

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: P627582 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627582 (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-SA5B-735-U-WR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (80) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

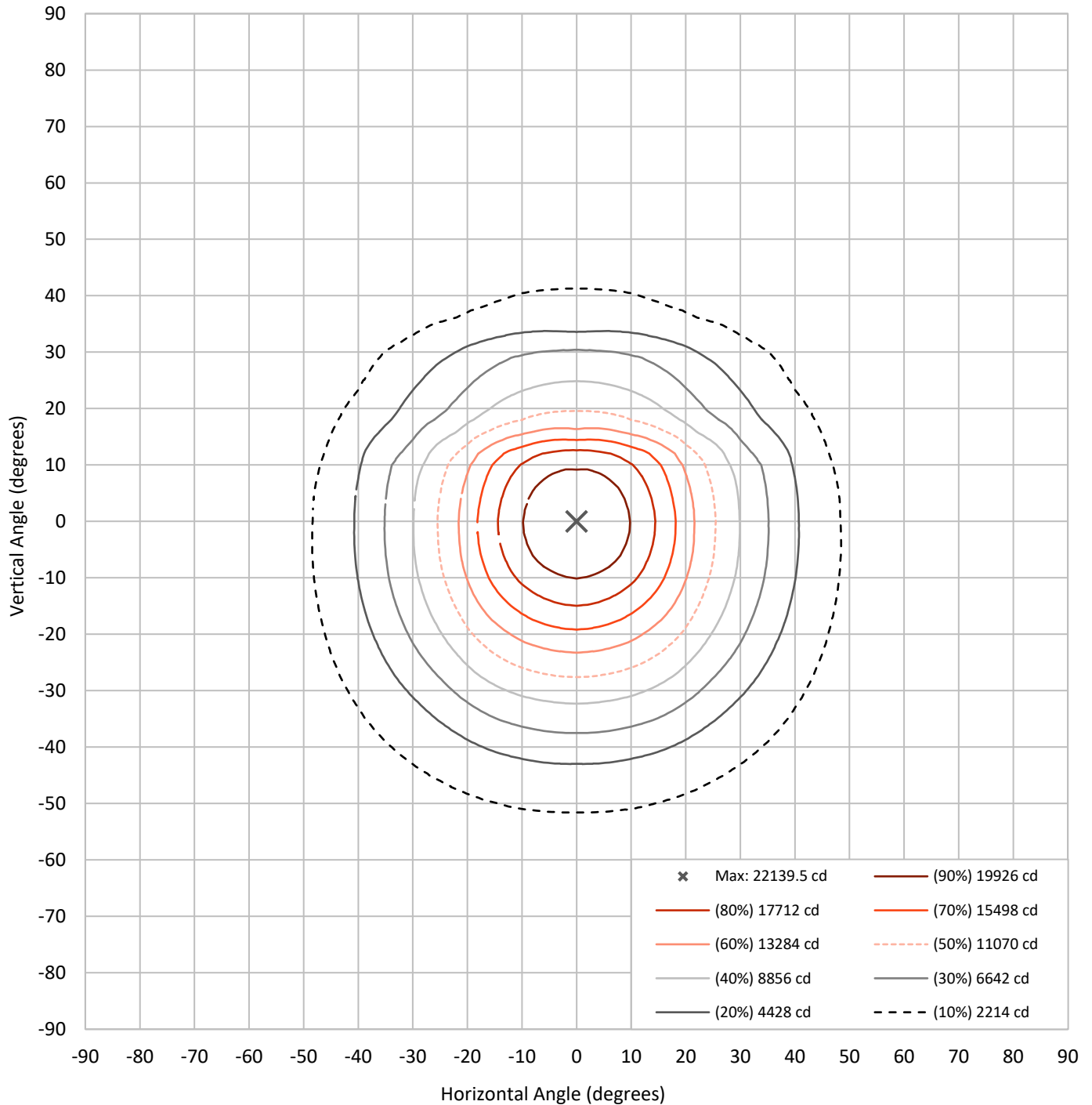
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	19531.8 lumens	Max Intensity:	22139.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.1 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:	9403.7 lumens	Field Lumens:	17487.6 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	158.7		
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





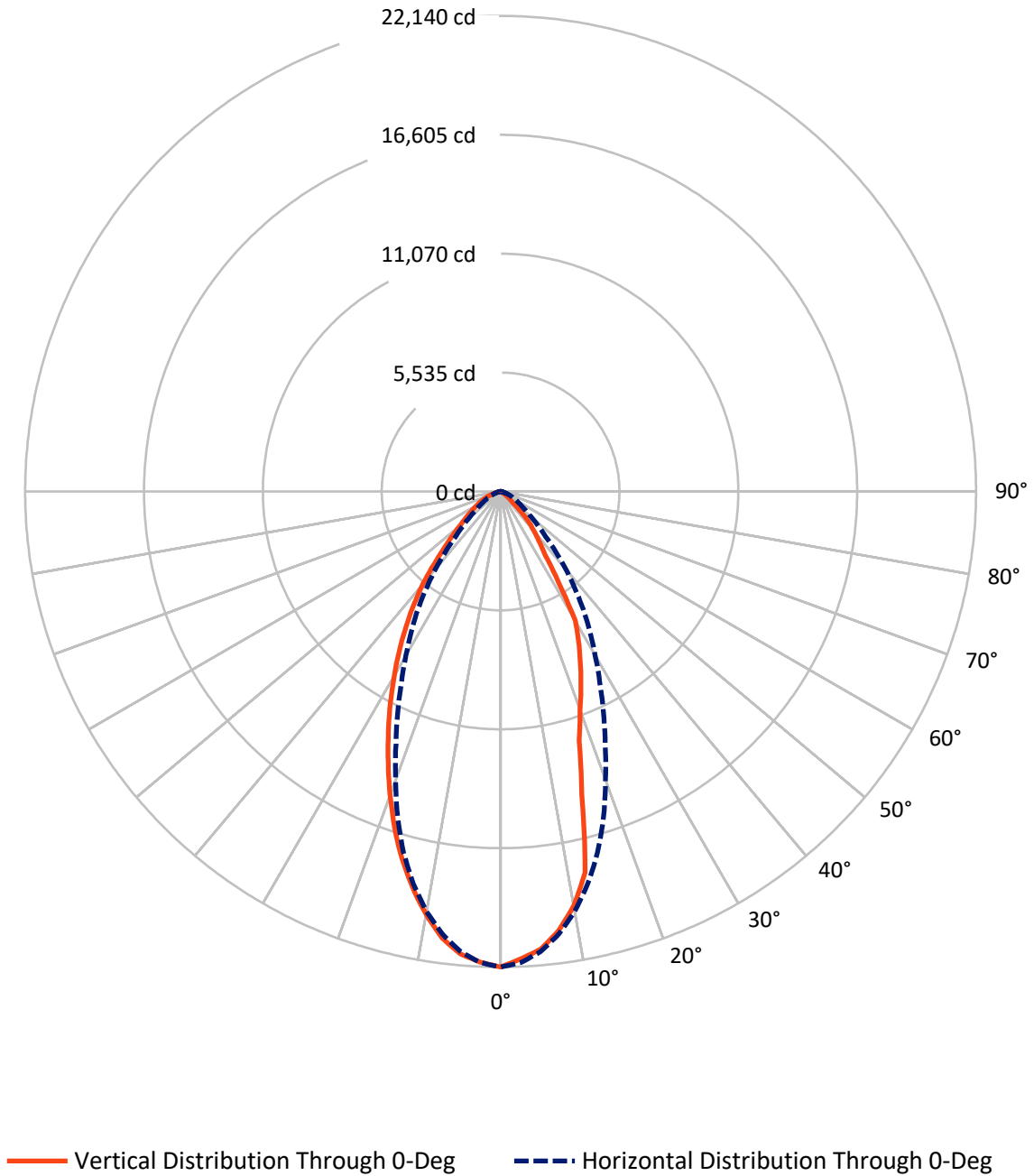
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### Lumen Table

90																			
80	0.0	0.1		0.1		0.0		0.0		0.0		0.1		0.1		0.0			
70																			
60	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1			
50		0.4	1.0	1.8	3.1	4.5	6.1	6.9	6.9	6.1	4.5	3.1	1.8	1.0	0.4				
40	0.8	1.5	3.8	7.9	14.5	23.8	34.4	42.2	42.2	34.4	23.8	14.5	7.9	3.8	1.5	0.8			
30		3.0	7.6	17.7	36.5	67.0	102.4	123.2	123.2	102.4	67.0	36.5	17.7	7.6	3.0				
20	2.1	4.7	12.4	32.1	75.9	142.5	216.8	261.3	261.3	216.8	142.5	75.9	32.1	12.4	4.7	2.1			
10		6.3	17.6	50.3	124.8	230.8	360.7	445.9	445.9	360.7	230.8	124.8	50.3	17.6	6.3				
0	3.0	7.4	22.1	65.1	163.9	305.5	490.5	621.9	621.9	490.5	305.5	163.9	65.1	22.1	7.4	3.0			
-10		7.7	23.1	67.1	166.3	309.9	495.5	625.8	625.8	495.5	309.9	166.3	67.1	23.1	7.7				
-20	3.2	7.6	21.9	59.8	147.3	272.1	419.4	517.6	517.6	419.4	272.1	147.3	59.8	21.9	7.6	3.2			
-30		7.0	18.9	46.8	109.9	205.1	305.7	366.6	366.6	305.7	205.1	109.9	46.8	18.9	7.0				
-40	2.8	6.1	15.3	33.8	69.2	127.3	192.0	228.6	228.6	192.0	127.3	69.2	33.8	15.3	6.1	2.8			
-50		5.1	11.8	23.4	41.6	66.6	95.6	113.7	113.7	95.6	66.6	41.6	23.4	11.8	5.1				
-60	1.7	4.0	8.6	15.6	25.4	36.5	47.2	53.4	53.4	47.2	36.5	25.4	15.6	8.6	4.0	1.7			
-70		2.8	5.8	9.6	14.7	20.1	24.6	26.8	26.8	24.6	20.1	14.7	9.6	5.8	2.8				
-80	0.5	5.6		14.3		25.6		23.4		25.6		14.3		5.6		0.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

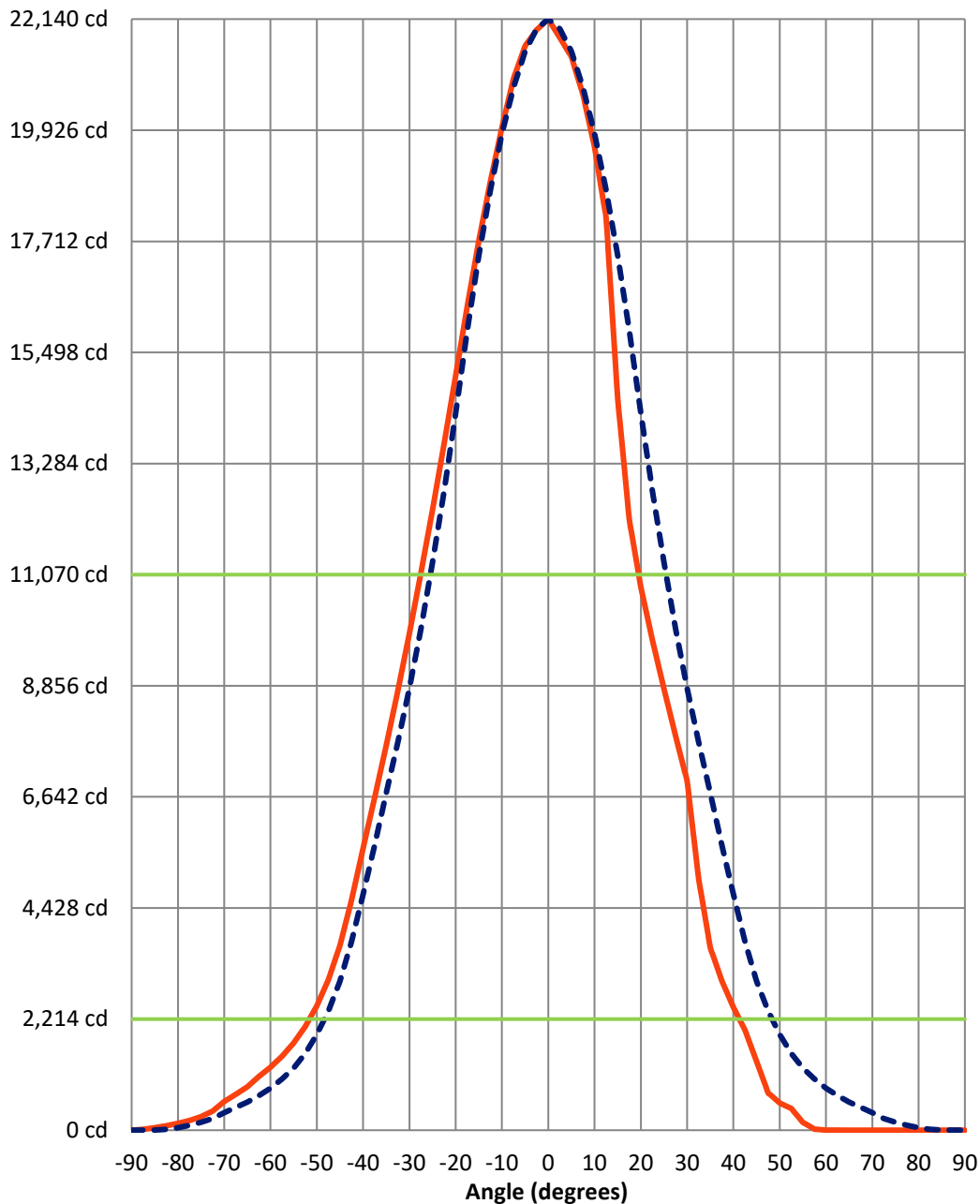
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 9403.7  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 17487.6  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 2044.2  
 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	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.6	1.6
80°	0.0	0.3	0.6	0.8	1.1	1.4	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.3	0.7	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.5	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.5	1.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7
67.5°	0.0	0.6	1.2	1.6	1.6	1.6	1.7	1.6	1.6	2.1	2.0
65°	0.0	0.7	1.4	1.6	1.6	1.8	1.9	1.6	2.3	2.6	3.1
62.5°	0.0	0.7	1.5	1.6	1.6	2.1	2.2	2.2	3.0	4.2	6.6
60°	0.0	0.8	1.6	1.6	1.6	2.5	2.5	3.0	3.8	10.5	11.3
57.5°	0.0	0.9	1.6	1.6	2.0	3.0	4.3	4.1	10.3	17.7	19.4
55°	0.0	0.9	1.6	1.6	2.5	3.5	6.5	6.0	18.9	26.6	30.1
52.5°	0.0	1.0	1.7	1.6	3.0	4.4	9.1	14.8	28.3	39.5	42.6
50°	0.0	1.0	1.7	1.6	3.5	7.1	12.0	24.6	39.5	53.8	65.0
47.5°	0.0	1.1	1.7	1.7	4.1	10.0	16.1	34.4	54.2	69.5	88.2
45°	0.0	1.1	1.8	2.1	4.6	13.1	24.6	44.4	69.0	90.0	111.1
42.5°	0.0	1.2	1.8	2.6	5.2	16.4	33.2	56.0	83.7	110.3	136.5
40°	0.0	1.2	1.9	3.1	6.9	19.9	41.7	68.8	99.0	130.1	163.0
37.5°	0.0	1.3	2.0	3.8	9.6	23.5	50.1	81.4	115.6	150.4	190.1
35°	0.0	1.3	2.0	4.5	12.3	29.2	58.5	93.8	132.3	174.7	219.6
32.5°	0.0	1.3	2.1	5.3	15.1	35.8	67.3	106.1	149.0	199.6	252.8
30°	0.0	1.4	2.2	6.2	17.9	42.3	77.2	118.5	165.7	225.1	286.3
27.5°	0.0	1.4	2.3	7.1	21.1	48.5	86.8	132.1	184.0	251.0	319.8
25°	0.0	1.5	2.3	8.0	24.3	54.5	96.0	145.4	205.1	278.5	353.4
22.5°	0.0	1.5	2.4	9.0	27.4	60.4	104.8	158.3	226.0	306.4	387.4
20°	0.0	1.5	2.5	10.0	30.4	66.1	113.3	170.8	246.5	333.7	419.8
17.5°	0.0	1.5	2.6	11.0	33.2	71.4	121.1	182.8	266.5	360.2	450.6
15°	0.0	1.5	2.7	12.0	36.0	76.4	128.3	193.5	285.8	385.7	479.5
12.5°	0.0	1.6	2.8	13.0	38.6	81.0	134.8	202.5	301.8	410.1	506.7
10°	0.0	1.6	2.9	14.0	41.1	85.3	140.8	210.4	314.7	424.5	528.0
7.5°	0.0	1.6	3.0	14.9	43.4	89.1	146.1	217.4	325.9	435.5	539.2
5°	0.0	1.6	3.0	15.8	45.5	92.5	150.8	223.5	335.5	444.2	548.2
2.5°	0.0	1.6	3.1	16.6	47.3	95.5	154.8	228.5	343.4	450.8	555.1
0°	0.0	1.6	3.2	17.4	49.0	98.0	158.1	232.5	349.5	455.4	559.8
-2.5°	0.0	1.7	3.7	18.5	51.2	101.1	162.4	239.2	356.3	462.0	567.2
-5°	0.0	1.8	4.1	19.5	53.2	103.7	166.0	244.8	361.3	466.7	572.5
-7.5°	0.0	1.9	4.6	20.4	54.9	105.8	168.8	249.2	364.5	469.7	575.6
-10°	0.0	2.0	5.0	21.2	56.3	107.4	170.8	252.3	365.9	470.8	576.6
-12.5°	0.0	2.1	5.4	21.9	57.3	108.4	172.0	254.1	365.4	470.1	573.9
-15°	0.0	2.1	5.8	22.5	58.0	108.9	172.4	254.4	362.8	466.0	568.3
-17.5°	0.0	2.2	6.2	22.9	58.3	108.9	171.9	253.9	358.1	460.5	560.6
-20°	0.0	2.3	6.5	23.2	58.3	108.3	171.4	252.7	352.2	453.5	550.8

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Scaled Data Report



REPORT NUMBER: P627582 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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	2.3	6.8	23.3	57.8	107.1	171.5	250.5	345.3	445.3	538.8
-25°	0.0	2.4	7.1	23.3	56.9	106.7	170.7	247.1	337.3	435.8	524.8
-27.5°	0.0	2.4	7.3	23.2	55.6	106.2	169.1	242.7	328.5	424.8	511.8
-30°	0.0	2.4	7.4	22.8	54.0	105.1	166.6	237.4	320.8	412.5	497.9
-32.5°	0.0	2.4	7.6	22.3	53.3	103.3	163.3	232.9	313.1	399.6	483.0
-35°	0.0	2.4	7.6	21.7	52.2	100.8	160.1	228.0	304.5	386.3	467.1
-37.5°	0.0	2.4	7.7	20.9	50.6	98.1	156.4	222.2	294.8	372.6	448.5
-40°	0.0	2.4	7.6	19.9	48.6	95.7	151.9	215.3	284.1	359.9	428.6
-42.5°	0.0	2.4	7.6	18.9	47.2	92.7	146.5	207.5	274.3	343.3	407.4
-45°	0.0	2.3	7.4	18.2	46.3	89.1	140.3	199.3	264.1	325.6	385.3
-47.5°	0.0	2.3	7.3	17.2	44.8	84.9	133.2	190.9	252.8	307.2	364.9
-50°	0.0	2.2	7.0	16.9	43.0	80.1	127.0	181.5	237.9	290.5	343.9
-52.5°	0.0	2.1	6.8	16.7	40.6	74.7	120.3	171.0	223.1	273.0	322.5
-55°	0.0	2.0	6.4	16.2	37.8	70.3	112.9	159.9	207.9	254.8	302.4
-57.5°	0.0	1.9	6.1	15.6	34.5	65.5	104.8	150.0	191.9	236.5	281.6
-60°	0.0	1.8	5.7	14.7	31.0	60.1	96.1	138.0	175.4	217.4	260.1
-62.5°	0.0	1.7	5.3	13.7	28.8	54.1	87.7	124.8	159.1	197.6	237.9
-65°	0.0	1.6	4.9	12.5	26.3	47.4	78.4	110.9	141.8	176.8	214.9
-67.5°	0.0	1.4	4.5	11.1	23.6	41.5	68.4	96.9	123.6	154.8	189.4
-70°	0.0	1.3	4.1	9.6	20.5	36.4	57.7	82.4	106.3	131.7	161.9
-72.5°	0.0	1.2	3.7	8.4	17.2	30.9	49.0	67.5	88.5	110.8	134.3
-75°	0.0	1.0	3.2	7.4	13.7	25.1	40.3	55.0	70.2	89.4	109.6
-77.5°	0.0	0.8	2.7	6.2	11.3	18.9	31.0	43.2	55.7	68.9	84.3
-80°	0.0	0.7	2.2	5.0	9.1	14.4	21.5	31.2	41.5	52.2	63.5
-82.5°	0.0	0.5	1.6	3.8	6.9	10.9	15.8	20.9	26.9	35.2	43.9
-85°	0.0	0.3	1.1	2.6	4.6	7.3	10.6	14.0	17.8	22.0	26.6
-87.5°	0.0	0.2	0.5	1.3	2.3	3.7	5.3	7.0	8.9	11.0	13.3
-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):**

	-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°	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
85°	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3
67.5°	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.2	0.8
65°	1.6	1.6	2.2	2.3	1.7	1.6	1.6	1.6	1.7	1.4	1.5
62.5°	2.3	2.9	3.5	5.5	4.1	1.6	3.1	3.6	2.5	2.0	2.2
60°	6.9	4.7	12.2	16.9	11.0	5.9	7.2	14.4	11.9	3.2	8.4
57.5°	14.0	17.2	30.6	32.2	24.7	16.7	36.6	40.6	33.7	21.2	30.5
55°	29.1	40.9	51.7	51.1	51.4	64.6	75.9	74.6	65.7	90.6	114.1
52.5°	55.1	67.3	74.5	81.2	99.6	111.9	115.4	122.4	148.1	179.0	184.6
50°	80.8	93.5	102.9	126.9	145.8	155.5	164.5	188.2	227.1	248.3	251.7
47.5°	106.9	121.0	145.8	172.1	190.4	205.1	220.7	274.4	317.9	335.9	342.4
45°	134.1	158.5	189.5	216.5	237.7	257.5	308.4	381.6	412.2	439.8	510.1
42.5°	162.3	199.0	233.9	262.3	286.2	327.6	398.5	469.4	513.2	571.9	656.9
40°	198.3	239.5	280.0	308.8	338.6	401.4	489.1	564.2	610.5	689.4	786.2
37.5°	234.9	283.0	326.7	357.1	399.0	484.1	587.1	677.0	734.5	798.7	954.2
35°	271.0	327.4	372.2	413.0	464.7	582.0	709.0	809.0	880.1	990.0	1186.8
32.5°	309.6	372.6	418.5	473.9	559.0	690.2	846.0	957.1	1075.0	1233.1	1548.4
30°	350.6	414.9	467.6	534.3	648.4	801.4	982.3	1121.9	1281.9	1538.8	1878.6
27.5°	391.6	457.1	522.0	606.8	732.2	897.5	1086.3	1306.5	1513.3	1800.5	2172.0
25°	430.9	500.1	575.4	677.8	813.4	986.4	1192.6	1446.6	1716.4	2045.0	2481.2
22.5°	468.4	543.7	631.8	742.0	881.9	1070.8	1316.7	1615.1	1939.3	2279.7	2780.9
20°	505.2	592.4	693.6	816.8	944.9	1148.7	1438.2	1799.4	2205.8	2672.1	3163.2
17.5°	541.6	640.6	757.3	894.3	1049.5	1258.0	1562.7	1992.8	2487.3	3094.2	3698.9
15°	577.2	687.8	819.0	970.9	1155.1	1404.3	1750.3	2223.0	2820.5	3547.3	4263.5
12.5°	611.8	733.5	878.2	1045.7	1257.4	1541.9	1927.1	2437.0	3121.7	3989.9	4869.9
10°	644.9	777.5	934.4	1117.8	1355.5	1670.0	2083.4	2622.2	3349.0	4243.7	5222.4
7.5°	661.8	807.2	982.4	1186.5	1448.0	1787.6	2219.4	2778.7	3526.5	4447.8	5429.1
5°	673.8	820.8	1000.4	1213.9	1498.8	1867.6	2323.4	2906.7	3657.4	4601.4	5569.1
2.5°	683.1	830.6	1013.5	1229.4	1518.9	1894.3	2357.8	2951.3	3727.6	4681.5	5650.7
0°	689.5	836.6	1021.6	1238.2	1529.2	1907.2	2373.7	2969.9	3757.4	4699.9	5680.4
-2.5°	696.3	844.7	1030.1	1252.0	1543.7	1924.7	2391.2	2983.0	3779.7	4705.0	5696.4
-5°	700.1	849.1	1033.4	1258.7	1548.4	1928.0	2389.9	2970.5	3761.9	4668.1	5661.6
-7.5°	701.2	849.6	1031.6	1257.4	1542.4	1913.1	2364.6	2933.4	3700.6	4593.3	5576.1
-10°	699.5	845.8	1024.8	1246.0	1525.1	1882.0	2319.5	2869.2	3599.8	4470.0	5431.6
-12.5°	694.4	837.9	1012.6	1227.3	1497.1	1837.9	2255.8	2777.6	3459.8	4298.5	5227.9
-15°	686.2	826.2	995.0	1201.5	1458.5	1781.0	2174.0	2658.7	3279.6	4080.4	4974.4
-17.5°	674.9	810.5	971.9	1168.6	1409.2	1712.0	2075.2	2519.5	3085.2	3837.1	4692.5
-20°	660.5	791.1	943.4	1128.7	1352.4	1639.2	1983.4	2396.3	2903.3	3558.5	4359.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627582 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	643.0	767.9	913.2	1090.5	1302.0	1563.7	1880.8	2256.6	2699.2	3236.5	3996.7
-25°	625.0	745.7	883.9	1048.0	1244.4	1478.2	1763.4	2105.8	2506.6	2998.4	3626.9
-27.5°	607.2	720.1	849.9	998.9	1179.9	1389.9	1653.0	1965.1	2322.4	2740.5	3252.4
-30°	587.2	691.6	812.5	947.4	1118.0	1313.0	1540.4	1807.9	2125.5	2503.4	2948.3
-32.5°	565.4	660.9	776.3	902.9	1051.8	1229.3	1426.0	1667.9	1944.3	2255.9	2640.6
-35°	543.6	634.8	739.2	855.0	980.7	1146.9	1327.6	1528.3	1763.4	2039.4	2347.0
-37.5°	522.7	606.2	699.4	807.4	925.3	1063.3	1222.9	1404.1	1606.5	1826.1	2091.8
-40°	499.4	575.4	663.5	761.4	865.6	985.3	1129.3	1283.0	1457.2	1650.4	1855.7
-42.5°	474.1	547.1	627.5	711.8	807.5	914.4	1033.8	1174.5	1319.2	1481.1	1660.2
-45°	449.2	516.3	589.9	666.8	747.3	841.8	950.2	1067.3	1195.6	1327.7	1478.1
-47.5°	423.1	484.4	552.9	619.9	691.2	771.8	863.8	970.0	1077.0	1194.6	1311.3
-50°	396.9	454.4	512.0	574.5	638.4	705.5	783.2	874.9	972.3	1069.9	1172.5
-52.5°	373.5	423.2	475.2	528.9	587.1	646.8	711.6	787.1	872.3	958.3	1046.8
-55°	349.5	395.4	438.4	486.5	536.8	590.5	648.2	711.8	776.1	854.5	930.6
-57.5°	326.2	366.8	404.2	445.2	490.0	535.6	587.6	641.6	700.0	759.2	821.5
-60°	302.7	337.3	371.1	406.6	444.2	484.8	526.6	574.1	624.1	675.5	729.6
-62.5°	278.5	306.5	336.3	368.8	401.9	433.1	468.2	507.0	548.3	592.4	638.2
-65°	251.3	274.6	299.5	327.7	358.8	384.0	410.9	440.1	474.2	510.5	546.4
-67.5°	222.3	242.9	263.2	284.2	309.4	331.9	354.1	377.3	402.8	432.5	461.3
-70°	190.0	210.5	228.5	245.9	261.9	278.0	296.7	315.1	335.6	362.3	388.5
-72.5°	157.2	176.5	193.4	208.2	219.5	229.1	240.6	253.9	273.6	298.3	321.5
-75°	127.2	142.7	158.6	172.8	180.0	182.9	185.3	192.3	212.2	237.6	260.1
-77.5°	99.1	112.6	125.5	137.9	143.0	145.0	145.9	145.9	160.6	182.2	205.0
-80°	73.0	82.4	93.3	103.9	107.0	108.0	108.1	107.4	119.4	135.0	151.6
-82.5°	50.7	57.5	64.5	71.7	72.6	72.1	71.1	70.1	79.8	91.0	102.5
-85°	29.5	32.4	36.6	41.0	41.5	41.3	40.6	39.3	44.7	50.8	57.3
-87.5°	14.8	16.2	17.6	19.0	18.5	17.8	16.8	15.6	17.2	18.8	20.4
-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: P627582 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.6	1.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	0.8	0.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	1.6	1.2	0.8	0.4	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	2.1	2.0	1.4	1.4	1.5	1.6	1.3	1.1	1.1	1.1	1.3
60°	9.0	5.1	5.2	6.6	5.7	2.6	5.2	6.5	6.1	4.6	4.0
57.5°	45.4	38.0	26.6	44.5	45.8	31.9	34.6	45.2	43.8	33.9	33.7
55°	114.4	116.0	124.5	135.8	144.1	148.0	151.4	168.4	186.6	204.4	213.3
52.5°	188.9	211.0	238.5	256.7	269.4	295.4	331.9	348.6	364.9	383.4	396.8
50°	278.2	316.6	344.2	348.2	391.6	419.7	426.3	457.7	491.9	513.2	528.5
47.5°	413.9	462.5	486.5	501.9	554.6	612.4	612.5	630.5	716.2	761.0	782.6
45°	596.2	636.7	679.2	789.6	891.2	923.5	992.5	1085.9	1146.7	1230.2	1322.1
42.5°	751.4	827.4	933.9	1055.6	1157.4	1242.2	1344.7	1457.0	1591.9	1718.8	1828.3
40°	905.0	999.1	1131.0	1263.3	1391.6	1509.1	1674.3	1818.7	1977.8	2152.4	2297.9
37.5°	1105.3	1225.9	1362.2	1529.1	1728.7	1859.1	2086.3	2293.8	2473.2	2684.0	2813.8
35°	1413.2	1570.3	1690.9	2028.3	2271.1	2423.6	2692.6	3033.7	3164.7	3430.1	3556.1
32.5°	1800.3	2008.9	2326.6	2773.3	3097.5	3378.2	3780.4	4126.5	4421.5	4688.1	4965.5
30°	2235.1	2557.2	3025.4	3619.0	3948.3	4341.5	4885.2	5295.7	5758.4	6266.3	6444.2
27.5°	2629.7	3112.1	3655.8	4136.6	4609.5	5099.3	5633.6	6160.9	6661.7	7084.3	7367.9
25°	2995.5	3579.7	4108.1	4621.9	5134.3	5685.9	6290.2	6888.2	7439.3	7874.2	8204.8
22.5°	3372.8	3990.0	4555.3	5076.6	5672.7	6297.7	6940.4	7626.2	8253.4	8704.6	9064.8
20°	3727.4	4414.0	5058.7	5652.3	6215.8	6937.3	7677.3	8404.9	9087.8	9625.2	10040.6
17.5°	4290.5	4886.4	5674.4	6445.5	7080.3	7743.1	8732.0	9482.9	10240.8	10884.4	11324.7
15°	4981.9	5637.2	6450.9	7509.8	8379.6	9139.1	10160.7	11382.2	12276.1	13097.8	13661.4
12.5°	5673.9	6415.1	7295.2	8486.9	9725.3	10619.9	11859.2	13407.1	14448.4	15720.4	16347.6
10°	6204.3	7135.0	8041.4	9128.9	10318.2	11592.1	12928.1	14376.2	15767.5	16859.8	17836.3
7.5°	6417.8	7409.2	8458.5	9568.0	10757.3	12071.9	13495.9	15002.8	16434.7	17654.7	18727.8
5°	6577.5	7593.2	8649.4	9784.0	11055.3	12428.1	13873.3	15455.4	16917.7	18225.3	19323.2
2.5°	6678.9	7704.2	8755.8	9909.4	11246.4	12660.1	14151.7	15775.6	17259.9	18606.0	19700.4
0°	<b>6717.8</b>	<b>7728.3</b>	<b>8805.2</b>	<b>9992.8</b>	<b>11316.5</b>	<b>12733.4</b>	<b>14289.5</b>	<b>15932.6</b>	<b>17428.6</b>	<b>18730.0</b>	<b>19856.0</b>
-2.5°	6723.1	7705.9	8808.4	9990.3	11256.8	12687.0	14261.8	15891.2	17356.8	18653.1	19789.0
-5°	6670.3	7652.7	8756.3	9920.2	11188.4	12607.9	14115.1	15689.7	17087.4	18349.0	19442.7
-7.5°	6563.3	7543.0	8622.2	9759.4	10993.5	12370.3	13818.0	15281.8	16653.1	17863.0	18906.8
-10°	6404.5	7363.6	8405.4	9513.6	10681.2	11990.8	13371.2	14769.8	16055.8	17174.7	18139.9
-12.5°	6189.6	7126.6	8121.4	9179.3	10266.2	11514.8	12818.2	14131.6	15303.7	16325.1	17191.2
-15°	5910.4	6825.5	7788.8	8789.3	9843.3	10972.4	12142.2	13346.8	14427.8	15333.7	16124.9
-17.5°	5581.6	6469.1	7383.9	8311.3	9311.4	10370.7	11456.6	12538.0	13460.0	14264.8	14988.3
-20°	5214.9	6070.1	6939.1	7803.6	8711.0	9690.7	10693.6	11643.5	12449.1	13180.4	13842.4



REPORT NUMBER: P627582 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-735-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°	4803.9	5622.4	6455.3	7264.4	8082.6	8969.7	9865.3	10724.4	11478.0	12103.5	12678.8
-25°	4363.9	5120.1	5906.6	6665.2	7418.3	8213.3	9026.8	9817.1	10480.4	11023.5	11498.9
-27.5°	3920.4	4611.5	5304.4	6018.6	6714.7	7448.3	8184.8	8867.5	9462.9	9962.9	10362.4
-30°	3454.4	4072.2	4705.0	5351.1	6015.8	6687.2	7352.6	7950.3	8470.1	8909.9	9255.2
-32.5°	3067.0	3536.3	4095.0	4681.6	5304.7	5916.4	6495.3	7040.1	7529.9	7913.9	8206.7
-35°	2695.7	3093.2	3511.6	4030.8	4566.1	5129.0	5661.5	6147.8	6584.4	6920.0	7195.4
-37.5°	2376.6	2690.9	3044.8	3415.4	3864.2	4329.5	4810.1	5267.4	5656.8	5949.5	6195.6
-40°	2100.3	2348.5	2631.3	2925.1	3255.3	3589.6	4008.0	4394.0	4711.8	4985.4	5208.3
-42.5°	1850.6	2060.0	2268.8	2509.9	2759.0	3027.7	3321.4	3606.9	3850.7	4079.7	4269.0
-45°	1635.0	1802.3	1968.7	2154.9	2337.8	2556.4	2766.2	2953.4	3150.9	3322.4	3457.3
-47.5°	1446.5	1577.0	1719.6	1858.9	2005.8	2170.4	2326.5	2468.9	2613.7	2739.1	2839.7
-50°	1278.9	1387.1	1503.6	1613.0	1731.8	1852.2	1967.7	2081.0	2190.9	2286.3	2360.5
-52.5°	1132.3	1226.8	1317.5	1404.7	1499.2	1588.3	1671.9	1765.4	1851.4	1926.6	1977.4
-55°	1007.4	1084.6	1159.0	1231.8	1303.2	1370.8	1437.4	1510.0	1576.4	1636.1	1673.9
-57.5°	890.2	955.9	1018.8	1078.3	1135.0	1188.7	1244.8	1300.6	1351.7	1396.8	1426.0
-60°	783.5	837.1	891.6	940.1	985.9	1028.8	1076.0	1120.7	1162.0	1196.6	1216.9
-62.5°	685.8	733.9	774.1	812.5	851.4	890.0	923.6	956.6	988.4	1015.2	1032.9
-65°	583.6	624.4	658.6	689.5	717.3	747.3	775.9	801.8	824.7	842.2	853.4
-67.5°	492.2	522.2	549.6	574.1	599.0	623.0	645.0	664.7	681.9	694.1	702.2
-70°	412.8	435.7	458.1	480.4	502.5	521.2	537.2	551.9	565.2	570.8	573.2
-72.5°	343.0	363.3	383.0	402.7	421.1	435.7	447.5	458.2	467.9	459.6	445.0
-75°	279.7	297.6	316.0	333.4	349.6	360.8	369.5	377.6	384.9	366.8	341.9
-77.5°	227.9	243.7	257.3	270.9	284.2	291.4	296.9	302.3	307.5	287.3	261.9
-80°	169.1	181.8	193.4	204.8	216.0	220.2	222.6	224.3	225.2	207.9	188.0
-82.5°	114.2	120.8	127.2	133.8	140.7	144.2	146.9	148.9	150.4	138.1	124.3
-85°	64.0	66.0	67.6	68.9	70.0	72.3	74.4	76.3	78.1	72.3	65.9
-87.5°	22.0	22.0	21.9	21.7	21.5	21.5	21.5	21.5	21.3	20.4	19.5
-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: P627582 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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	0.3
62.5°	1.4	1.5	1.6	1.6	1.6	1.5	1.4	1.3	1.1	1.1	1.1
60°	3.1	1.9	1.6	1.6	1.6	1.9	3.1	4.0	4.6	6.1	6.5
57.5°	31.5	27.4	24.6	22.1	24.6	27.4	31.5	33.7	33.9	43.8	45.2
55°	209.4	195.0	177.4	156.6	177.4	195.0	209.4	213.3	204.4	186.6	168.4
52.5°	410.8	424.5	432.4	431.7	432.4	424.5	410.8	396.8	383.4	364.9	348.6
50°	540.8	548.2	548.6	542.4	548.6	548.2	540.8	528.5	513.2	491.9	457.7
47.5°	792.3	781.9	764.0	744.8	764.0	781.9	792.3	782.6	761.0	716.2	630.5
45°	1382.5	1415.9	1413.7	1371.1	1413.7	1415.9	1382.5	1322.1	1230.2	1146.7	1085.9
42.5°	1889.4	1939.3	1974.6	1992.6	1974.6	1939.3	1889.4	1828.3	1718.8	1591.9	1457.0
40°	2379.8	2428.0	2449.2	2448.0	2449.2	2428.0	2379.8	2297.9	2152.4	1977.8	1818.7
37.5°	2898.0	2960.4	2990.6	2976.2	2990.6	2960.4	2898.0	2813.8	2684.0	2473.2	2293.8
35°	3610.6	3669.0	3670.1	3640.4	3670.1	3669.0	3610.6	3556.1	3430.1	3164.7	3033.7
32.5°	5185.6	5205.2	5055.2	5002.0	5055.2	5205.2	5185.6	4965.5	4688.1	4421.5	4126.5
30°	6621.3	6759.7	6888.4	6953.4	6888.4	6759.7	6621.3	6444.2	6266.3	5758.4	5295.7
27.5°	7581.7	7748.2	7851.4	7858.0	7851.4	7748.2	7581.7	7367.9	7084.3	6661.7	6160.9
25°	8455.3	8641.5	8754.0	8792.6	8754.0	8641.5	8455.3	8204.8	7874.2	7439.3	6888.2
22.5°	9370.5	9590.0	9735.4	9765.1	9735.4	9590.0	9370.5	9064.8	8704.6	8253.4	7626.2
20°	10432.3	10687.7	10827.2	10821.5	10827.2	10687.7	10432.3	10040.6	9625.2	9087.8	8404.9
17.5°	11830.3	12104.2	12224.6	12172.0	12224.6	12104.2	11830.3	11324.7	10884.4	10240.8	9482.9
15°	14240.0	14813.0	14810.7	14582.0	14810.7	14813.0	14240.0	13661.4	13097.8	12276.1	11382.2
12.5°	17212.4	17639.5	18077.6	18171.8	18077.6	17639.5	17212.4	16347.6	15720.4	14448.4	13407.1
10°	18658.7	19225.9	19600.2	19590.3	19600.2	19225.9	18658.7	17836.3	16859.8	15767.5	14376.2
7.5°	19563.6	20190.2	20643.8	20634.0	20643.8	20190.2	19563.6	18727.8	17654.7	16434.7	15002.8
5°	20261.8	20956.9	21358.6	21388.4	21358.6	20956.9	20261.8	19323.2	18225.3	16917.7	15455.4
2.5°	20624.7	21350.0	21833.1	21769.5	21833.1	21350.0	20624.7	19700.4	18606.0	17259.9	15775.6
0°	20776.4	21494.3	21945.0	22139.5	21945.0	21494.3	20776.4	19856.0	18730.0	17428.6	15932.6
-2.5°	20710.1	21408.7	21906.8	21926.0	21906.8	21408.7	20710.1	19789.0	18653.1	17356.8	15891.2
-5°	20355.3	21092.4	21426.2	21603.4	21426.2	21092.4	20355.3	19442.7	18349.0	17087.4	15689.7
-7.5°	19783.0	20335.4	20759.4	20955.1	20759.4	20335.4	19783.0	18906.8	17863.0	16653.1	15281.8
-10°	18892.4	19464.3	19822.6	19984.1	19822.6	19464.3	18892.4	18139.9	17174.7	16055.8	14769.8
-12.5°	17905.7	18425.5	18766.1	18902.4	18766.1	18425.5	17905.7	17191.2	16325.1	15303.7	14131.6
-15°	16805.0	17276.9	17590.3	17721.1	17590.3	17276.9	16805.0	16124.9	15333.7	14427.8	13346.8
-17.5°	15593.2	16006.7	16319.1	16413.3	16319.1	16006.7	15593.2	14988.3	14264.8	13460.0	12538.0
-20°	14347.2	14721.1	14978.3	15034.3	14978.3	14721.1	14347.2	13842.4	13180.4	12449.1	11643.5



REPORT NUMBER: P627582 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	13091.7	13399.7	13608.7	13679.1	13608.7	13399.7	13091.7	12678.8	12103.5	11478.0	10724.4
-25°	11864.8	12130.6	12298.8	12361.8	12298.8	12130.6	11864.8	11498.9	11023.5	10480.4	9817.1
-27.5°	10684.8	10932.5	11087.0	11107.7	11087.0	10932.5	10684.8	10362.4	9962.9	9462.9	8867.5
-30°	9523.7	9728.4	9847.4	9897.9	9847.4	9728.4	9523.7	9255.2	8909.9	8470.1	7950.3
-32.5°	8438.6	8617.4	8724.4	8753.0	8724.4	8617.4	8438.6	8206.7	7913.9	7529.9	7040.1
-35°	7414.3	7579.4	7674.3	7666.6	7674.3	7579.4	7414.3	7195.4	6920.0	6584.4	6147.8
-37.5°	6398.9	6551.2	6637.3	6629.2	6637.3	6551.2	6398.9	6195.6	5949.5	5656.8	5267.4
-40°	5391.5	5523.0	5598.7	5617.1	5598.7	5523.0	5391.5	5208.3	4985.4	4711.8	4394.0
-42.5°	4426.4	4547.7	4608.4	4584.5	4608.4	4547.7	4426.4	4269.0	4079.7	3850.7	3606.9
-45°	3551.8	3614.5	3655.8	3681.5	3655.8	3614.5	3551.8	3457.3	3322.4	3150.9	2953.4
-47.5°	2913.3	2965.3	2993.4	2998.3	2993.4	2965.3	2913.3	2839.7	2739.1	2613.7	2468.9
-50°	2418.2	2462.5	2482.0	2476.5	2482.0	2462.5	2418.2	2360.5	2286.3	2190.9	2081.0
-52.5°	2014.0	2039.6	2056.9	2065.3	2056.9	2039.6	2014.0	1977.4	1926.6	1851.4	1765.4
-55°	1702.4	1722.4	1734.1	1738.0	1734.1	1722.4	1702.4	1673.9	1636.1	1576.4	1510.0
-57.5°	1450.4	1469.4	1476.3	1473.9	1476.3	1469.4	1450.4	1426.0	1396.8	1351.7	1300.6
-60°	1232.5	1243.3	1251.5	1255.6	1251.5	1243.3	1232.5	1216.9	1196.6	1162.0	1120.7
-62.5°	1047.0	1057.2	1065.7	1070.6	1065.7	1057.2	1047.0	1032.9	1015.2	988.4	956.6
-65°	861.2	865.6	866.9	865.0	866.9	865.6	861.2	853.4	842.2	824.7	801.8
-67.5°	708.1	711.9	714.4	714.8	714.4	711.9	708.1	702.2	694.1	681.9	664.7
-70°	575.7	577.2	575.4	570.9	575.4	577.2	575.7	573.2	570.8	565.2	551.9
-72.5°	430.0	414.2	398.5	381.1	398.5	414.2	430.0	445.0	459.6	467.9	458.2
-75°	316.1	289.5	279.8	270.4	279.8	289.5	316.1	341.9	366.8	384.9	377.6
-77.5°	235.2	207.4	199.9	192.9	199.9	207.4	235.2	261.9	287.3	307.5	302.3
-80°	167.1	145.4	140.6	136.0	140.6	145.4	167.1	188.0	207.9	225.2	224.3
-82.5°	109.8	94.7	91.7	88.6	91.7	94.7	109.8	124.3	138.1	150.4	148.9
-85°	59.1	52.0	50.5	49.0	50.5	52.0	59.1	65.9	72.3	78.1	76.3
-87.5°	18.4	17.3	17.4	17.4	17.4	17.3	18.4	19.5	20.4	21.3	21.5
-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: P627582 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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	0.4	0.7	1.0	1.3	1.3	1.2	1.2	1.1
85°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6
82.5°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6
80°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.0	0.1	0.5	1.0	1.4	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.3	1.6	1.6	1.6
67.5°	0.0	0.0	0.3	0.7	0.8	0.8	0.7	0.8	1.2	1.6	1.6
65°	0.4	0.3	0.4	0.8	1.2	1.6	1.6	1.5	1.4	1.7	1.6
62.5°	1.3	1.6	1.5	1.4	1.4	2.0	2.1	2.2	2.0	2.5	3.6
60°	5.2	2.6	5.7	6.6	5.2	5.1	9.0	8.4	3.2	11.9	14.4
57.5°	34.6	31.9	45.8	44.5	26.6	38.0	45.4	30.5	21.2	33.7	40.6
55°	151.4	148.0	144.1	135.8	124.5	116.0	114.4	114.1	90.6	65.7	74.6
52.5°	331.9	295.4	269.4	256.7	238.5	211.0	188.9	184.6	179.0	148.1	122.4
50°	426.3	419.7	391.6	348.2	344.2	316.6	278.2	251.7	248.3	227.1	188.2
47.5°	612.5	612.4	554.6	501.9	486.5	462.5	413.9	342.4	335.9	317.9	274.4
45°	992.5	923.5	891.2	789.6	679.2	636.7	596.2	510.1	439.8	412.2	381.6
42.5°	1344.7	1242.2	1157.4	1055.6	933.9	827.4	751.4	656.9	571.9	513.2	469.4
40°	1674.3	1509.1	1391.6	1263.3	1131.0	999.1	905.0	786.2	689.4	610.5	564.2
37.5°	2086.3	1859.1	1728.7	1529.1	1362.2	1225.9	1105.3	954.2	798.7	734.5	677.0
35°	2692.6	2423.6	2271.1	2028.3	1690.9	1570.3	1413.2	1186.8	990.0	880.1	809.0
32.5°	3780.4	3378.2	3097.5	2773.3	2326.6	2008.9	1800.3	1548.4	1233.1	1075.0	957.1
30°	4885.2	4341.5	3948.3	3619.0	3025.4	2557.2	2235.1	1878.6	1538.8	1281.9	1121.9
27.5°	5633.6	5099.3	4609.5	4136.6	3655.8	3112.1	2629.7	2172.0	1800.5	1513.3	1306.5
25°	6290.2	5685.9	5134.3	4621.9	4108.1	3579.7	2995.5	2481.2	2045.0	1716.4	1446.6
22.5°	6940.4	6297.7	5672.7	5076.6	4555.3	3990.0	3372.8	2780.9	2279.7	1939.3	1615.1
20°	7677.3	6937.3	6215.8	5652.3	5058.7	4414.0	3727.4	3163.2	2672.1	2205.8	1799.4
17.5°	8732.0	7743.1	7080.3	6445.5	5674.4	4886.4	4290.5	3698.9	3094.2	2487.3	1992.8
15°	10160.7	9139.1	8379.6	7509.8	6450.9	5637.2	4981.9	4263.5	3547.3	2820.5	2223.0
12.5°	11859.2	10619.9	9725.3	8486.9	7295.2	6415.1	5673.9	4869.9	3989.9	3121.7	2437.0
10°	12928.1	11592.1	10318.2	9128.9	8041.4	7135.0	6204.3	5222.4	4243.7	3349.0	2622.2
7.5°	13495.9	12071.9	10757.3	9568.0	8458.5	7409.2	6417.8	5429.1	4447.8	3526.5	2778.7
5°	13873.3	12428.1	11055.3	9784.0	8649.4	7593.2	6577.5	5569.1	4601.4	3657.4	2906.7
2.5°	14151.7	12660.1	11246.4	9909.4	8755.8	7704.2	6678.9	5650.7	4681.5	3727.6	2951.3
0°	14289.5	12733.4	11316.5	9992.8	8805.2	7728.3	6717.8	5680.4	4699.9	3757.4	2969.9
-2.5°	14261.8	12687.0	11256.8	9990.3	8808.4	7705.9	6723.1	5696.4	4705.0	3779.7	2983.0
-5°	14115.1	12607.9	11188.4	9920.2	8756.3	7652.7	6670.3	5661.6	4668.1	3761.9	2970.5
-7.5°	13818.0	12370.3	10993.5	9759.4	8622.2	7543.0	6563.3	5576.1	4593.3	3700.6	2933.4
-10°	13371.2	11990.8	10681.2	9513.6	8405.4	7363.6	6404.5	5431.6	4470.0	3599.8	2869.2
-12.5°	12818.2	11514.8	10266.2	9179.3	8121.4	7126.6	6189.6	5227.9	4298.5	3459.8	2777.6
-15°	12142.2	10972.4	9843.3	8789.3	7788.8	6825.5	5910.4	4974.4	4080.4	3279.6	2658.7
-17.5°	11456.6	10370.7	9311.4	8311.3	7383.9	6469.1	5581.6	4692.5	3837.1	3085.2	2519.5
-20°	10693.6	9690.7	8711.0	7803.6	6939.1	6070.1	5214.9	4359.9	3558.5	2903.3	2396.3



REPORT NUMBER: P627582 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-735-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°	9865.3	8969.7	8082.6	7264.4	6455.3	5622.4	4803.9	3996.7	3236.5	2699.2	2256.6
-25°	9026.8	8213.3	7418.3	6665.2	5906.6	5120.1	4363.9	3626.9	2998.4	2506.6	2105.8
-27.5°	8184.8	7448.3	6714.7	6018.6	5304.4	4611.5	3920.4	3252.4	2740.5	2322.4	1965.1
-30°	7352.6	6687.2	6015.8	5351.1	4705.0	4072.2	3454.4	2948.3	2503.4	2125.5	1807.9
-32.5°	6495.3	5916.4	5304.7	4681.6	4095.0	3536.3	3067.0	2640.6	2255.9	1944.3	1667.9
-35°	5661.5	5129.0	4566.1	4030.8	3511.6	3093.2	2695.7	2347.0	2039.4	1763.4	1528.3
-37.5°	4810.1	4329.5	3864.2	3415.4	3044.8	2690.9	2376.6	2091.8	1826.1	1606.5	1404.1
-40°	4008.0	3589.6	3255.3	2925.1	2631.3	2348.5	2100.3	1855.7	1650.4	1457.2	1283.0
-42.5°	3321.4	3027.7	2759.0	2509.9	2268.8	2060.0	1850.6	1660.2	1481.1	1319.2	1174.5
-45°	2766.2	2556.4	2337.8	2154.9	1968.7	1802.3	1635.0	1478.1	1327.7	1195.6	1067.3
-47.5°	2326.5	2170.4	2005.8	1858.9	1719.6	1577.0	1446.5	1311.3	1194.6	1077.0	970.0
-50°	1967.7	1852.2	1731.8	1613.0	1503.6	1387.1	1278.9	1172.5	1069.9	972.3	874.9
-52.5°	1671.9	1588.3	1499.2	1404.7	1317.5	1226.8	1132.3	1046.8	958.3	872.3	787.1
-55°	1437.4	1370.8	1303.2	1231.8	1159.0	1084.6	1007.4	930.6	854.5	776.1	711.8
-57.5°	1244.8	1188.7	1135.0	1078.3	1018.8	955.9	890.2	821.5	759.2	700.0	641.6
-60°	1076.0	1028.8	985.9	940.1	891.6	837.1	783.5	729.6	675.5	624.1	574.1
-62.5°	923.6	890.0	851.4	812.5	774.1	733.9	685.8	638.2	592.4	548.3	507.0
-65°	775.9	747.3	717.3	689.5	658.6	624.4	583.6	546.4	510.5	474.2	440.1
-67.5°	645.0	623.0	599.0	574.1	549.6	522.2	492.2	461.3	432.5	402.8	377.3
-70°	537.2	521.2	502.5	480.4	458.1	435.7	412.8	388.5	362.3	335.6	315.1
-72.5°	447.5	435.7	421.1	402.7	383.0	363.3	343.0	321.5	298.3	273.6	253.9
-75°	369.5	360.8	349.6	333.4	316.0	297.6	279.7	260.1	237.6	212.2	192.3
-77.5°	296.9	291.4	284.2	270.9	257.3	243.7	227.9	205.0	182.2	160.6	145.9
-80°	222.6	220.2	216.0	204.8	193.4	181.8	169.1	151.6	135.0	119.4	107.4
-82.5°	146.9	144.2	140.7	133.8	127.2	120.8	114.2	102.5	91.0	79.8	70.1
-85°	74.4	72.3	70.0	68.9	67.6	66.0	64.0	57.3	50.8	44.7	39.3
-87.5°	21.5	21.5	21.5	21.7	21.9	22.0	22.0	20.4	18.8	17.2	15.6
-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: P627582 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-735-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°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.5
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.2	1.1	1.0
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6
67.5°	1.6	1.6	1.6	1.7	1.6	1.6	1.6	2.0	2.1	1.6	1.6
65°	1.6	1.6	1.7	2.3	2.2	1.6	1.6	3.1	2.6	2.3	1.6
62.5°	3.1	1.6	4.1	5.5	3.5	2.9	2.3	6.6	4.2	3.0	2.2
60°	7.2	5.9	11.0	16.9	12.2	4.7	6.9	11.3	10.5	3.8	3.0
57.5°	36.6	16.7	24.7	32.2	30.6	17.2	14.0	19.4	17.7	10.3	4.1
55°	75.9	64.6	51.4	51.1	51.7	40.9	29.1	30.1	26.6	18.9	6.0
52.5°	115.4	111.9	99.6	81.2	74.5	67.3	55.1	42.6	39.5	28.3	14.8
50°	164.5	155.5	145.8	126.9	102.9	93.5	80.8	65.0	53.8	39.5	24.6
47.5°	220.7	205.1	190.4	172.1	145.8	121.0	106.9	88.2	69.5	54.2	34.4
45°	308.4	257.5	237.7	216.5	189.5	158.5	134.1	111.1	90.0	69.0	44.4
42.5°	398.5	327.6	286.2	262.3	233.9	199.0	162.3	136.5	110.3	83.7	56.0
40°	489.1	401.4	338.6	308.8	280.0	239.5	198.3	163.0	130.1	99.0	68.8
37.5°	587.1	484.1	399.0	357.1	326.7	283.0	234.9	190.1	150.4	115.6	81.4
35°	709.0	582.0	464.7	413.0	372.2	327.4	271.0	219.6	174.7	132.3	93.8
32.5°	846.0	690.2	559.0	473.9	418.5	372.6	309.6	252.8	199.6	149.0	106.1
30°	982.3	801.4	648.4	534.3	467.6	414.9	350.6	286.3	225.1	165.7	118.5
27.5°	1086.3	897.5	732.2	606.8	522.0	457.1	391.6	319.8	251.0	184.0	132.1
25°	1192.6	986.4	813.4	677.8	575.4	500.1	430.9	353.4	278.5	205.1	145.4
22.5°	1316.7	1070.8	881.9	742.0	631.8	543.7	468.4	387.4	306.4	226.0	158.3
20°	1438.2	1148.7	944.9	816.8	693.6	592.4	505.2	419.8	333.7	246.5	170.8
17.5°	1562.7	1258.0	1049.5	894.3	757.3	640.6	541.6	450.6	360.2	266.5	182.8
15°	1750.3	1404.3	1155.1	970.9	819.0	687.8	577.2	479.5	385.7	285.8	193.5
12.5°	1927.1	1541.9	1257.4	1045.7	878.2	733.5	611.8	506.7	410.1	301.8	202.5
10°	2083.4	1670.0	1355.5	1117.8	934.4	777.5	644.9	528.0	424.5	314.7	210.4
7.5°	2219.4	1787.6	1448.0	1186.5	982.4	807.2	661.8	539.2	435.5	325.9	217.4
5°	2323.4	1867.6	1498.8	1213.9	1000.4	820.8	673.8	548.2	444.2	335.5	223.5
2.5°	2357.8	1894.3	1518.9	1229.4	1013.5	830.6	683.1	555.1	450.8	343.4	228.5
0°	2373.7	1907.2	1529.2	1238.2	1021.6	836.6	689.5	559.8	455.4	349.5	232.5
-2.5°	2391.2	1924.7	1543.7	1252.0	1030.1	844.7	696.3	567.2	462.0	356.3	239.2
-5°	2389.9	1928.0	1548.4	1258.7	1033.4	849.1	700.1	572.5	466.7	361.3	244.8
-7.5°	2364.6	1913.1	1542.4	1257.4	1031.6	849.6	701.2	575.6	469.7	364.5	249.2
-10°	2319.5	1882.0	1525.1	1246.0	1024.8	845.8	699.5	576.6	470.8	365.9	252.3
-12.5°	2255.8	1837.9	1497.1	1227.3	1012.6	837.9	694.4	573.9	470.1	365.4	254.1
-15°	2174.0	1781.0	1458.5	1201.5	995.0	826.2	686.2	568.3	466.0	362.8	254.4
-17.5°	2075.2	1712.0	1409.2	1168.6	971.9	810.5	674.9	560.6	460.5	358.1	253.9
-20°	1983.4	1639.2	1352.4	1128.7	943.4	791.1	660.5	550.8	453.5	352.2	252.7

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REPORT NUMBER: P627582 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	1880.8	1563.7	1302.0	1090.5	913.2	767.9	643.0	538.8	445.3	345.3	250.5
-25°	1763.4	1478.2	1244.4	1048.0	883.9	745.7	625.0	524.8	435.8	337.3	247.1
-27.5°	1653.0	1389.9	1179.9	998.9	849.9	720.1	607.2	511.8	424.8	328.5	242.7
-30°	1540.4	1313.0	1118.0	947.4	812.5	691.6	587.2	497.9	412.5	320.8	237.4
-32.5°	1426.0	1229.3	1051.8	902.9	776.3	660.9	565.4	483.0	399.6	313.1	232.9
-35°	1327.6	1146.9	980.7	855.0	739.2	634.8	543.6	467.1	386.3	304.5	228.0
-37.5°	1222.9	1063.3	925.3	807.4	699.4	606.2	522.7	448.5	372.6	294.8	222.2
-40°	1129.3	985.3	865.6	761.4	663.5	575.4	499.4	428.6	359.9	284.1	215.3
-42.5°	1033.8	914.4	807.5	711.8	627.5	547.1	474.1	407.4	343.3	274.3	207.5
-45°	950.2	841.8	747.3	666.8	589.9	516.3	449.2	385.3	325.6	264.1	199.3
-47.5°	863.8	771.8	691.2	619.9	552.9	484.4	423.1	364.9	307.2	252.8	190.9
-50°	783.2	705.5	638.4	574.5	512.0	454.4	396.9	343.9	290.5	237.9	181.5
-52.5°	711.6	646.8	587.1	528.9	475.2	423.2	373.5	322.5	273.0	223.1	171.0
-55°	648.2	590.5	536.8	486.5	438.4	395.4	349.5	302.4	254.8	207.9	159.9
-57.5°	587.6	535.6	490.0	445.2	404.2	366.8	326.2	281.6	236.5	191.9	150.0
-60°	526.6	484.8	444.2	406.6	371.1	337.3	302.7	260.1	217.4	175.4	138.0
-62.5°	468.2	433.1	401.9	368.8	336.3	306.5	278.5	237.9	197.6	159.1	124.8
-65°	410.9	384.0	358.8	327.7	299.5	274.6	251.3	214.9	176.8	141.8	110.9
-67.5°	354.1	331.9	309.4	284.2	263.2	242.9	222.3	189.4	154.8	123.6	96.9
-70°	296.7	278.0	261.9	245.9	228.5	210.5	190.0	161.9	131.7	106.3	82.4
-72.5°	240.6	229.1	219.5	208.2	193.4	176.5	157.2	134.3	110.8	88.5	67.5
-75°	185.3	182.9	180.0	172.8	158.6	142.7	127.2	109.6	89.4	70.2	55.0
-77.5°	145.9	145.0	143.0	137.9	125.5	112.6	99.1	84.3	68.9	55.7	43.2
-80°	108.1	108.0	107.0	103.9	93.3	82.4	73.0	63.5	52.2	41.5	31.2
-82.5°	71.1	72.1	72.6	71.7	64.5	57.5	50.7	43.9	35.2	26.9	20.9
-85°	40.6	41.3	41.5	41.0	36.6	32.4	29.5	26.6	22.0	17.8	14.0
-87.5°	16.8	17.8	18.5	19.0	17.6	16.2	14.8	13.3	11.0	8.9	7.0
-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: P627582 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.6	1.4	1.1	0.8	0.6	0.3	0.0
77.5°	1.6	1.6	1.4	1.0	0.7	0.3	0.0
75°	1.6	1.6	1.6	1.2	0.8	0.4	0.0
72.5°	1.6	1.6	1.6	1.4	1.0	0.5	0.0
70°	1.6	1.6	1.6	1.6	1.1	0.5	0.0
67.5°	1.7	1.6	1.6	1.6	1.2	0.6	0.0
65°	1.9	1.8	1.6	1.6	1.4	0.7	0.0
62.5°	2.2	2.1	1.6	1.6	1.5	0.7	0.0
60°	2.5	2.5	1.6	1.6	1.6	0.8	0.0
57.5°	4.3	3.0	2.0	1.6	1.6	0.9	0.0
55°	6.5	3.5	2.5	1.6	1.6	0.9	0.0
52.5°	9.1	4.4	3.0	1.6	1.7	1.0	0.0
50°	12.0	7.1	3.5	1.6	1.7	1.0	0.0
47.5°	16.1	10.0	4.1	1.7	1.7	1.1	0.0
45°	24.6	13.1	4.6	2.1	1.8	1.1	0.0
42.5°	33.2	16.4	5.2	2.6	1.8	1.2	0.0
40°	41.7	19.9	6.9	3.1	1.9	1.2	0.0
37.5°	50.1	23.5	9.6	3.8	2.0	1.3	0.0
35°	58.5	29.2	12.3	4.5	2.0	1.3	0.0
32.5°	67.3	35.8	15.1	5.3	2.1	1.3	0.0
30°	77.2	42.3	17.9	6.2	2.2	1.4	0.0
27.5°	86.8	48.5	21.1	7.1	2.3	1.4	0.0
25°	96.0	54.5	24.3	8.0	2.3	1.5	0.0
22.5°	104.8	60.4	27.4	9.0	2.4	1.5	0.0
20°	113.3	66.1	30.4	10.0	2.5	1.5	0.0
17.5°	121.1	71.4	33.2	11.0	2.6	1.5	0.0
15°	128.3	76.4	36.0	12.0	2.7	1.5	0.0
12.5°	134.8	81.0	38.6	13.0	2.8	1.6	0.0
10°	140.8	85.3	41.1	14.0	2.9	1.6	0.0
7.5°	146.1	89.1	43.4	14.9	3.0	1.6	0.0
5°	150.8	92.5	45.5	15.8	3.0	1.6	0.0
2.5°	154.8	95.5	47.3	16.6	3.1	1.6	0.0
0°	158.1	98.0	49.0	17.4	3.2	1.6	0.0
-2.5°	162.4	101.1	51.2	18.5	3.7	1.7	0.0
-5°	166.0	103.7	53.2	19.5	4.1	1.8	0.0
-7.5°	168.8	105.8	54.9	20.4	4.6	1.9	0.0
-10°	170.8	107.4	56.3	21.2	5.0	2.0	0.0
-12.5°	172.0	108.4	57.3	21.9	5.4	2.1	0.0
-15°	172.4	108.9	58.0	22.5	5.8	2.1	0.0
-17.5°	171.9	108.9	58.3	22.9	6.2	2.2	0.0
-20°	171.4	108.3	58.3	23.2	6.5	2.3	0.0

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CATALOG NUMBER: GFLD-SA5B-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	171.5	107.1	57.8	23.3	6.8	2.3	0.0
-25°	170.7	106.7	56.9	23.3	7.1	2.4	0.0
-27.5°	169.1	106.2	55.6	23.2	7.3	2.4	0.0
-30°	166.6	105.1	54.0	22.8	7.4	2.4	0.0
-32.5°	163.3	103.3	53.3	22.3	7.6	2.4	0.0
-35°	160.1	100.8	52.2	21.7	7.6	2.4	0.0
-37.5°	156.4	98.1	50.6	20.9	7.7	2.4	0.0
-40°	151.9	95.7	48.6	19.9	7.6	2.4	0.0
-42.5°	146.5	92.7	47.2	18.9	7.6	2.4	0.0
-45°	140.3	89.1	46.3	18.2	7.4	2.3	0.0
-47.5°	133.2	84.9	44.8	17.2	7.3	2.3	0.0
-50°	127.0	80.1	43.0	16.9	7.0	2.2	0.0
-52.5°	120.3	74.7	40.6	16.7	6.8	2.1	0.0
-55°	112.9	70.3	37.8	16.2	6.4	2.0	0.0
-57.5°	104.8	65.5	34.5	15.6	6.1	1.9	0.0
-60°	96.1	60.1	31.0	14.7	5.7	1.8	0.0
-62.5°	87.7	54.1	28.8	13.7	5.3	1.7	0.0
-65°	78.4	47.4	26.3	12.5	4.9	1.6	0.0
-67.5°	68.4	41.5	23.6	11.1	4.5	1.4	0.0
-70°	57.7	36.4	20.5	9.6	4.1	1.3	0.0
-72.5°	49.0	30.9	17.2	8.4	3.7	1.2	0.0
-75°	40.3	25.1	13.7	7.4	3.2	1.0	0.0
-77.5°	31.0	18.9	11.3	6.2	2.7	0.8	0.0
-80°	21.5	14.4	9.1	5.0	2.2	0.7	0.0
-82.5°	15.8	10.9	6.9	3.8	1.6	0.5	0.0
-85°	10.6	7.3	4.6	2.6	1.1	0.3	0.0
-87.5°	5.3	3.7	2.3	1.3	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)