330.2
52.5°	292.5	326.7	369.2	397.4	417.1	457.4	513.9	539.8	565.0	593.6	614.3
50°	430.8	490.2	532.9	539.2	606.2	649.8	660.0	708.7	761.6	794.6	818.3
47.5°	640.8	716.0	753.3	777.0	858.7	948.2	948.3	976.3	1108.8	1178.2	1211.6
45°	923.0	985.7	1051.6	1222.6	1379.9	1429.8	1536.6	1681.3	1775.3	1904.7	2047.0
42.5°	1163.4	1281.1	1446.0	1634.3	1792.0	1923.3	2081.9	2255.8	2464.7	2661.2	2830.7
40°	1401.1	1546.8	1751.1	1956.0	2154.5	2336.4	2592.2	2815.8	3062.2	3332.5	3557.7
37.5°	1711.4	1898.0	2109.1	2367.4	2676.4	2878.3	3230.1	3551.5	3829.1	4155.5	4356.5
35°	2188.0	2431.2	2618.0	3140.3	3516.2	3752.3	4168.8	4697.0	4899.8	5310.8	5505.8
32.5°	2787.2	3110.3	3602.2	4293.8	4795.8	5230.4	5853.0	6388.9	6845.7	7258.5	7687.9
30°	3460.5	3959.2	4684.2	5603.1	6113.0	6721.8	7563.7	8199.2	8915.6	9701.9	9977.4
27.5°	4071.5	4818.5	5660.2	6404.5	7136.8	7895.1	8722.3	9538.6	10314.0	10968.4	11407.5
25°	4637.8	5542.4	6360.5	7155.8	7949.3	8803.3	9738.9	10664.8	11518.0	12191.3	12703.2
22.5°	5221.9	6177.6	7052.7	7859.8	8782.7	9750.5	10745.5	11807.4	12778.5	13477.0	14034.7
20°	5771.1	6834.0	7832.2	8751.2	9623.6	10740.8	11886.5	13013.0	14070.4	14902.4	15545.4
17.5°	6642.8	7565.5	8785.5	9979.3	10962.2	11988.4	13519.5	14682.0	15855.5	16852.0	17533.6
15°	7713.3	8727.9	9987.7	11627.2	12973.9	14149.8	15731.4	17622.7	19006.8	20278.9	21151.5
12.5°	8784.7	9932.3	11294.9	13140.0	15057.3	16442.3	18361.2	20757.8	22370.0	24339.4	25310.4
10°	9605.9	11046.9	12450.2	14134.0	15975.4	17947.6	20016.1	22258.3	24412.3	26103.5	27615.3
7.5°	9936.5	11471.4	13096.0	14813.9	16655.1	18690.6	20895.3	23228.3	25445.2	27334.2	28995.6
5°	10183.6	11756.4	13391.6	15148.2	17116.5	19242.1	21479.6	23929.1	26193.1	28217.7	29917.4
2.5°	10340.6	11928.2	13556.4	15342.3	17412.4	19601.1	21910.6	24424.9	26722.9	28807.1	30501.4
0°	10400.9	11965.4	13632.8	15471.6	17520.9	19714.7	22123.9	24667.8	26984.0	28999.1	30742.4
-2.5°	10409.1	11930.8	13637.8	15467.6	17428.5	19642.8	22081.1	24603.8	26873.0	28879.9	30638.7
-5°	10327.4	11848.5	13557.0	15359.1	17322.7	19520.3	21854.0	24291.8	26455.9	28409.1	30102.5
-7.5°	10161.7	11678.6	13349.4	15110.2	17020.8	19152.5	21393.9	23660.3	25783.4	27656.7	29272.8
-10°	9916.0	11400.9	13013.9	14729.5	16537.4	18565.0	20702.2	22867.6	24858.6	26590.9	28085.4
-12.5°	9583.2	11033.8	12574.1	14212.0	15894.8	17828.0	19845.9	21879.4	23694.1	25275.6	26616.5
-15°	9150.9	10567.7	12059.2	13608.1	15240.1	16988.2	18799.2	20664.5	22338.1	23740.6	24965.6
-17.5°	8641.8	10015.9	11432.3	12868.2	14416.6	16056.7	17737.9	19412.2	20839.7	22085.6	23205.8
-20°	8074.1	9398.1	10743.5	12082.0	13486.9	15003.8	16556.5	18027.2	19274.6	20406.8	21431.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627902 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	7437.6	8704.9	9994.4	11247.1	12514.0	13887.5	15274.1	16604.2	17771.0	18739.5	19630.2
-25°	6756.4	7927.3	9145.0	10319.5	11485.5	12716.3	13975.8	15199.6	16226.5	17067.4	17803.4
-27.5°	6069.8	7139.8	8212.7	9318.4	10396.2	11532.0	12672.3	13729.2	14651.2	15425.3	16043.8
-30°	5348.2	6304.8	7284.6	8285.0	9314.1	10353.5	11383.8	12309.3	13114.1	13795.0	14329.5
-32.5°	4748.5	5475.2	6340.2	7248.4	8213.1	9160.1	10056.3	10899.9	11658.3	12252.8	12706.1
-35°	4173.7	4789.1	5436.9	6240.8	7069.6	7941.1	8765.5	9518.3	10194.4	10713.9	11140.3
-37.5°	3679.6	4166.3	4714.1	5288.0	5982.9	6703.3	7447.4	8155.4	8758.2	9211.5	9592.3
-40°	3251.9	3636.1	4073.9	4528.8	5040.1	5557.6	6205.5	6803.1	7295.1	7718.7	8063.8
-42.5°	2865.2	3189.5	3512.7	3885.9	4271.7	4687.7	5142.4	5584.3	5962.0	6316.5	6609.6
-45°	2531.4	2790.5	3048.2	3336.4	3619.6	3957.9	4282.7	4572.6	4878.4	5143.9	5352.9
-47.5°	2239.6	2441.5	2662.4	2878.2	3105.5	3360.3	3602.1	3822.6	4046.7	4240.9	4396.6
-50°	1980.2	2147.5	2327.9	2497.4	2681.3	2867.7	3046.5	3221.9	3392.1	3539.8	3654.8
-52.5°	1753.1	1899.4	2039.8	2174.9	2321.2	2459.1	2588.6	2733.3	2866.4	2982.8	3061.5
-55°	1559.8	1679.3	1794.4	1907.1	2017.7	2122.3	2225.4	2337.9	2440.6	2533.1	2591.6
-57.5°	1378.3	1480.0	1577.5	1669.5	1757.2	1840.3	1927.2	2013.7	2092.8	2162.6	2207.9
-60°	1213.1	1296.2	1380.5	1455.6	1526.4	1592.8	1666.0	1735.1	1799.0	1852.7	1884.0
-62.5°	1061.8	1136.3	1198.6	1258.0	1318.2	1378.0	1430.0	1481.0	1530.4	1571.9	1599.2
-65°	903.6	966.7	1019.7	1067.4	1110.6	1156.9	1201.3	1241.3	1276.9	1304.0	1321.3
-67.5°	762.1	808.5	851.0	888.9	927.4	964.5	998.6	1029.1	1055.8	1074.7	1087.1
-70°	639.1	674.6	709.3	743.8	778.1	807.1	831.8	854.5	875.1	883.7	887.5
-72.5°	531.1	562.5	593.1	623.5	652.0	674.6	692.9	709.5	724.5	711.6	689.0
-75°	433.1	460.9	489.4	516.2	541.4	558.7	572.2	584.6	595.9	567.9	529.4
-77.5°	352.9	377.3	398.4	419.4	440.1	451.1	459.7	468.1	476.2	444.9	405.4
-80°	261.8	281.5	299.4	317.0	334.3	340.9	344.7	347.3	348.7	322.0	291.0
-82.5°	176.9	187.1	196.9	207.2	217.7	223.2	227.3	230.5	232.8	213.8	192.5
-85°	99.1	102.2	104.6	106.7	108.4	111.8	115.1	118.2	120.9	111.9	102.0
-87.5°	34.1	34.1	33.9	33.6	33.3	33.4	33.4	33.3	33.1	31.7	30.1
-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: P627902 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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	0.2	0.5
62.5°	2.2	2.3	2.4	2.4	2.4	2.3	2.2	2.0	1.7	1.6	1.7
60°	4.8	2.9	2.4	2.4	2.4	2.9	4.8	6.3	7.2	9.4	10.1
57.5°	48.7	42.4	38.1	34.3	38.1	42.4	48.7	52.2	52.4	67.9	70.0
55°	324.3	302.0	274.6	242.4	274.6	302.0	324.3	330.2	316.4	288.9	260.8
52.5°	636.1	657.3	669.5	668.4	669.5	657.3	636.1	614.3	593.6	565.0	539.8
50°	837.3	848.8	849.4	839.8	849.4	848.8	837.3	818.3	794.6	761.6	708.7
47.5°	1226.7	1210.6	1183.0	1153.2	1183.0	1210.6	1226.7	1211.6	1178.2	1108.8	976.3
45°	2140.6	2192.2	2188.8	2122.8	2188.8	2192.2	2140.6	2047.0	1904.7	1775.3	1681.3
42.5°	2925.3	3002.5	3057.2	3085.0	3057.2	3002.5	2925.3	2830.7	2661.2	2464.7	2255.8
40°	3684.6	3759.2	3792.0	3790.2	3792.0	3759.2	3684.6	3557.7	3332.5	3062.2	2815.8
37.5°	4486.9	4583.4	4630.2	4607.9	4630.2	4583.4	4486.9	4356.5	4155.5	3829.1	3551.5
35°	5590.2	5680.5	5682.2	5636.3	5682.2	5680.5	5590.2	5505.8	5310.8	4899.8	4697.0
32.5°	8028.7	8059.0	7826.7	7744.4	7826.7	8059.0	8028.7	7687.9	7258.5	6845.7	6388.9
30°	10251.4	10465.8	10665.2	10765.7	10665.2	10465.8	10251.4	9977.4	9701.9	8915.6	8199.2
27.5°	11738.5	11996.3	12156.1	12166.2	12156.1	11996.3	11738.5	11407.5	10968.4	10314.0	9538.6
25°	13091.0	13379.4	13553.6	13613.2	13553.6	13379.4	13091.0	12703.2	12191.3	11518.0	10664.8
22.5°	14508.0	14847.8	15072.9	15119.0	15072.9	14847.8	14508.0	14034.7	13477.0	12778.5	11807.4
20°	16152.0	16547.5	16763.3	16754.5	16763.3	16547.5	16152.0	15545.4	14902.4	14070.4	13013.0
17.5°	18316.5	18740.6	18927.0	18845.5	18927.0	18740.6	18316.5	17533.6	16852.0	15855.5	14682.0
15°	22047.3	22934.5	22931.0	22576.9	22931.0	22934.5	22047.3	21151.5	20278.9	19006.8	17622.7
12.5°	26649.4	27310.5	27988.9	28134.8	27988.9	27310.5	26649.4	25310.4	24339.4	22370.0	20757.8
10°	28888.6	29766.8	30346.3	30331.0	30346.3	29766.8	28888.6	27615.3	26103.5	24412.3	22258.3
7.5°	30289.6	31259.8	31962.1	31947.0	31962.1	31259.8	30289.6	28995.6	27334.2	25445.2	23228.3
5°	31370.7	32446.8	33068.9	33114.9	33068.9	32446.8	31370.7	29917.4	28217.7	26193.1	23929.1
2.5°	31932.4	33055.5	33803.5	33705.0	33803.5	33055.5	31932.4	30501.4	28807.1	26722.9	24424.9
0°	32167.4	33278.9	33976.7	34277.9	33976.7	33278.9	32167.4	30742.4	28999.1	26984.0	24667.8
-2.5°	32064.7	33146.4	33917.6	33947.4	33917.6	33146.4	32064.7	30638.7	28879.9	26873.0	24603.8
-5°	31515.4	32656.7	33173.4	33447.9	33173.4	32656.7	31515.4	30102.5	28409.1	26455.9	24291.8
-7.5°	30629.4	31484.7	32141.0	32444.0	32141.0	31484.7	30629.4	29272.8	27656.7	25783.4	23660.3
-10°	29250.4	30136.0	30690.6	30940.7	30690.6	30136.0	29250.4	28085.4	26590.9	24858.6	22867.6
-12.5°	27722.9	28527.6	29054.9	29266.0	29054.9	28527.6	27722.9	26616.5	25275.6	23694.1	21879.4
-15°	26018.6	26749.2	27234.6	27437.0	27234.6	26749.2	26018.6	24965.6	23740.6	22338.1	20664.5
-17.5°	24142.5	24782.8	25266.3	25412.2	25266.3	24782.8	24142.5	23205.8	22085.6	20839.7	19412.2
-20°	22213.3	22792.1	23190.4	23277.1	23190.4	22792.1	22213.3	21431.7	20406.8	19274.6	18027.2



REPORT NUMBER: P627902 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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°	20269.5	20746.3	21069.8	21178.8	21069.8	20746.3	20269.5	19630.2	18739.5	17771.0	16604.2
-25°	18369.9	18781.4	19041.8	19139.3	19041.8	18781.4	18369.9	17803.4	17067.4	16226.5	15199.6
-27.5°	16542.9	16926.5	17165.7	17197.7	17165.7	16926.5	16542.9	16043.8	15425.3	14651.2	13729.2
-30°	14745.2	15062.1	15246.5	15324.7	15246.5	15062.1	14745.2	14329.5	13795.0	13114.1	12309.3
-32.5°	13065.2	13342.1	13507.8	13552.0	13507.8	13342.1	13065.2	12706.1	12252.8	11658.3	10899.9
-35°	11479.3	11734.9	11881.7	11869.9	11881.7	11734.9	11479.3	11140.3	10713.9	10194.4	9518.3
-37.5°	9907.2	10143.0	10276.2	10263.8	10276.2	10143.0	9907.2	9592.3	9211.5	8758.2	8155.4
-40°	8347.5	8551.0	8668.4	8696.8	8668.4	8551.0	8347.5	8063.8	7718.7	7295.1	6803.1
-42.5°	6853.2	7041.1	7135.0	7098.0	7135.0	7041.1	6853.2	6609.6	6316.5	5962.0	5584.3
-45°	5499.0	5596.2	5660.1	5699.9	5660.1	5596.2	5499.0	5352.9	5143.9	4878.4	4572.6
-47.5°	4510.6	4591.1	4634.6	4642.2	4634.6	4591.1	4510.6	4396.6	4240.9	4046.7	3822.6
-50°	3744.1	3812.7	3842.9	3834.2	3842.9	3812.7	3744.1	3654.8	3539.8	3392.1	3221.9
-52.5°	3118.1	3157.8	3184.6	3197.6	3184.6	3157.8	3118.1	3061.5	2982.8	2866.4	2733.3
-55°	2635.7	2666.6	2684.7	2690.8	2684.7	2666.6	2635.7	2591.6	2533.1	2440.6	2337.9
-57.5°	2245.6	2275.1	2285.8	2281.9	2285.8	2275.1	2245.6	2207.9	2162.6	2092.8	2013.7
-60°	1908.1	1924.9	1937.5	1944.0	1937.5	1924.9	1908.1	1884.0	1852.7	1799.0	1735.1
-62.5°	1621.0	1636.7	1649.9	1657.6	1649.9	1636.7	1621.0	1599.2	1571.9	1530.4	1481.0
-65°	1333.4	1340.3	1342.3	1339.3	1342.3	1340.3	1333.4	1321.3	1304.0	1276.9	1241.3
-67.5°	1096.3	1102.1	1106.1	1106.7	1106.1	1102.1	1096.3	1087.1	1074.7	1055.8	1029.1
-70°	891.2	893.6	890.8	883.9	890.8	893.6	891.2	887.5	883.7	875.1	854.5
-72.5°	665.8	641.3	617.0	590.1	617.0	641.3	665.8	689.0	711.6	724.5	709.5
-75°	489.5	448.2	433.2	418.7	433.2	448.2	489.5	529.4	567.9	595.9	584.6
-77.5°	364.0	321.0	309.5	298.7	309.5	321.0	364.0	405.4	444.9	476.2	468.1
-80°	258.7	225.2	217.8	210.6	217.8	225.2	258.7	291.0	322.0	348.7	347.3
-82.5°	170.0	146.6	141.9	137.1	141.9	146.6	170.0	192.5	213.8	232.8	230.5
-85°	91.5	80.5	78.3	75.9	78.3	80.5	91.5	102.0	111.9	120.9	118.2
-87.5°	28.5	26.8	26.9	26.9	26.9	26.8	28.5	30.1	31.7	33.1	33.3
-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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**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	0.5	1.0	1.5	2.0	1.9	1.8	1.8	1.7
85°	0.0	0.0	0.0	0.6	1.2	1.8	2.4	2.4	2.4	2.4	2.4
82.5°	0.0	0.0	0.0	0.6	1.3	1.9	2.4	2.4	2.4	2.4	2.4
80°	0.0	0.0	0.1	0.7	1.3	1.9	2.4	2.4	2.4	2.4	2.4
77.5°	0.0	0.0	0.1	0.7	1.3	2.0	2.4	2.4	2.4	2.4	2.4
75°	0.0	0.0	0.2	0.8	1.4	2.0	2.4	2.4	2.4	2.4	2.4
72.5°	0.0	0.0	0.2	0.7	1.4	2.1	2.4	2.4	2.4	2.4	2.4
70°	0.0	0.0	0.1	0.1	0.2	0.6	1.4	2.0	2.3	2.4	2.4
67.5°	0.0	0.0	0.4	1.0	1.2	1.2	1.1	1.2	1.9	2.4	2.4
65°	0.6	0.4	0.6	1.2	1.8	2.4	2.5	2.2	2.2	2.5	2.4
62.5°	1.9	2.4	2.2	2.0	2.1	3.0	3.1	3.3	3.0	3.7	5.5
60°	8.0	4.0	8.7	10.2	8.0	7.9	13.8	13.0	5.0	18.3	22.2
57.5°	53.7	49.5	71.0	68.9	41.1	58.8	70.3	47.1	32.8	52.1	62.8
55°	234.4	229.2	223.2	210.3	192.9	179.6	177.1	176.7	140.3	101.8	115.4
52.5°	513.9	457.4	417.1	397.4	369.2	326.7	292.5	285.8	277.1	229.4	189.5
50°	660.0	649.8	606.2	539.2	532.9	490.2	430.8	389.7	384.4	351.7	291.3
47.5°	948.3	948.2	858.7	777.0	753.3	716.0	640.8	530.1	520.0	492.1	424.7
45°	1536.6	1429.8	1379.9	1222.6	1051.6	985.7	923.0	789.8	681.0	638.2	590.8
42.5°	2081.9	1923.3	1792.0	1634.3	1446.0	1281.1	1163.4	1017.0	885.6	794.6	726.7
40°	2592.2	2336.4	2154.5	1956.0	1751.1	1546.8	1401.1	1217.2	1067.4	945.3	873.5
37.5°	3230.1	2878.3	2676.4	2367.4	2109.1	1898.0	1711.4	1477.3	1236.6	1137.2	1048.1
35°	4168.8	3752.3	3516.2	3140.3	2618.0	2431.2	2188.0	1837.5	1532.8	1362.6	1252.6
32.5°	5853.0	5230.4	4795.8	4293.8	3602.2	3110.3	2787.2	2397.3	1909.2	1664.4	1481.9
30°	7563.7	6721.8	6113.0	5603.1	4684.2	3959.2	3460.5	2908.6	2382.5	1984.8	1737.1
27.5°	8722.3	7895.1	7136.8	6404.5	5660.2	4818.5	4071.5	3362.8	2787.7	2343.0	2022.9
25°	9738.9	8803.3	7949.3	7155.8	6360.5	5542.4	4637.8	3841.5	3166.2	2657.5	2239.7
22.5°	10745.5	9750.5	8782.7	7859.8	7052.7	6177.6	5221.9	4305.6	3529.6	3002.6	2500.6
20°	11886.5	10740.8	9623.6	8751.2	7832.2	6834.0	5771.1	4897.5	4137.1	3415.2	2786.0
17.5°	13519.5	11988.4	10962.2	9979.3	8785.5	7565.5	6642.8	5726.9	4790.7	3851.1	3085.3
15°	15731.4	14149.8	12973.9	11627.2	9987.7	8727.9	7713.3	6601.1	5492.1	4366.9	3441.7
12.5°	18361.2	16442.3	15057.3	13140.0	11294.9	9932.3	8784.7	7539.9	6177.5	4833.3	3773.2
10°	20016.1	17947.6	15975.4	14134.0	12450.2	11046.9	9605.9	8085.7	6570.4	5185.1	4059.9
7.5°	20895.3	18690.6	16655.1	14813.9	13096.0	11471.4	9936.5	8405.7	6886.4	5460.0	4302.2
5°	21479.6	19242.1	17116.5	15148.2	13391.6	11756.4	10183.6	8622.5	7124.1	5662.6	4500.3
2.5°	21910.6	19601.1	17412.4	15342.3	13556.4	11928.2	10340.6	8748.8	7248.2	5771.2	4569.4
0°	22123.9	19714.7	17520.9	15471.6	13632.8	11965.4	10400.9	8794.7	7276.7	5817.4	4598.1
-2.5°	22081.1	19642.8	17428.5	15467.6	13637.8	11930.8	10409.1	8819.6	7284.6	5852.0	4618.4
-5°	21854.0	19520.3	17322.7	15359.1	13557.0	11848.5	10327.4	8765.6	7227.4	5824.5	4599.1
-7.5°	21393.9	19152.5	17020.8	15110.2	13349.4	11678.6	10161.7	8633.3	7111.7	5729.5	4541.7
-10°	20702.2	18565.0	16537.4	14729.5	13013.9	11400.9	9916.0	8409.6	6920.7	5573.4	4442.3
-12.5°	19845.9	17828.0	15894.8	14212.0	12574.1	11033.8	9583.2	8094.3	6655.2	5356.7	4300.5
-15°	18799.2	16988.2	15240.1	13608.1	12059.2	10567.7	9150.9	7701.7	6317.6	5077.6	4116.4
-17.5°	17737.9	16056.7	14416.6	12868.2	11432.3	10015.9	8641.8	7265.2	5940.9	4776.7	3900.9
-20°	16556.5	15003.8	13486.9	12082.0	10743.5	9398.1	8074.1	6750.2	5509.5	4495.1	3710.1



REPORT NUMBER: P627902 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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°	15274.1	13887.5	12514.0	11247.1	9994.4	8704.9	7437.6	6187.9	5010.9	4179.1	3493.8
-25°	13975.8	12716.3	11485.5	10319.5	9145.0	7927.3	6756.4	5615.4	4642.3	3881.0	3260.3
-27.5°	12672.3	11532.0	10396.2	9318.4	8212.7	7139.8	6069.8	5035.6	4243.1	3595.7	3042.6
-30°	11383.8	10353.5	9314.1	8285.0	7284.6	6304.8	5348.2	4564.8	3876.0	3290.9	2799.1
-32.5°	10056.3	9160.1	8213.1	7248.4	6340.2	5475.2	4748.5	4088.3	3492.9	3010.3	2582.4
-35°	8765.5	7941.1	7069.6	6240.8	5436.9	4789.1	4173.7	3633.8	3157.6	2730.2	2366.3
-37.5°	7447.4	6703.3	5982.9	5288.0	4714.1	4166.3	3679.6	3238.7	2827.3	2487.3	2174.0
-40°	6205.5	5557.6	5040.1	4528.8	4073.9	3636.1	3251.9	2873.1	2555.4	2256.2	1986.5
-42.5°	5142.4	4687.7	4271.7	3885.9	3512.7	3189.5	2865.2	2570.4	2293.1	2042.4	1818.3
-45°	4282.7	3957.9	3619.6	3336.4	3048.2	2790.5	2531.4	2288.6	2055.6	1851.0	1652.3
-47.5°	3602.1	3360.3	3105.5	2878.2	2662.4	2441.5	2239.6	2030.3	1849.6	1667.5	1501.8
-50°	3046.5	2867.7	2681.3	2497.4	2327.9	2147.5	1980.2	1815.4	1656.4	1505.3	1354.5
-52.5°	2588.6	2459.1	2321.2	2174.9	2039.8	1899.4	1753.1	1620.7	1483.6	1350.5	1218.7
-55°	2225.4	2122.3	2017.7	1907.1	1794.4	1679.3	1559.8	1440.8	1322.9	1201.6	1102.1
-57.5°	1927.2	1840.3	1757.2	1669.5	1577.5	1480.0	1378.3	1272.0	1175.5	1083.8	993.4
-60°	1666.0	1592.8	1526.4	1455.6	1380.5	1296.2	1213.1	1129.6	1045.9	966.3	888.8
-62.5°	1430.0	1378.0	1318.2	1258.0	1198.6	1136.3	1061.8	988.1	917.2	848.9	785.0
-65°	1201.3	1156.9	1110.6	1067.4	1019.7	966.7	903.6	846.0	790.4	734.2	681.3
-67.5°	998.6	964.5	927.4	888.9	851.0	808.5	762.1	714.3	669.6	623.6	584.2
-70°	831.8	807.1	778.1	743.8	709.3	674.6	639.1	601.5	560.9	519.7	487.8
-72.5°	692.9	674.6	652.0	623.5	593.1	562.5	531.1	497.8	461.9	423.6	393.1
-75°	572.2	558.7	541.4	516.2	489.4	460.9	433.1	402.7	367.9	328.6	297.8
-77.5°	459.7	451.1	440.1	419.4	398.4	377.3	352.9	317.4	282.2	248.7	225.9
-80°	344.7	340.9	334.3	317.0	299.4	281.5	261.8	234.8	209.0	184.9	166.3
-82.5°	227.3	223.2	217.7	207.2	196.9	187.1	176.9	158.7	140.8	123.4	108.4
-85°	115.1	111.8	108.4	106.7	104.6	102.2	99.1	88.7	78.7	69.2	60.9
-87.5°	33.4	33.4	33.3	33.6	33.9	34.1	34.1	31.5	29.1	26.6	24.3
-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: P627902 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
85°	2.4	2.4	2.4	2.4	2.4	2.4	2.2	2.0	1.8	1.6	1.4
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.6	2.4	2.4	2.4
67.5°	2.4	2.4	2.4	2.5	2.4	2.4	2.4	3.0	3.1	2.4	2.4
65°	2.4	2.4	2.5	3.6	3.3	2.4	2.4	4.7	4.0	3.5	2.4
62.5°	4.7	2.4	6.3	8.5	5.5	4.4	3.5	10.2	6.5	4.6	3.3
60°	11.1	9.0	17.0	26.1	18.8	7.3	10.7	17.5	16.2	5.9	4.6
57.5°	56.7	25.8	38.2	49.7	47.4	26.6	21.6	30.0	27.3	15.9	6.3
55°	117.6	100.0	79.5	79.1	80.0	63.3	45.0	46.5	41.2	29.2	9.3
52.5°	178.7	173.2	154.2	125.6	115.3	104.2	85.3	65.9	61.1	43.7	23.0
50°	254.8	240.8	225.8	196.5	159.2	144.6	125.1	100.6	83.2	61.1	38.1
47.5°	341.7	317.5	294.8	266.5	225.7	187.3	165.5	136.5	107.5	83.9	53.3
45°	477.5	398.7	368.0	335.2	293.3	245.3	207.6	172.0	139.3	106.8	68.7
42.5°	616.9	507.3	443.0	406.0	362.2	308.1	251.3	211.3	170.7	129.6	86.7
40°	757.3	621.5	524.2	478.0	433.4	370.8	307.0	252.4	201.3	153.3	106.5
37.5°	909.0	749.5	617.7	552.9	505.8	438.2	363.7	294.4	232.9	179.0	126.0
35°	1097.6	901.2	719.6	639.4	576.3	506.9	419.7	340.0	270.4	204.8	145.3
32.5°	1309.8	1068.5	865.5	733.7	647.9	576.9	479.4	391.4	309.1	230.7	164.2
30°	1520.9	1240.8	1004.0	827.3	724.1	642.4	542.9	443.2	348.5	256.5	183.5
27.5°	1682.0	1389.5	1133.6	939.5	808.3	707.7	606.2	495.2	388.6	284.8	204.5
25°	1846.5	1527.2	1259.3	1049.5	890.9	774.3	667.1	547.2	431.2	317.5	225.1
22.5°	2038.7	1657.9	1365.4	1148.8	978.3	841.8	725.3	599.9	474.4	349.8	245.1
20°	2226.8	1778.5	1463.0	1264.7	1073.9	917.3	782.3	650.1	516.7	381.6	264.5
17.5°	2419.5	1947.8	1625.0	1384.7	1172.6	991.8	838.6	697.6	557.7	412.6	283.1
15°	2710.0	2174.3	1788.4	1503.2	1268.1	1064.9	893.7	742.5	597.2	442.5	299.6
12.5°	2983.7	2387.4	1946.8	1619.0	1359.7	1135.8	947.2	784.5	635.0	467.3	313.4
10°	3225.6	2585.7	2098.6	1730.7	1446.7	1203.8	998.5	817.5	657.3	487.2	325.8
7.5°	3436.2	2767.8	2241.8	1837.0	1520.9	1249.8	1024.6	834.8	674.3	504.6	336.6
5°	3597.3	2891.6	2320.5	1879.4	1548.8	1270.9	1043.2	848.7	687.8	519.4	345.9
2.5°	3650.6	2932.9	2351.6	1903.4	1569.1	1286.0	1057.6	859.4	698.0	531.7	353.7
0°	3675.1	2952.8	2367.6	1917.1	1581.7	1295.2	1067.5	866.7	705.1	541.1	359.9
-2.5°	3702.1	2980.0	2390.1	1938.4	1594.8	1307.9	1078.0	878.2	715.3	551.7	370.3
-5°	3700.2	2985.1	2397.4	1948.7	1600.0	1314.7	1084.0	886.4	722.6	559.4	378.9
-7.5°	3661.1	2961.9	2388.1	1946.7	1597.1	1315.4	1085.7	891.2	727.2	564.3	385.8
-10°	3591.2	2913.9	2361.2	1929.0	1586.6	1309.7	1083.1	892.7	729.0	566.4	390.6
-12.5°	3492.6	2845.5	2317.9	1900.2	1567.8	1297.4	1075.1	888.6	727.9	565.7	393.4
-15°	3366.0	2757.5	2258.2	1860.3	1540.5	1279.2	1062.4	880.0	721.6	561.6	393.9
-17.5°	3213.0	2650.6	2181.9	1809.4	1504.8	1255.0	1044.9	868.0	713.0	554.4	393.2
-20°	3070.8	2538.0	2093.9	1747.6	1460.6	1224.8	1022.6	852.8	702.2	545.3	391.3

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REPORT NUMBER: P627902 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	2912.0	2421.1	2015.9	1688.4	1413.9	1188.9	995.5	834.3	689.4	534.5	387.8
-25°	2730.2	2288.6	1926.7	1622.6	1368.5	1154.5	967.7	812.5	674.7	522.3	382.6
-27.5°	2559.3	2152.0	1826.8	1546.5	1316.0	1114.9	940.2	792.5	657.7	508.7	375.8
-30°	2385.1	2033.0	1731.0	1466.9	1258.0	1070.7	909.2	770.9	638.6	496.7	367.5
-32.5°	2207.9	1903.3	1628.5	1398.0	1201.9	1023.2	875.4	747.8	618.7	484.9	360.6
-35°	2055.5	1775.7	1518.3	1323.8	1144.4	982.8	841.7	723.2	598.1	471.4	353.1
-37.5°	1893.4	1646.2	1432.6	1250.1	1082.8	938.6	809.3	694.3	576.9	456.4	344.0
-40°	1748.4	1525.5	1340.3	1178.8	1027.3	890.9	773.2	663.5	557.2	439.9	333.4
-42.5°	1600.6	1415.7	1250.3	1102.1	971.6	847.1	733.9	630.7	531.5	424.6	321.2
-45°	1471.2	1303.3	1157.1	1032.5	913.4	799.4	695.5	596.6	504.1	408.9	308.5
-47.5°	1337.4	1194.9	1070.2	959.8	856.0	749.9	655.1	565.0	475.6	391.4	295.5
-50°	1212.7	1092.3	988.5	889.6	792.7	703.6	614.5	532.5	449.7	368.4	281.0
-52.5°	1101.7	1001.4	909.1	818.9	735.8	655.3	578.2	499.4	422.7	345.5	264.9
-55°	1003.7	914.2	831.1	753.2	678.7	612.2	541.2	468.2	394.5	321.9	247.6
-57.5°	909.8	829.2	758.6	689.3	625.8	567.9	505.0	436.0	366.1	297.1	232.3
-60°	815.4	750.6	687.7	629.6	574.6	522.1	468.6	402.7	336.7	271.6	213.7
-62.5°	725.0	670.6	622.2	571.0	520.7	474.5	431.1	368.4	306.0	246.4	193.2
-65°	636.2	594.5	555.5	507.4	463.7	425.0	389.1	332.8	273.8	219.6	171.7
-67.5°	548.2	514.0	479.0	440.1	407.6	376.1	344.2	293.3	239.7	191.3	150.0
-70°	459.5	430.4	405.5	380.7	353.8	326.0	294.3	250.8	203.9	164.5	127.5
-72.5°	372.5	354.7	339.8	322.4	299.6	273.3	243.5	208.0	171.5	136.9	104.4
-75°	286.9	283.2	278.7	267.5	245.6	221.0	196.9	169.7	138.3	108.6	85.1
-77.5°	226.0	224.5	221.4	213.5	194.3	174.3	153.3	130.5	106.7	86.3	66.8
-80°	167.3	167.1	165.7	160.9	144.5	127.5	112.9	98.3	80.8	64.2	48.3
-82.5°	110.0	111.7	112.4	110.9	99.8	89.0	78.5	68.1	54.6	41.7	32.3
-85°	62.8	64.0	64.3	63.5	56.7	50.1	45.7	41.3	34.1	27.5	21.6
-87.5°	26.1	27.6	28.7	29.5	27.3	25.1	22.9	20.7	17.1	13.8	10.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627902 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
80°	2.4	2.1	1.7	1.2	0.8	0.4	0.0
77.5°	2.4	2.4	2.1	1.6	1.0	0.5	0.0
75°	2.4	2.4	2.4	1.9	1.2	0.6	0.0
72.5°	2.4	2.4	2.4	2.2	1.4	0.7	0.0
70°	2.4	2.4	2.4	2.4	1.6	0.8	0.0
67.5°	2.6	2.4	2.4	2.4	1.8	0.9	0.0
65°	2.9	2.7	2.4	2.4	2.0	1.0	0.0
62.5°	3.3	3.2	2.4	2.4	2.2	1.1	0.0
60°	3.8	3.9	2.4	2.4	2.4	1.2	0.0
57.5°	6.6	4.6	3.1	2.4	2.4	1.3	0.0
55°	10.1	5.4	3.8	2.4	2.5	1.4	0.0
52.5°	14.1	6.7	4.6	2.4	2.5	1.5	0.0
50°	18.7	11.0	5.4	2.4	2.6	1.5	0.0
47.5°	24.9	15.5	6.3	2.6	2.6	1.6	0.0
45°	38.2	20.4	7.2	3.2	2.7	1.7	0.0
42.5°	51.4	25.5	8.1	3.9	2.8	1.8	0.0
40°	64.5	30.8	10.7	4.8	2.9	1.8	0.0
37.5°	77.6	36.4	14.9	5.9	3.0	1.9	0.0
35°	90.5	45.3	19.1	7.0	3.1	2.0	0.0
32.5°	104.2	55.5	23.4	8.3	3.2	2.0	0.0
30°	119.5	65.5	27.7	9.6	3.3	2.1	0.0
27.5°	134.3	75.1	32.7	11.0	3.4	2.1	0.0
25°	148.6	84.4	37.6	12.4	3.6	2.2	0.0
22.5°	162.3	93.5	42.4	13.9	3.7	2.2	0.0
20°	175.4	102.3	47.0	15.5	3.8	2.3	0.0
17.5°	187.5	110.6	51.5	17.0	4.0	2.3	0.0
15°	198.6	118.3	55.8	18.6	4.1	2.3	0.0
12.5°	208.8	125.5	59.9	20.1	4.3	2.3	0.0
10°	218.0	132.1	63.7	21.6	4.4	2.4	0.0
7.5°	226.3	138.0	67.2	23.0	4.5	2.4	0.0
5°	233.5	143.3	70.4	24.4	4.7	2.4	0.0
2.5°	239.7	147.9	73.3	25.7	4.8	2.4	0.0
0°	244.8	151.8	75.9	26.9	4.9	2.4	0.0
-2.5°	251.5	156.6	79.4	28.6	5.6	2.6	0.0
-5°	257.0	160.6	82.4	30.2	6.4	2.7	0.0
-7.5°	261.4	163.8	85.0	31.6	7.1	2.9	0.0
-10°	264.5	166.3	87.2	32.8	7.7	3.0	0.0
-12.5°	266.3	167.9	88.8	33.9	8.4	3.1	0.0
-15°	266.9	168.7	89.8	34.8	9.0	3.2	0.0
-17.5°	266.1	168.6	90.3	35.4	9.6	3.4	0.0
-20°	265.4	167.6	90.2	35.9	10.1	3.4	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	265.5	165.8	89.5	36.1	10.5	3.5	0.0
-25°	264.3	165.2	88.1	36.1	10.9	3.6	0.0
-27.5°	261.8	164.4	86.1	35.8	11.2	3.6	0.0
-30°	257.9	162.7	83.6	35.3	11.5	3.7	0.0
-32.5°	252.7	159.9	82.6	34.6	11.7	3.7	0.0
-35°	247.8	156.1	80.8	33.6	11.8	3.7	0.0
-37.5°	242.2	151.9	78.4	32.3	11.8	3.7	0.0
-40°	235.2	148.2	75.3	30.8	11.8	3.7	0.0
-42.5°	226.9	143.5	73.1	29.3	11.7	3.6	0.0
-45°	217.2	137.9	71.6	28.2	11.5	3.5	0.0
-47.5°	206.3	131.4	69.4	26.7	11.2	3.5	0.0
-50°	196.7	124.0	66.5	26.2	10.9	3.4	0.0
-52.5°	186.3	115.6	62.9	25.8	10.5	3.2	0.0
-55°	174.8	108.8	58.5	25.2	10.0	3.1	0.0
-57.5°	162.2	101.5	53.5	24.1	9.4	3.0	0.0
-60°	148.7	93.1	47.9	22.8	8.8	2.8	0.0
-62.5°	135.7	83.7	44.6	21.2	8.3	2.6	0.0
-65°	121.4	73.4	40.8	19.3	7.7	2.4	0.0
-67.5°	105.9	64.3	36.5	17.2	7.1	2.2	0.0
-70°	89.2	56.4	31.7	14.8	6.4	2.0	0.0
-72.5°	75.9	47.8	26.6	13.1	5.7	1.8	0.0
-75°	62.3	38.7	21.1	11.4	4.9	1.5	0.0
-77.5°	48.0	29.2	17.5	9.7	4.2	1.3	0.0
-80°	33.1	22.3	14.2	7.8	3.4	1.0	0.0
-82.5°	24.4	16.9	10.7	5.9	2.5	0.8	0.0
-85°	16.4	11.3	7.2	4.0	1.7	0.5	0.0
-87.5°	8.2	5.7	3.6	2.0	0.9	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)