

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: P627012 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-722-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627012 (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-SA2E-722-U-WR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (32) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

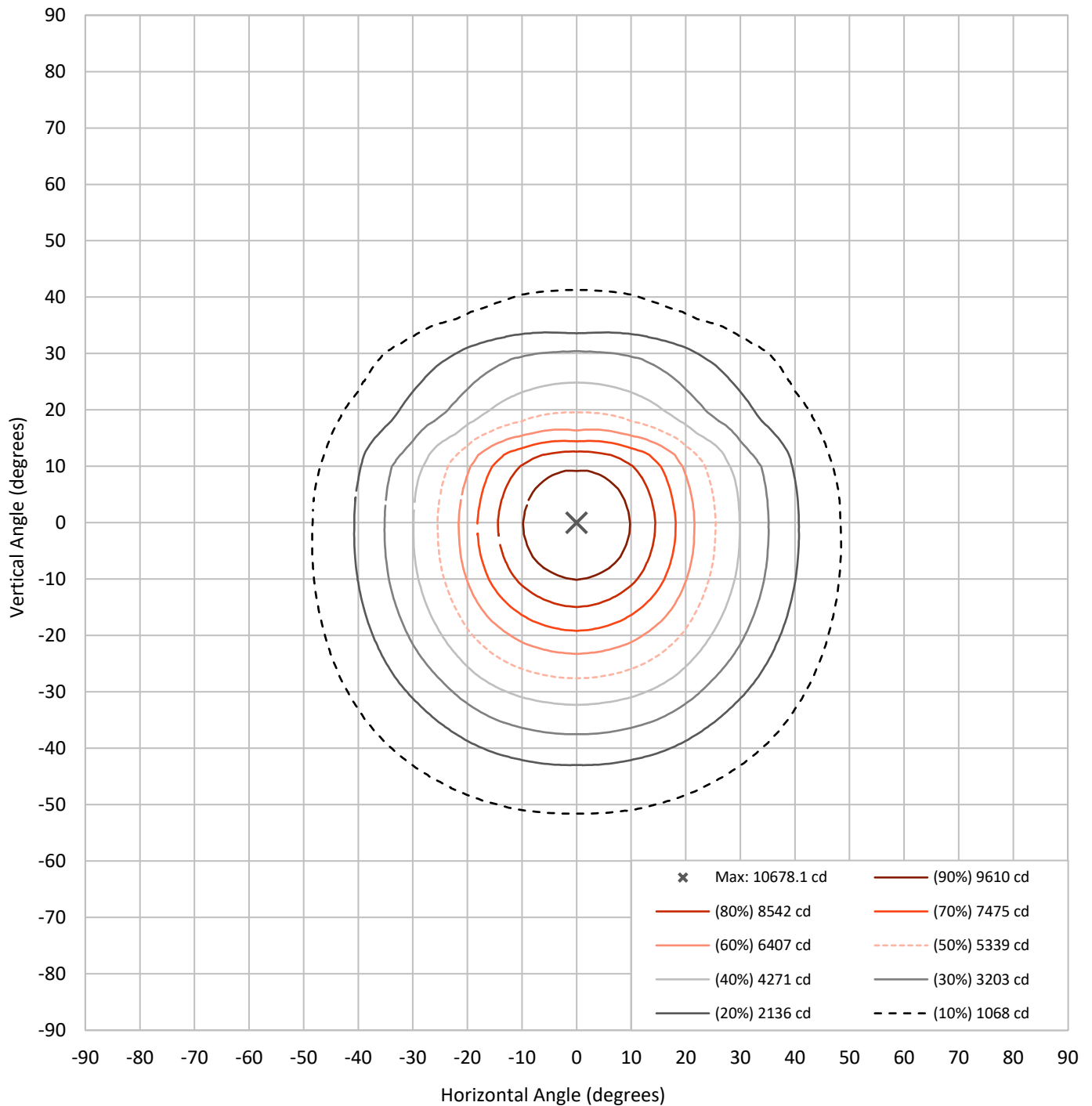
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	9420.4 lumens	Max Intensity:	10678.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	74.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	4535.5 lumens	Field Lumens:	8434.5 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	125.7		
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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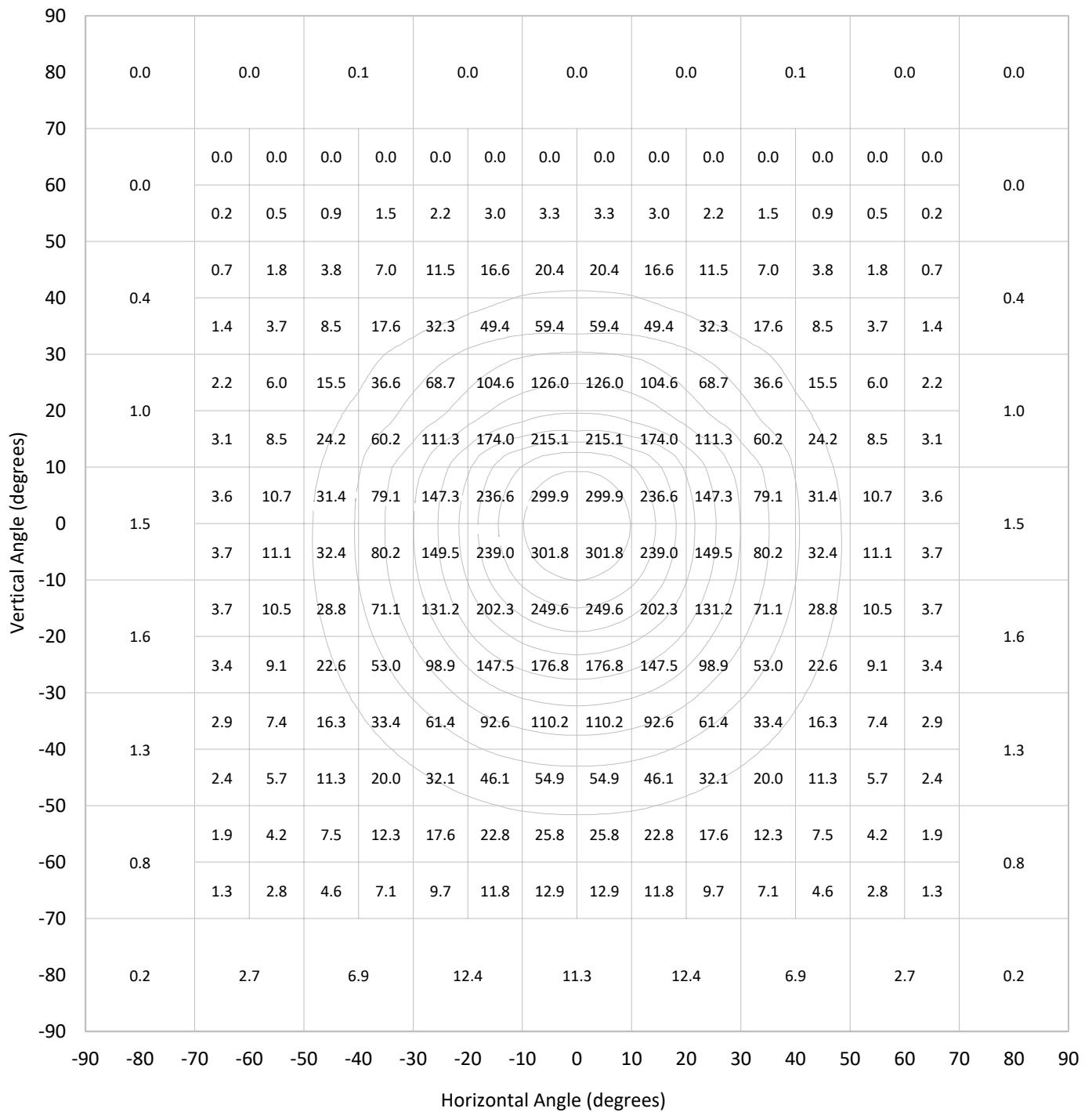
### Iso-Candela Plot





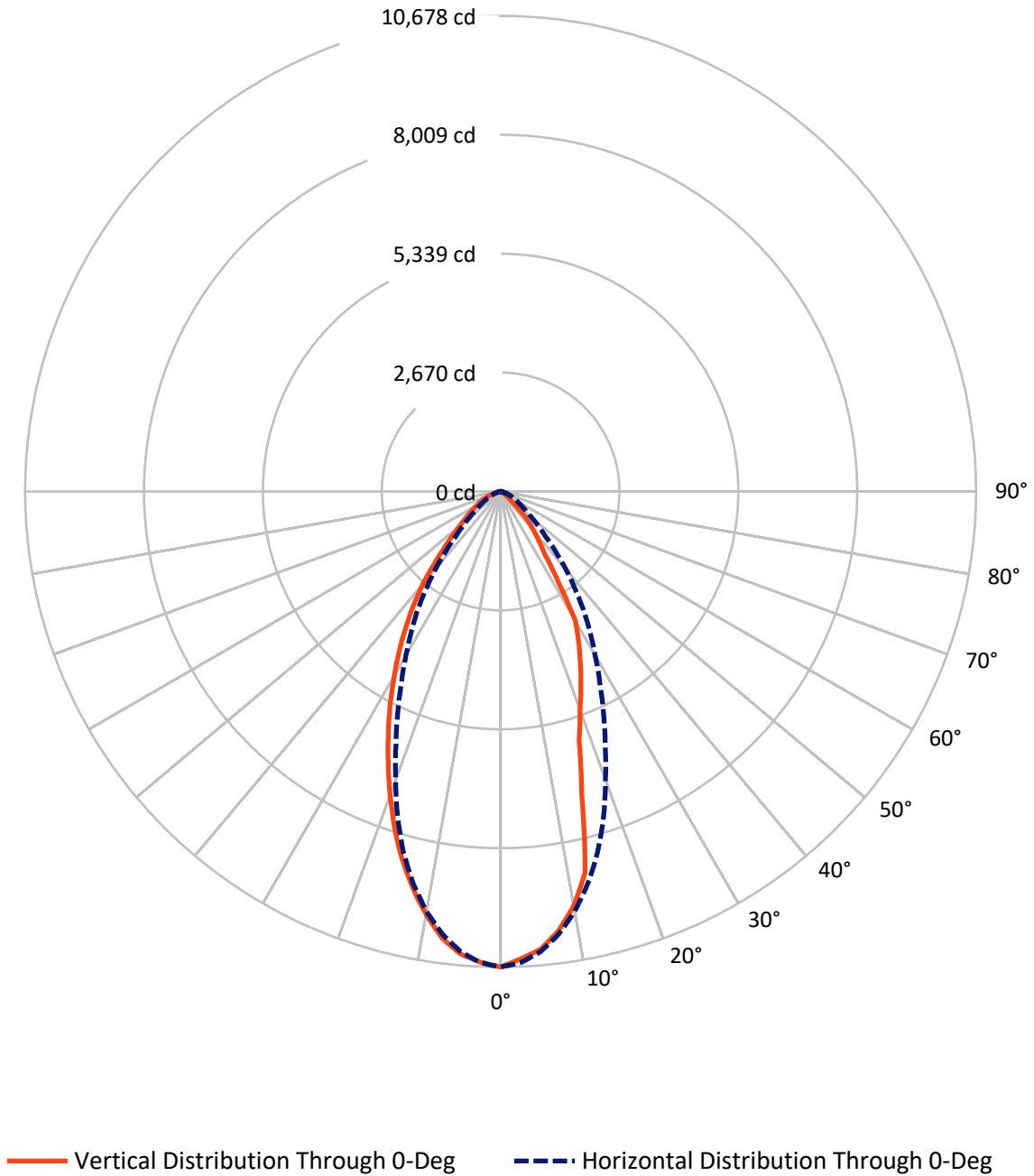
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### Lumen Table



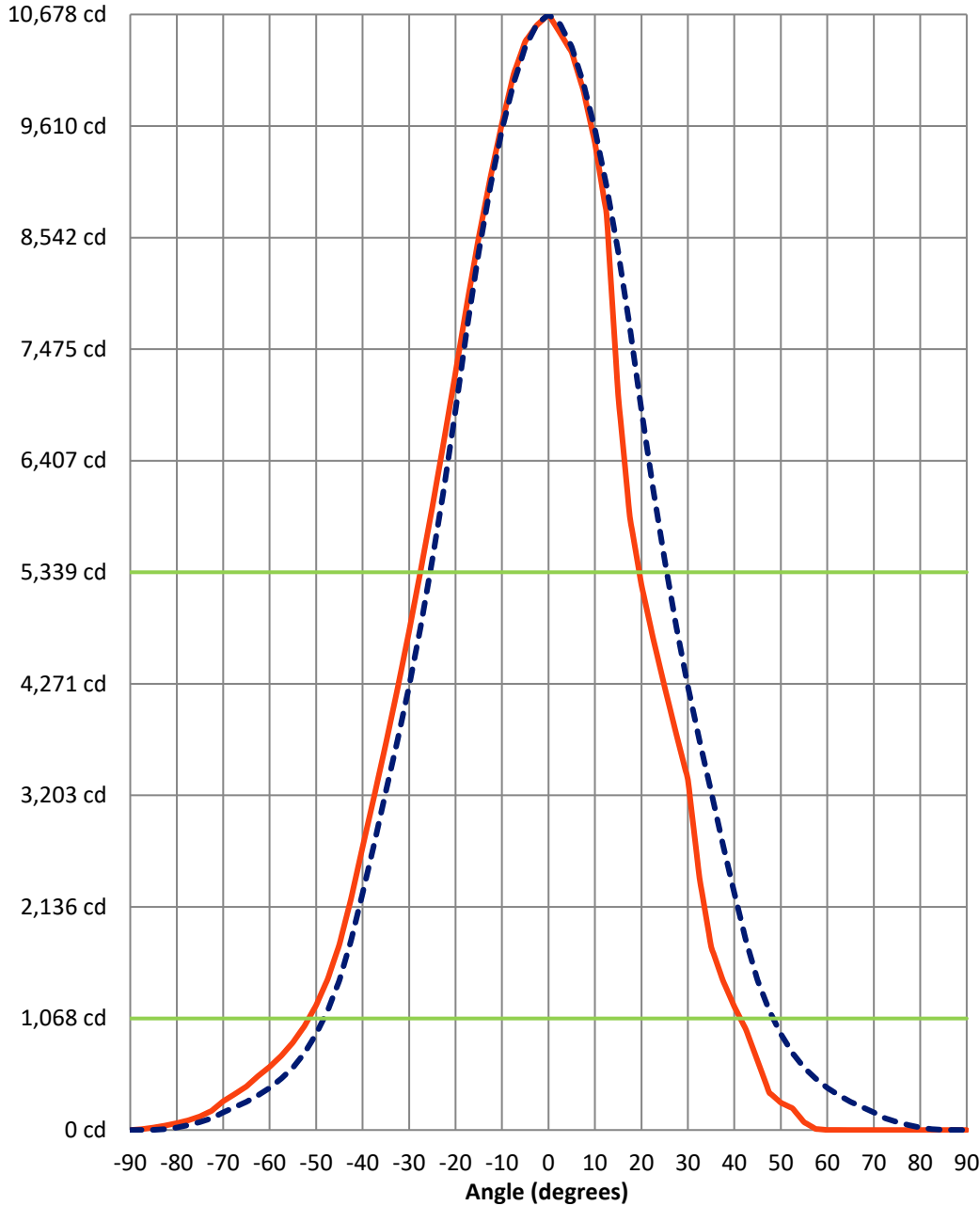
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 4535.5  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 8434.5  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 986  
 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	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
85°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.8
80°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.8
77.5°	0.0	0.2	0.3	0.5	0.7	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9
67.5°	0.0	0.3	0.6	0.8	0.8	0.8	0.9	0.8	0.8	1.0	1.0
65°	0.0	0.3	0.7	0.8	0.8	0.9	1.0	0.8	1.1	1.3	1.5
62.5°	0.0	0.4	0.7	0.8	0.8	1.1	1.1	1.1	1.5	2.1	3.2
60°	0.0	0.4	0.8	0.8	0.8	1.3	1.2	1.5	1.9	5.1	5.5
57.5°	0.0	0.4	0.8	0.8	1.0	1.5	2.1	2.0	5.0	8.5	9.4
55°	0.0	0.5	0.8	0.8	1.2	1.7	3.2	2.9	9.1	12.8	14.5
52.5°	0.0	0.5	0.8	0.8	1.5	2.2	4.4	7.2	13.6	19.1	20.6
50°	0.0	0.5	0.8	0.8	1.7	3.5	5.9	11.9	19.0	25.9	31.4
47.5°	0.0	0.5	0.9	0.9	2.0	4.9	7.8	16.6	26.1	33.5	42.5
45°	0.0	0.6	0.9	1.1	2.3	6.4	11.9	21.4	33.3	43.4	53.6
42.5°	0.0	0.6	0.9	1.3	2.6	8.0	16.0	27.0	40.4	53.2	65.8
40°	0.0	0.6	0.9	1.5	3.4	9.6	20.1	33.2	47.8	62.7	78.6
37.5°	0.0	0.6	1.0	1.9	4.7	11.4	24.2	39.3	55.8	72.5	91.7
35°	0.0	0.7	1.0	2.2	6.0	14.1	28.2	45.3	63.8	84.2	105.9
32.5°	0.0	0.7	1.0	2.6	7.3	17.3	32.5	51.2	71.8	96.2	121.9
30°	0.0	0.7	1.1	3.0	8.7	20.4	37.2	57.2	79.9	108.5	138.1
27.5°	0.0	0.7	1.1	3.5	10.2	23.4	41.9	63.7	88.7	121.0	154.3
25°	0.0	0.7	1.1	3.9	11.7	26.3	46.3	70.1	98.9	134.3	170.5
22.5°	0.0	0.7	1.2	4.4	13.2	29.1	50.6	76.4	109.0	147.8	186.9
20°	0.0	0.8	1.2	4.8	14.7	31.9	54.6	82.4	118.9	161.0	202.5
17.5°	0.0	0.8	1.2	5.3	16.1	34.5	58.4	88.2	128.5	173.7	217.3
15°	0.0	0.8	1.3	5.8	17.4	36.9	61.9	93.3	137.8	186.1	231.3
12.5°	0.0	0.8	1.3	6.3	18.6	39.1	65.1	97.6	145.6	197.8	244.4
10°	0.0	0.8	1.4	6.8	19.8	41.2	67.9	101.5	151.7	204.8	254.7
7.5°	0.0	0.8	1.4	7.2	20.9	43.0	70.5	104.8	157.2	210.1	260.1
5°	0.0	0.8	1.4	7.6	21.9	44.7	72.8	107.7	161.8	214.3	264.4
2.5°	0.0	0.8	1.5	8.0	22.8	46.1	74.7	110.2	165.6	217.5	267.7
0°	0.0	0.8	1.5	8.4	23.6	47.3	76.3	112.1	168.6	219.7	270.0
-2.5°	0.0	0.8	1.7	8.9	24.7	48.8	78.4	115.3	171.9	222.9	273.6
-5°	0.0	0.9	2.0	9.4	25.6	50.0	80.1	118.0	174.3	225.1	276.1
-7.5°	0.0	0.9	2.2	9.9	26.5	51.1	81.5	120.1	175.8	226.5	277.6
-10°	0.0	1.0	2.4	10.2	27.1	51.8	82.4	121.7	176.5	227.1	278.0
-12.5°	0.0	1.0	2.6	10.6	27.6	52.3	83.0	122.5	176.3	226.7	276.8
-15°	0.0	1.1	2.8	10.8	28.0	52.6	83.2	122.7	175.0	224.8	274.1
-17.5°	0.0	1.1	3.0	11.1	28.1	52.5	82.9	122.5	172.7	222.1	270.4
-20°	0.0	1.1	3.1	11.2	28.1	52.2	82.7	121.9	169.9	218.8	265.6

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.1	3.3	11.3	27.9	51.7	82.7	120.8	166.5	214.8	259.9
-25°	0.0	1.2	3.4	11.3	27.5	51.5	82.4	119.2	162.7	210.2	253.1
-27.5°	0.0	1.2	3.5	11.2	26.8	51.2	81.6	117.1	158.5	204.9	246.9
-30°	0.0	1.2	3.6	11.0	26.1	50.7	80.4	114.5	154.7	199.0	240.2
-32.5°	0.0	1.2	3.7	10.8	25.7	49.8	78.8	112.4	151.0	192.8	233.0
-35°	0.0	1.2	3.7	10.5	25.2	48.6	77.2	110.0	146.9	186.3	225.3
-37.5°	0.0	1.2	3.7	10.1	24.4	47.3	75.5	107.2	142.2	179.8	216.3
-40°	0.0	1.2	3.7	9.6	23.5	46.2	73.3	103.9	137.1	173.6	206.7
-42.5°	0.0	1.2	3.7	9.2	22.8	44.7	70.7	100.1	132.3	165.6	196.5
-45°	0.0	1.1	3.6	8.8	22.3	43.0	67.7	96.1	127.4	157.0	185.9
-47.5°	0.0	1.1	3.5	8.4	21.7	41.0	64.3	92.1	121.9	148.2	176.0
-50°	0.0	1.1	3.4	8.2	20.8	38.6	61.3	87.5	114.8	140.1	165.9
-52.5°	0.0	1.0	3.3	8.1	19.6	36.1	58.1	82.5	107.6	131.7	155.6
-55°	0.0	1.0	3.2	7.9	18.3	33.9	54.5	77.1	100.3	122.9	145.9
-57.5°	0.0	1.0	3.0	7.6	16.7	31.6	50.6	72.4	92.6	114.1	135.8
-60°	0.0	0.9	2.8	7.2	15.0	29.0	46.4	66.6	84.6	104.9	125.5
-62.5°	0.0	0.8	2.6	6.7	13.9	26.1	42.3	60.2	76.8	95.4	114.8
-65°	0.0	0.8	2.4	6.1	12.7	22.9	37.9	53.5	68.4	85.3	103.7
-67.5°	0.0	0.7	2.2	5.4	11.4	20.1	33.0	46.8	59.6	74.7	91.4
-70°	0.0	0.6	2.0	4.7	9.9	17.6	27.8	39.8	51.3	63.5	78.1
-72.5°	0.0	0.6	1.8	4.1	8.3	14.9	23.7	32.5	42.7	53.4	64.7
-75°	0.0	0.5	1.6	3.6	6.6	12.1	19.4	26.5	33.8	43.1	52.8
-77.5°	0.0	0.4	1.3	3.0	5.5	9.1	15.0	20.8	26.9	33.2	40.6
-80°	0.0	0.3	1.1	2.5	4.4	7.0	10.3	15.0	20.0	25.2	30.6
-82.5°	0.0	0.3	0.8	1.9	3.3	5.3	7.6	10.1	13.0	17.0	21.2
-85°	0.0	0.2	0.5	1.2	2.2	3.5	5.1	6.7	8.6	10.6	12.9
-87.5°	0.0	0.1	0.3	0.6	1.1	1.8	2.6	3.4	4.3	5.3	6.5
-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: P627012 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
85°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
67.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.4
65°	0.8	0.8	1.1	1.2	0.8	0.8	0.8	0.8	0.8	0.7	0.7
62.5°	1.2	1.4	1.7	2.7	2.0	0.8	1.5	1.8	1.2	1.0	1.0
60°	3.4	2.3	5.9	8.2	5.3	2.8	3.5	6.9	5.7	1.5	4.0
57.5°	6.8	8.3	14.8	15.5	11.9	8.0	17.6	19.6	16.2	10.2	14.7
55°	14.1	19.7	25.0	24.6	24.8	31.1	36.6	35.9	31.7	43.7	55.0
52.5°	26.6	32.5	35.9	39.1	48.0	54.0	55.6	59.0	71.4	86.3	89.0
50°	39.0	45.1	49.6	61.2	70.3	75.0	79.3	90.7	109.5	119.7	121.4
47.5°	51.6	58.3	70.3	83.0	91.8	98.9	106.4	132.3	153.3	162.0	165.2
45°	64.7	76.4	91.4	104.4	114.6	124.2	148.7	184.0	198.8	212.1	246.1
42.5°	78.3	96.0	112.8	126.5	138.0	158.0	192.2	226.4	247.5	275.9	316.8
40°	95.6	115.5	135.0	148.9	163.3	193.6	235.9	272.1	294.5	332.5	379.2
37.5°	113.3	136.5	157.6	172.2	192.5	233.5	283.1	326.5	354.3	385.2	460.2
35°	130.8	157.9	179.5	199.2	224.2	280.7	341.9	390.2	424.5	477.5	572.4
32.5°	149.4	179.7	201.8	228.6	269.6	332.8	408.0	461.6	518.5	594.8	746.8
30°	169.1	200.1	225.6	257.7	312.8	386.5	473.8	541.1	618.3	742.2	906.1
27.5°	188.9	220.4	251.8	292.7	353.1	432.8	523.9	630.2	729.9	868.4	1047.6
25°	207.8	241.2	277.5	327.0	392.3	475.7	575.2	697.7	827.9	986.3	1196.7
22.5°	225.9	262.2	304.8	357.9	425.3	516.4	635.1	779.0	935.4	1099.5	1341.3
20°	243.7	285.7	334.6	394.0	455.7	554.0	693.7	867.9	1063.9	1288.8	1525.7
17.5°	261.2	309.0	365.3	431.4	506.2	606.8	753.7	961.1	1199.7	1492.3	1784.1
15°	278.4	331.7	395.0	468.3	557.1	677.3	844.2	1072.2	1360.4	1710.9	2056.4
12.5°	295.1	353.8	423.6	504.3	606.5	743.7	929.5	1175.4	1505.6	1924.4	2348.8
10°	311.1	375.0	450.6	539.1	653.8	805.5	1004.9	1264.7	1615.2	2046.8	2518.8
7.5°	319.2	389.3	473.8	572.3	698.4	862.2	1070.4	1340.2	1700.9	2145.2	2618.5
5°	325.0	395.9	482.5	585.5	722.9	900.8	1120.6	1402.0	1764.0	2219.2	2686.1
2.5°	329.4	400.6	488.8	592.9	732.6	913.6	1137.2	1423.5	1797.8	2257.9	2725.4
0°	332.5	403.5	492.7	597.2	737.6	919.8	1144.8	1432.4	1812.2	2266.8	2739.7
-2.5°	335.8	407.4	496.8	603.9	744.6	928.3	1153.3	1438.8	1823.0	2269.3	2747.4
-5°	337.7	409.6	498.4	607.1	746.9	929.9	1152.7	1432.7	1814.4	2251.5	2730.6
-7.5°	338.2	409.8	497.5	606.5	744.0	922.7	1140.5	1414.9	1784.8	2215.4	2689.4
-10°	337.4	408.0	494.3	600.9	735.6	907.7	1118.7	1383.9	1736.2	2155.9	2619.7
-12.5°	334.9	404.2	488.4	592.0	722.1	886.4	1088.0	1339.7	1668.7	2073.2	2521.5
-15°	330.9	398.5	479.9	579.5	703.5	859.0	1048.6	1282.3	1581.8	1968.0	2399.2
-17.5°	325.5	390.9	468.8	563.7	679.7	825.7	1000.9	1215.2	1488.0	1850.7	2263.2
-20°	318.5	381.5	455.0	544.4	652.3	790.7	956.6	1155.8	1400.3	1716.3	2102.8

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	310.1	370.3	440.4	526.0	628.0	754.2	907.1	1088.4	1301.8	1560.9	1927.6
-25°	301.4	359.6	426.3	505.4	600.2	712.9	850.5	1015.6	1208.9	1446.1	1749.3
-27.5°	292.9	347.3	409.9	481.8	569.1	670.4	797.3	947.8	1120.1	1321.8	1568.7
-30°	283.2	333.5	391.9	456.9	539.2	633.3	743.0	872.0	1025.2	1207.4	1422.0
-32.5°	272.7	318.8	374.4	435.5	507.3	592.9	687.8	804.4	937.7	1088.1	1273.6
-35°	262.2	306.2	356.5	412.4	473.0	553.1	640.3	737.1	850.5	983.6	1132.0
-37.5°	252.1	292.4	337.3	389.4	446.3	512.8	589.8	677.2	774.8	880.7	1008.9
-40°	240.9	277.5	320.1	367.3	417.5	475.2	544.7	618.8	702.8	796.0	895.0
-42.5°	228.7	263.9	302.7	343.4	389.5	441.0	498.6	566.5	636.2	714.3	800.7
-45°	216.7	249.0	284.5	321.6	360.5	406.0	458.3	514.8	576.6	640.4	712.9
-47.5°	204.1	233.6	266.7	299.0	333.4	372.2	416.6	467.8	519.4	576.2	632.5
-50°	191.5	219.2	247.0	277.1	307.9	340.3	377.8	421.9	468.9	516.0	565.5
-52.5°	180.2	204.2	229.2	255.1	283.2	311.9	343.2	379.6	420.7	462.2	504.9
-55°	168.6	190.7	211.5	234.6	258.9	284.8	312.6	343.3	374.3	412.1	448.8
-57.5°	157.3	176.9	195.0	214.7	236.3	258.3	283.4	309.5	337.6	366.2	396.2
-60°	146.0	162.7	179.0	196.1	214.2	233.8	254.0	276.9	301.0	325.8	351.9
-62.5°	134.3	147.8	162.3	177.9	193.8	208.9	225.8	244.5	264.4	285.7	307.8
-65°	121.2	132.4	144.5	158.1	173.1	185.2	198.2	212.2	228.7	246.2	263.5
-67.5°	107.3	117.2	127.0	137.1	149.3	160.1	170.8	182.0	194.3	208.6	222.5
-70°	91.7	101.6	110.2	118.6	126.3	134.1	143.2	152.0	161.9	174.7	187.4
-72.5°	75.8	85.1	93.3	100.4	105.9	110.5	116.1	122.5	132.0	143.9	155.1
-75°	61.3	68.8	76.5	83.3	86.8	88.2	89.4	92.8	102.4	114.6	125.5
-77.5°	47.7	54.2	60.5	66.5	68.9	69.9	70.4	70.4	77.5	87.9	98.9
-80°	35.2	39.7	45.0	50.1	51.6	52.1	52.1	51.8	57.6	65.2	73.2
-82.5°	24.4	27.7	31.1	34.5	35.0	34.8	34.2	33.8	38.5	43.9	49.5
-85°	14.3	15.6	17.7	19.8	20.0	19.9	19.6	19.0	21.6	24.5	27.6
-87.5°	7.1	7.8	8.5	9.2	8.9	8.6	8.1	7.6	8.3	9.1	9.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627012 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.8	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.8	0.7	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.8	0.7	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.8	0.8	0.6	0.4	0.2	0.1	0.2	0.2	0.1	0.0	0.0
62.5°	1.0	1.0	0.7	0.7	0.7	0.8	0.6	0.6	0.5	0.6	0.7
60°	4.3	2.5	2.5	3.2	2.8	1.3	2.5	3.2	3.0	2.3	2.0
57.5°	21.9	18.3	12.8	21.5	22.1	15.4	16.7	21.8	21.1	16.3	16.3
55°	55.1	56.0	60.1	65.5	69.6	71.4	73.0	81.2	90.0	98.6	102.9
52.5°	91.1	101.8	115.1	123.8	129.9	142.5	160.0	168.1	176.0	184.9	191.4
50°	134.2	152.7	166.0	167.9	188.8	202.4	205.6	220.7	237.3	247.6	254.9
47.5°	199.7	223.1	234.6	242.1	267.5	295.4	295.4	304.1	345.4	367.1	377.4
45°	287.5	307.1	327.6	380.9	429.8	445.4	478.7	523.8	553.0	593.3	637.7
42.5°	362.4	399.1	450.4	509.1	558.2	599.1	648.6	702.7	767.8	829.0	881.8
40°	436.5	481.8	545.5	609.3	671.2	727.9	807.5	877.2	953.9	1038.1	1108.3
37.5°	533.1	591.2	657.0	737.5	833.8	896.6	1006.2	1106.3	1192.8	1294.5	1357.1
35°	681.6	757.4	815.6	978.2	1095.3	1168.9	1298.6	1463.2	1526.3	1654.4	1715.1
32.5°	868.3	968.9	1122.1	1337.6	1493.9	1629.4	1823.3	1990.3	2132.6	2261.2	2394.9
30°	1078.0	1233.3	1459.2	1745.4	1904.3	2094.0	2356.2	2554.2	2777.4	3022.3	3108.1
27.5°	1268.3	1501.0	1763.2	1995.1	2223.3	2459.5	2717.2	2971.5	3213.0	3416.8	3553.6
25°	1444.8	1726.6	1981.4	2229.2	2476.4	2742.4	3033.8	3322.2	3588.0	3797.8	3957.2
22.5°	1626.7	1924.4	2197.0	2448.5	2736.0	3037.4	3347.4	3678.2	3980.7	4198.3	4372.0
20°	1797.8	2128.9	2439.9	2726.2	2997.9	3345.9	3702.8	4053.8	4383.1	4642.3	4842.6
17.5°	2069.4	2356.8	2736.8	3108.7	3414.9	3734.5	4211.5	4573.7	4939.2	5249.6	5462.0
15°	2402.8	2718.9	3111.3	3622.0	4041.6	4407.8	4900.6	5489.7	5920.9	6317.2	6589.0
12.5°	2736.5	3094.0	3518.5	4093.3	4690.6	5122.0	5719.8	6466.3	6968.6	7582.2	7884.6
10°	2992.4	3441.3	3878.4	4402.9	4976.6	5590.9	6235.3	6933.8	7604.8	8131.7	8602.6
7.5°	3095.4	3573.5	4079.6	4614.7	5188.3	5822.4	6509.2	7236.0	7926.6	8515.0	9032.6
5°	3172.4	3662.3	4171.7	4718.9	5332.0	5994.2	6691.2	7454.3	8159.6	8790.3	9319.7
2.5°	3221.3	3715.8	4223.0	4779.4	5424.3	6106.1	6825.5	7608.7	8324.6	8973.9	9501.6
0°	3240.0	3727.4	4246.8	4819.6	5458.0	6141.4	6891.9	7684.4	8405.9	9033.7	9576.7
-2.5°	3242.6	3716.6	4248.4	4818.4	5429.2	6119.1	6878.6	7664.5	8371.4	8996.5	9544.4
-5°	3217.1	3691.0	4223.2	4784.6	5396.3	6080.9	6807.8	7567.3	8241.4	8849.9	9377.4
-7.5°	3165.5	3638.1	4158.5	4707.0	5302.2	5966.3	6664.5	7370.5	8031.9	8615.5	9118.9
-10°	3089.0	3551.6	4054.0	4588.5	5151.6	5783.3	6449.1	7123.6	7743.8	8283.5	8749.0
-12.5°	2985.3	3437.2	3917.1	4427.3	4951.5	5553.7	6182.3	6815.8	7381.1	7873.7	8291.5
-15°	2850.7	3292.0	3756.6	4239.2	4747.5	5292.1	5856.2	6437.3	6958.7	7395.6	7777.2
-17.5°	2692.1	3120.1	3561.3	4008.6	4491.0	5001.9	5525.6	6047.2	6491.8	6880.0	7229.0
-20°	2515.2	2927.7	3346.7	3763.7	4201.4	4673.9	5157.6	5615.7	6004.3	6357.0	6676.3



REPORT NUMBER: P627012 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-722-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°	2316.9	2711.7	3113.4	3503.6	3898.3	4326.2	4758.2	5172.5	5535.9	5837.6	6115.1
-25°	2104.7	2469.5	2848.8	3214.7	3577.9	3961.3	4353.7	4734.9	5054.8	5316.7	5546.0
-27.5°	1890.9	2224.2	2558.4	2902.8	3238.6	3592.4	3947.6	4276.9	4564.1	4805.3	4997.9
-30°	1666.1	1964.1	2269.3	2580.9	2901.5	3225.3	3546.2	3834.5	4085.3	4297.4	4463.9
-32.5°	1479.2	1705.6	1975.1	2258.0	2558.5	2853.5	3132.7	3395.5	3631.7	3817.0	3958.2
-35°	1300.2	1491.9	1693.7	1944.1	2202.3	2473.8	2730.6	2965.1	3175.7	3337.6	3470.4
-37.5°	1146.2	1297.8	1468.5	1647.3	1863.8	2088.2	2320.0	2540.5	2728.3	2869.5	2988.2
-40°	1013.0	1132.7	1269.1	1410.8	1570.1	1731.3	1933.1	2119.3	2272.6	2404.5	2512.0
-42.5°	892.6	993.6	1094.3	1210.5	1330.7	1460.3	1602.0	1739.6	1857.3	1967.7	2059.0
-45°	788.6	869.3	949.5	1039.3	1127.6	1233.0	1334.2	1424.4	1519.7	1602.4	1667.5
-47.5°	697.7	760.6	829.4	896.6	967.4	1046.8	1122.1	1190.8	1260.6	1321.1	1369.6
-50°	616.9	669.0	725.2	778.0	835.3	893.3	949.1	1003.7	1056.7	1102.7	1138.5
-52.5°	546.1	591.7	635.5	677.5	723.1	766.1	806.4	851.5	892.9	929.2	953.7
-55°	485.9	523.1	559.0	594.1	628.5	661.1	693.2	728.3	760.3	789.1	807.3
-57.5°	429.3	461.0	491.4	520.1	547.4	573.3	600.4	627.3	651.9	673.7	687.8
-60°	377.9	403.7	430.0	453.4	475.5	496.2	519.0	540.5	560.4	577.2	586.9
-62.5°	330.7	353.9	373.3	391.9	410.6	429.3	445.5	461.4	476.7	489.7	498.2
-65°	281.5	301.1	317.6	332.5	345.9	360.4	374.2	386.7	397.8	406.2	411.6
-67.5°	237.4	251.9	265.1	276.9	288.9	300.5	311.1	320.5	328.9	334.7	338.6
-70°	199.1	210.2	221.0	231.7	242.4	251.4	259.1	266.2	272.6	275.3	276.5
-72.5°	165.5	175.3	184.8	194.3	203.1	210.1	215.8	221.0	225.7	221.6	214.6
-75°	134.9	143.6	152.5	160.8	168.7	174.0	178.2	182.1	185.6	176.9	164.9
-77.5°	110.0	117.6	124.1	130.6	137.1	140.5	143.2	145.8	148.3	138.6	126.3
-80°	81.6	87.7	93.3	98.7	104.1	106.2	107.3	108.1	108.6	100.3	90.7
-82.5°	55.1	58.3	61.4	64.5	67.8	69.5	70.8	71.8	72.6	66.7	60.0
-85°	30.9	31.9	32.6	33.2	33.8	34.8	35.9	36.8	37.7	34.9	31.8
-87.5°	10.6	10.6	10.6	10.5	10.3	10.4	10.4	10.4	10.3	9.9	9.4
-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: P627012 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
62.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.6
60°	1.5	1.0	0.8	0.8	0.8	1.0	1.5	2.0	2.3	3.0	3.2
57.5°	15.2	13.3	11.9	10.7	11.9	13.3	15.2	16.3	16.3	21.1	21.8
55°	101.0	94.0	85.5	75.5	85.5	94.0	101.0	102.9	98.6	90.0	81.2
52.5°	198.2	204.7	208.5	208.2	208.5	204.7	198.2	191.4	184.9	176.0	168.1
50°	260.8	264.4	264.6	261.6	264.6	264.4	260.8	254.9	247.6	237.3	220.7
47.5°	382.1	377.1	368.5	359.2	368.5	377.1	382.1	377.4	367.1	345.4	304.1
45°	666.8	682.9	681.9	661.3	681.9	682.9	666.8	637.7	593.3	553.0	523.8
42.5°	911.3	935.4	952.4	961.0	952.4	935.4	911.3	881.8	829.0	767.8	702.7
40°	1147.8	1171.0	1181.3	1180.7	1181.3	1171.0	1147.8	1108.3	1038.1	953.9	877.2
37.5°	1397.7	1427.8	1442.4	1435.4	1442.4	1427.8	1397.7	1357.1	1294.5	1192.8	1106.3
35°	1741.4	1769.6	1770.1	1755.8	1770.1	1769.6	1741.4	1715.1	1654.4	1526.3	1463.2
32.5°	2501.1	2510.5	2438.1	2412.5	2438.1	2510.5	2501.1	2394.9	2261.2	2132.6	1990.3
30°	3193.5	3260.3	3322.4	3353.7	3322.4	3260.3	3193.5	3108.1	3022.3	2777.4	2554.2
27.5°	3656.7	3737.0	3786.8	3790.0	3786.8	3737.0	3656.7	3553.6	3416.8	3213.0	2971.5
25°	4078.0	4167.9	4222.1	4240.7	4222.1	4167.9	4078.0	3957.2	3797.8	3588.0	3322.2
22.5°	4519.5	4625.3	4695.4	4709.8	4695.4	4625.3	4519.5	4372.0	4198.3	3980.7	3678.2
20°	5031.6	5154.8	5222.0	5219.3	5222.0	5154.8	5031.6	4842.6	4642.3	4383.1	4053.8
17.5°	5705.9	5838.0	5896.1	5870.7	5896.1	5838.0	5705.9	5462.0	5249.6	4939.2	4573.7
15°	6868.1	7144.5	7143.4	7033.1	7143.4	7144.5	6868.1	6589.0	6317.2	5920.9	5489.7
12.5°	8301.7	8507.7	8719.0	8764.4	8719.0	8507.7	8301.7	7884.6	7582.2	6968.6	6466.3
10°	8999.3	9272.8	9453.4	9448.6	9453.4	9272.8	8999.3	8602.6	8131.7	7604.8	6933.8
7.5°	9435.6	9737.9	9956.7	9952.0	9956.7	9737.9	9435.6	9032.6	8515.0	7926.6	7236.0
5°	9772.5	10107.7	10301.4	10315.8	10301.4	10107.7	9772.5	9319.7	8790.3	8159.6	7454.3
2.5°	9947.5	10297.3	10530.3	10499.6	10530.3	10297.3	9947.5	9501.6	8973.9	8324.6	7608.7
0°	10020.6	10366.9	10584.3	10678.1	10584.3	10366.9	10020.6	9576.7	9033.7	8405.9	7684.4
-2.5°	9988.7	10325.6	10565.9	10575.1	10565.9	10325.6	9988.7	9544.4	8996.5	8371.4	7664.5
-5°	9817.5	10173.1	10334.0	10419.5	10334.0	10173.1	9817.5	9377.4	8849.9	8241.4	7567.3
-7.5°	9541.5	9808.0	10012.4	10106.8	10012.4	9808.0	9541.5	9118.9	8615.5	8031.9	7370.5
-10°	9111.9	9387.8	9560.6	9638.5	9560.6	9387.8	9111.9	8749.0	8283.5	7743.8	7123.6
-12.5°	8636.1	8886.8	9051.1	9116.8	9051.1	8886.8	8636.1	8291.5	7873.7	7381.1	6815.8
-15°	8105.2	8332.8	8484.0	8547.1	8484.0	8332.8	8105.2	7777.2	7395.6	6958.7	6437.3
-17.5°	7520.8	7720.2	7870.9	7916.3	7870.9	7720.2	7520.8	7229.0	6880.0	6491.8	6047.2
-20°	6919.8	7100.1	7224.1	7251.2	7224.1	7100.1	6919.8	6676.3	6357.0	6004.3	5615.7



REPORT NUMBER: P627012 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	6314.3	6462.8	6563.6	6597.5	6563.6	6462.8	6314.3	6115.1	5837.6	5535.9	5172.5
-25°	5722.5	5850.7	5931.8	5962.2	5931.8	5850.7	5722.5	5546.0	5316.7	5054.8	4734.9
-27.5°	5153.3	5272.8	5347.4	5357.4	5347.4	5272.8	5153.3	4997.9	4805.3	4564.1	4276.9
-30°	4593.4	4692.1	4749.6	4773.9	4749.6	4692.1	4593.4	4463.9	4297.4	4085.3	3834.5
-32.5°	4070.0	4156.3	4207.9	4221.7	4207.9	4156.3	4070.0	3958.2	3817.0	3631.7	3395.5
-35°	3576.0	3655.6	3701.4	3697.7	3701.4	3655.6	3576.0	3470.4	3337.6	3175.7	2965.1
-37.5°	3086.2	3159.7	3201.2	3197.3	3201.2	3159.7	3086.2	2988.2	2869.5	2728.3	2540.5
-40°	2600.4	2663.8	2700.4	2709.2	2700.4	2663.8	2600.4	2512.0	2404.5	2272.6	2119.3
-42.5°	2134.9	2193.4	2222.6	2211.1	2222.6	2193.4	2134.9	2059.0	1967.7	1857.3	1739.6
-45°	1713.0	1743.3	1763.2	1775.6	1763.2	1743.3	1713.0	1667.5	1602.4	1519.7	1424.4
-47.5°	1405.1	1430.2	1443.7	1446.1	1443.7	1430.2	1405.1	1369.6	1321.1	1260.6	1190.8
-50°	1166.3	1187.7	1197.1	1194.4	1197.1	1187.7	1166.3	1138.5	1102.7	1056.7	1003.7
-52.5°	971.3	983.7	992.0	996.1	992.0	983.7	971.3	953.7	929.2	892.9	851.5
-55°	821.0	830.7	836.3	838.2	836.3	830.7	821.0	807.3	789.1	760.3	728.3
-57.5°	699.5	708.7	712.1	710.9	712.1	708.7	699.5	687.8	673.7	651.9	627.3
-60°	594.4	599.7	603.6	605.6	603.6	599.7	594.4	586.9	577.2	560.4	540.5
-62.5°	505.0	509.9	514.0	516.4	514.0	509.9	505.0	498.2	489.7	476.7	461.4
-65°	415.4	417.6	418.2	417.2	418.2	417.6	415.4	411.6	406.2	397.8	386.7
-67.5°	341.5	343.3	344.5	344.7	344.5	343.3	341.5	338.6	334.7	328.9	320.5
-70°	277.6	278.4	277.5	275.3	277.5	278.4	277.6	276.5	275.3	272.6	266.2
-72.5°	207.4	199.8	192.2	183.8	192.2	199.8	207.4	214.6	221.6	225.7	221.0
-75°	152.5	139.6	134.9	130.4	134.9	139.6	152.5	164.9	176.9	185.6	182.1
-77.5°	113.4	100.0	96.4	93.1	96.4	100.0	113.4	126.3	138.6	148.3	145.8
-80°	80.6	70.2	67.8	65.6	67.8	70.2	80.6	90.7	100.3	108.6	108.1
-82.5°	53.0	45.7	44.2	42.7	44.2	45.7	53.0	60.0	66.7	72.6	71.8
-85°	28.5	25.1	24.4	23.6	24.4	25.1	28.5	31.8	34.9	37.7	36.8
-87.5°	8.9	8.4	8.4	8.4	8.4	8.4	8.9	9.4	9.9	10.3	10.4
-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: P627012 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.2	0.3	0.5	0.7	0.6	0.6	0.6	0.6
85°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8
82.5°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8
80°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8
77.5°	0.0	0.0	0.0	0.2	0.4	0.7	0.8	0.8	0.8	0.8	0.8
75°	0.0	0.0	0.1	0.3	0.5	0.7	0.8	0.8	0.8	0.8	0.8
72.5°	0.0	0.0	0.1	0.2	0.5	0.7	0.8	0.8	0.8	0.8	0.8
70°	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.7	0.8	0.8	0.8
67.5°	0.0	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.6	0.8	0.8
65°	0.2	0.1	0.2	0.4	0.6	0.8	0.8	0.7	0.7	0.8	0.8
62.5°	0.6	0.8	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.2	1.8
60°	2.5	1.3	2.8	3.2	2.5	2.5	4.3	4.0	1.5	5.7	6.9
57.5°	16.7	15.4	22.1	21.5	12.8	18.3	21.9	14.7	10.2	16.2	19.6
55°	73.0	71.4	69.6	65.5	60.1	56.0	55.1	55.0	43.7	31.7	35.9
52.5°	160.0	142.5	129.9	123.8	115.1	101.8	91.1	89.0	86.3	71.4	59.0
50°	205.6	202.4	188.8	167.9	166.0	152.7	134.2	121.4	119.7	109.5	90.7
47.5°	295.4	295.4	267.5	242.1	234.6	223.1	199.7	165.2	162.0	153.3	132.3
45°	478.7	445.4	429.8	380.9	327.6	307.1	287.5	246.1	212.1	198.8	184.0
42.5°	648.6	599.1	558.2	509.1	450.4	399.1	362.4	316.8	275.9	247.5	226.4
40°	807.5	727.9	671.2	609.3	545.5	481.8	436.5	379.2	332.5	294.5	272.1
37.5°	1006.2	896.6	833.8	737.5	657.0	591.2	533.1	460.2	385.2	354.3	326.5
35°	1298.6	1168.9	1095.3	978.2	815.6	757.4	681.6	572.4	477.5	424.5	390.2
32.5°	1823.3	1629.4	1493.9	1337.6	1122.1	968.9	868.3	746.8	594.8	518.5	461.6
30°	2356.2	2094.0	1904.3	1745.4	1459.2	1233.3	1078.0	906.1	742.2	618.3	541.1
27.5°	2717.2	2459.5	2223.3	1995.1	1763.2	1501.0	1268.3	1047.6	868.4	729.9	630.2
25°	3033.8	2742.4	2476.4	2229.2	1981.4	1726.6	1444.8	1196.7	986.3	827.9	697.7
22.5°	3347.4	3037.4	2736.0	2448.5	2197.0	1924.4	1626.7	1341.3	1099.5	935.4	779.0
20°	3702.8	3345.9	2997.9	2726.2	2439.9	2128.9	1797.8	1525.7	1288.8	1063.9	867.9
17.5°	4211.5	3734.5	3414.9	3108.7	2736.8	2356.8	2069.4	1784.1	1492.3	1199.7	961.1
15°	4900.6	4407.8	4041.6	3622.0	3111.3	2718.9	2402.8	2056.4	1710.9	1360.4	1072.2
12.5°	5719.8	5122.0	4690.6	4093.3	3518.5	3094.0	2736.5	2348.8	1924.4	1505.6	1175.4
10°	6235.3	5590.9	4976.6	4402.9	3878.4	3441.3	2992.4	2518.8	2046.8	1615.2	1264.7
7.5°	6509.2	5822.4	5188.3	4614.7	4079.6	3573.5	3095.4	2618.5	2145.2	1700.9	1340.2
5°	6691.2	5994.2	5332.0	4718.9	4171.7	3662.3	3172.4	2686.1	2219.2	1764.0	1402.0
2.5°	6825.5	6106.1	5424.3	4779.4	4223.0	3715.8	3221.3	2725.4	2257.9	1797.8	1423.5
0°	6891.9	6141.4	5458.0	4819.6	4246.8	3727.4	3240.0	2739.7	2266.8	1812.2	1432.4
-2.5°	6878.6	6119.1	5429.2	4818.4	4248.4	3716.6	3242.6	2747.4	2269.3	1823.0	1438.8
-5°	6807.8	6080.9	5396.3	4784.6	4223.2	3691.0	3217.1	2730.6	2251.5	1814.4	1432.7
-7.5°	6664.5	5966.3	5302.2	4707.0	4158.5	3638.1	3165.5	2689.4	2215.4	1784.8	1414.9
-10°	6449.1	5783.3	5151.6	4588.5	4054.0	3551.6	3089.0	2619.7	2155.9	1736.2	1383.9
-12.5°	6182.3	5553.7	4951.5	4427.3	3917.1	3437.2	2985.3	2521.5	2073.2	1668.7	1339.7
-15°	5856.2	5292.1	4747.5	4239.2	3756.6	3292.0	2850.7	2399.2	1968.0	1581.8	1282.3
-17.5°	5525.6	5001.9	4491.0	4008.6	3561.3	3120.1	2692.1	2263.2	1850.7	1488.0	1215.2
-20°	5157.6	4673.9	4201.4	3763.7	3346.7	2927.7	2515.2	2102.8	1716.3	1400.3	1155.8



Classified

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

Scaled Data Report



REPORT NUMBER: P627012 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	4758.2	4326.2	3898.3	3503.6	3113.4	2711.7	2316.9	1927.6	1560.9	1301.8	1088.4
-25°	4353.7	3961.3	3577.9	3214.7	2848.8	2469.5	2104.7	1749.3	1446.1	1208.9	1015.6
-27.5°	3947.6	3592.4	3238.6	2902.8	2558.4	2224.2	1890.9	1568.7	1321.8	1120.1	947.8
-30°	3546.2	3225.3	2901.5	2580.9	2269.3	1964.1	1666.1	1422.0	1207.4	1025.2	872.0
-32.5°	3132.7	2853.5	2558.5	2258.0	1975.1	1705.6	1479.2	1273.6	1088.1	937.7	804.4
-35°	2730.6	2473.8	2202.3	1944.1	1693.7	1491.9	1300.2	1132.0	983.6	850.5	737.1
-37.5°	2320.0	2088.2	1863.8	1647.3	1468.5	1297.8	1146.2	1008.9	880.7	774.8	677.2
-40°	1933.1	1731.3	1570.1	1410.8	1269.1	1132.7	1013.0	895.0	796.0	702.8	618.8
-42.5°	1602.0	1460.3	1330.7	1210.5	1094.3	993.6	892.6	800.7	714.3	636.2	566.5
-45°	1334.2	1233.0	1127.6	1039.3	949.5	869.3	788.6	712.9	640.4	576.6	514.8
-47.5°	1122.1	1046.8	967.4	896.6	829.4	760.6	697.7	632.5	576.2	519.4	467.8
-50°	949.1	893.3	835.3	778.0	725.2	669.0	616.9	565.5	516.0	468.9	421.9
-52.5°	806.4	766.1	723.1	677.5	635.5	591.7	546.1	504.9	462.2	420.7	379.6
-55°	693.2	661.1	628.5	594.1	559.0	523.1	485.9	448.8	412.1	374.3	343.3
-57.5°	600.4	573.3	547.4	520.1	491.4	461.0	429.3	396.2	366.2	337.6	309.5
-60°	519.0	496.2	475.5	453.4	430.0	403.7	377.9	351.9	325.8	301.0	276.9
-62.5°	445.5	429.3	410.6	391.9	373.3	353.9	330.7	307.8	285.7	264.4	244.5
-65°	374.2	360.4	345.9	332.5	317.6	301.1	281.5	263.5	246.2	228.7	212.2
-67.5°	311.1	300.5	288.9	276.9	265.1	251.9	237.4	222.5	208.6	194.3	182.0
-70°	259.1	251.4	242.4	231.7	221.0	210.2	199.1	187.4	174.7	161.9	152.0
-72.5°	215.8	210.1	203.1	194.3	184.8	175.3	165.5	155.1	143.9	132.0	122.5
-75°	178.2	174.0	168.7	160.8	152.5	143.6	134.9	125.5	114.6	102.4	92.8
-77.5°	143.2	140.5	137.1	130.6	124.1	117.6	110.0	98.9	87.9	77.5	70.4
-80°	107.3	106.2	104.1	98.7	93.3	87.7	81.6	73.2	65.2	57.6	51.8
-82.5°	70.8	69.5	67.8	64.5	61.4	58.3	55.1	49.5	43.9	38.5	33.8
-85°	35.9	34.8	33.8	33.2	32.6	31.9	30.9	27.6	24.5	21.6	19.0
-87.5°	10.4	10.4	10.3	10.5	10.6	10.6	10.6	9.9	9.1	8.3	7.6
-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: P627012 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.2
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.5
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
67.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.0	0.8	0.8
65°	0.8	0.8	0.8	1.2	1.1	0.8	0.8	1.5	1.3	1.1	0.8
62.5°	1.5	0.8	2.0	2.7	1.7	1.4	1.2	3.2	2.1	1.5	1.1
60°	3.5	2.8	5.3	8.2	5.9	2.3	3.4	5.5	5.1	1.9	1.5
57.5°	17.6	8.0	11.9	15.5	14.8	8.3	6.8	9.4	8.5	5.0	2.0
55°	36.6	31.1	24.8	24.6	25.0	19.7	14.1	14.5	12.8	9.1	2.9
52.5°	55.6	54.0	48.0	39.1	35.9	32.5	26.6	20.6	19.1	13.6	7.2
50°	79.3	75.0	70.3	61.2	49.6	45.1	39.0	31.4	25.9	19.0	11.9
47.5°	106.4	98.9	91.8	83.0	70.3	58.3	51.6	42.5	33.5	26.1	16.6
45°	148.7	124.2	114.6	104.4	91.4	76.4	64.7	53.6	43.4	33.3	21.4
42.5°	192.2	158.0	138.0	126.5	112.8	96.0	78.3	65.8	53.2	40.4	27.0
40°	235.9	193.6	163.3	148.9	135.0	115.5	95.6	78.6	62.7	47.8	33.2
37.5°	283.1	233.5	192.5	172.2	157.6	136.5	113.3	91.7	72.5	55.8	39.3
35°	341.9	280.7	224.2	199.2	179.5	157.9	130.8	105.9	84.2	63.8	45.3
32.5°	408.0	332.8	269.6	228.6	201.8	179.7	149.4	121.9	96.2	71.8	51.2
30°	473.8	386.5	312.8	257.7	225.6	200.1	169.1	138.1	108.5	79.9	57.2
27.5°	523.9	432.8	353.1	292.7	251.8	220.4	188.9	154.3	121.0	88.7	63.7
25°	575.2	475.7	392.3	327.0	277.5	241.2	207.8	170.5	134.3	98.9	70.1
22.5°	635.1	516.4	425.3	357.9	304.8	262.2	225.9	186.9	147.8	109.0	76.4
20°	693.7	554.0	455.7	394.0	334.6	285.7	243.7	202.5	161.0	118.9	82.4
17.5°	753.7	606.8	506.2	431.4	365.3	309.0	261.2	217.3	173.7	128.5	88.2
15°	844.2	677.3	557.1	468.3	395.0	331.7	278.4	231.3	186.1	137.8	93.3
12.5°	929.5	743.7	606.5	504.3	423.6	353.8	295.1	244.4	197.8	145.6	97.6
10°	1004.9	805.5	653.8	539.1	450.6	375.0	311.1	254.7	204.8	151.7	101.5
7.5°	1070.4	862.2	698.4	572.3	473.8	389.3	319.2	260.1	210.1	157.2	104.8
5°	1120.6	900.8	722.9	585.5	482.5	395.9	325.0	264.4	214.3	161.8	107.7
2.5°	1137.2	913.6	732.6	592.9	488.8	400.6	329.4	267.7	217.5	165.6	110.2
0°	1144.8	919.8	737.6	597.2	492.7	403.5	332.5	270.0	219.7	168.6	112.1
-2.5°	1153.3	928.3	744.6	603.9	496.8	407.4	335.8	273.6	222.9	171.9	115.3
-5°	1152.7	929.9	746.9	607.1	498.4	409.6	337.7	276.1	225.1	174.3	118.0
-7.5°	1140.5	922.7	744.0	606.5	497.5	409.8	338.2	277.6	226.5	175.8	120.1
-10°	1118.7	907.7	735.6	600.9	494.3	408.0	337.4	278.0	227.1	176.5	121.7
-12.5°	1088.0	886.4	722.1	592.0	488.4	404.2	334.9	276.8	226.7	176.3	122.5
-15°	1048.6	859.0	703.5	579.5	479.9	398.5	330.9	274.1	224.8	175.0	122.7
-17.5°	1000.9	825.7	679.7	563.7	468.8	390.9	325.5	270.4	222.1	172.7	122.5
-20°	956.6	790.7	652.3	544.4	455.0	381.5	318.5	265.6	218.8	169.9	121.9

Classified

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627012 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	907.1	754.2	628.0	526.0	440.4	370.3	310.1	259.9	214.8	166.5	120.8
-25°	850.5	712.9	600.2	505.4	426.3	359.6	301.4	253.1	210.2	162.7	119.2
-27.5°	797.3	670.4	569.1	481.8	409.9	347.3	292.9	246.9	204.9	158.5	117.1
-30°	743.0	633.3	539.2	456.9	391.9	333.5	283.2	240.2	199.0	154.7	114.5
-32.5°	687.8	592.9	507.3	435.5	374.4	318.8	272.7	233.0	192.8	151.0	112.4
-35°	640.3	553.1	473.0	412.4	356.5	306.2	262.2	225.3	186.3	146.9	110.0
-37.5°	589.8	512.8	446.3	389.4	337.3	292.4	252.1	216.3	179.8	142.2	107.2
-40°	544.7	475.2	417.5	367.3	320.1	277.5	240.9	206.7	173.6	137.1	103.9
-42.5°	498.6	441.0	389.5	343.4	302.7	263.9	228.7	196.5	165.6	132.3	100.1
-45°	458.3	406.0	360.5	321.6	284.5	249.0	216.7	185.9	157.0	127.4	96.1
-47.5°	416.6	372.2	333.4	299.0	266.7	233.6	204.1	176.0	148.2	121.9	92.1
-50°	377.8	340.3	307.9	277.1	247.0	219.2	191.5	165.9	140.1	114.8	87.5
-52.5°	343.2	311.9	283.2	255.1	229.2	204.2	180.2	155.6	131.7	107.6	82.5
-55°	312.6	284.8	258.9	234.6	211.5	190.7	168.6	145.9	122.9	100.3	77.1
-57.5°	283.4	258.3	236.3	214.7	195.0	176.9	157.3	135.8	114.1	92.6	72.4
-60°	254.0	233.8	214.2	196.1	179.0	162.7	146.0	125.5	104.9	84.6	66.6
-62.5°	225.8	208.9	193.8	177.9	162.3	147.8	134.3	114.8	95.4	76.8	60.2
-65°	198.2	185.2	173.1	158.1	144.5	132.4	121.2	103.7	85.3	68.4	53.5
-67.5°	170.8	160.1	149.3	137.1	127.0	117.2	107.3	91.4	74.7	59.6	46.8
-70°	143.2	134.1	126.3	118.6	110.2	101.6	91.7	78.1	63.5	51.3	39.8
-72.5°	116.1	110.5	105.9	100.4	93.3	85.1	75.8	64.7	53.4	42.7	32.5
-75°	89.4	88.2	86.8	83.3	76.5	68.8	61.3	52.8	43.1	33.8	26.5
-77.5°	70.4	69.9	68.9	66.5	60.5	54.2	47.7	40.6	33.2	26.9	20.8
-80°	52.1	52.1	51.6	50.1	45.0	39.7	35.2	30.6	25.2	20.0	15.0
-82.5°	34.2	34.8	35.0	34.5	31.1	27.7	24.4	21.2	17.0	13.0	10.1
-85°	19.6	19.9	20.0	19.8	17.7	15.6	14.3	12.9	10.6	8.6	6.7
-87.5°	8.1	8.6	8.9	9.2	8.5	7.8	7.1	6.5	5.3	4.3	3.4
-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: P627012 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
85°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
82.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
77.5°	0.8	0.8	0.7	0.5	0.3	0.2	0.0
75°	0.8	0.8	0.8	0.6	0.4	0.2	0.0
72.5°	0.8	0.8	0.8	0.7	0.5	0.2	0.0
70°	0.8	0.8	0.8	0.8	0.5	0.3	0.0
67.5°	0.9	0.8	0.8	0.8	0.6	0.3	0.0
65°	1.0	0.9	0.8	0.8	0.7	0.3	0.0
62.5°	1.1	1.1	0.8	0.8	0.7	0.4	0.0
60°	1.2	1.3	0.8	0.8	0.8	0.4	0.0
57.5°	2.1	1.5	1.0	0.8	0.8	0.4	0.0
55°	3.2	1.7	1.2	0.8	0.8	0.5	0.0
52.5°	4.4	2.2	1.5	0.8	0.8	0.5	0.0
50°	5.9	3.5	1.7	0.8	0.8	0.5	0.0
47.5°	7.8	4.9	2.0	0.9	0.9	0.5	0.0
45°	11.9	6.4	2.3	1.1	0.9	0.6	0.0
42.5°	16.0	8.0	2.6	1.3	0.9	0.6	0.0
40°	20.1	9.6	3.4	1.5	0.9	0.6	0.0
37.5°	24.2	11.4	4.7	1.9	1.0	0.6	0.0
35°	28.2	14.1	6.0	2.2	1.0	0.7	0.0
32.5°	32.5	17.3	7.3	2.6	1.0	0.7	0.0
30°	37.2	20.4	8.7	3.0	1.1	0.7	0.0
27.5°	41.9	23.4	10.2	3.5	1.1	0.7	0.0
25°	46.3	26.3	11.7	3.9	1.1	0.7	0.0
22.5°	50.6	29.1	13.2	4.4	1.2	0.7	0.0
20°	54.6	31.9	14.7	4.8	1.2	0.8	0.0
17.5°	58.4	34.5	16.1	5.3	1.2	0.8	0.0
15°	61.9	36.9	17.4	5.8	1.3	0.8	0.0
12.5°	65.1	39.1	18.6	6.3	1.3	0.8	0.0
10°	67.9	41.2	19.8	6.8	1.4	0.8	0.0
7.5°	70.5	43.0	20.9	7.2	1.4	0.8	0.0
5°	72.8	44.7	21.9	7.6	1.4	0.8	0.0
2.5°	74.7	46.1	22.8	8.0	1.5	0.8	0.0
0°	76.3	47.3	23.6	8.4	1.5	0.8	0.0
-2.5°	78.4	48.8	24.7	8.9	1.7	0.8	0.0
-5°	80.1	50.0	25.6	9.4	2.0	0.9	0.0
-7.5°	81.5	51.1	26.5	9.9	2.2	0.9	0.0
-10°	82.4	51.8	27.1	10.2	2.4	1.0	0.0
-12.5°	83.0	52.3	27.6	10.6	2.6	1.0	0.0
-15°	83.2	52.6	28.0	10.8	2.8	1.1	0.0
-17.5°	82.9	52.5	28.1	11.1	3.0	1.1	0.0
-20°	82.7	52.2	28.1	11.2	3.1	1.1	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	82.7	51.7	27.9	11.3	3.3	1.1	0.0
-25°	82.4	51.5	27.5	11.3	3.4	1.2	0.0
-27.5°	81.6	51.2	26.8	11.2	3.5	1.2	0.0
-30°	80.4	50.7	26.1	11.0	3.6	1.2	0.0
-32.5°	78.8	49.8	25.7	10.8	3.7	1.2	0.0
-35°	77.2	48.6	25.2	10.5	3.7	1.2	0.0
-37.5°	75.5	47.3	24.4	10.1	3.7	1.2	0.0
-40°	73.3	46.2	23.5	9.6	3.7	1.2	0.0
-42.5°	70.7	44.7	22.8	9.2	3.7	1.2	0.0
-45°	67.7	43.0	22.3	8.8	3.6	1.1	0.0
-47.5°	64.3	41.0	21.7	8.4	3.5	1.1	0.0
-50°	61.3	38.6	20.8	8.2	3.4	1.1	0.0
-52.5°	58.1	36.1	19.6	8.1	3.3	1.0	0.0
-55°	54.5	33.9	18.3	7.9	3.2	1.0	0.0
-57.5°	50.6	31.6	16.7	7.6	3.0	1.0	0.0
-60°	46.4	29.0	15.0	7.2	2.8	0.9	0.0
-62.5°	42.3	26.1	13.9	6.7	2.6	0.8	0.0
-65°	37.9	22.9	12.7	6.1	2.4	0.8	0.0
-67.5°	33.0	20.1	11.4	5.4	2.2	0.7	0.0
-70°	27.8	17.6	9.9	4.7	2.0	0.6	0.0
-72.5°	23.7	14.9	8.3	4.1	1.8	0.6	0.0
-75°	19.4	12.1	6.6	3.6	1.6	0.5	0.0
-77.5°	15.0	9.1	5.5	3.0	1.3	0.4	0.0
-80°	10.3	7.0	4.4	2.5	1.1	0.3	0.0
-82.5°	7.6	5.3	3.3	1.9	0.8	0.3	0.0
-85°	5.1	3.5	2.2	1.2	0.5	0.2	0.0
-87.5°	2.6	1.8	1.1	0.6	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)