

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: P627162 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627162 (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-SA3C-735-U-WR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

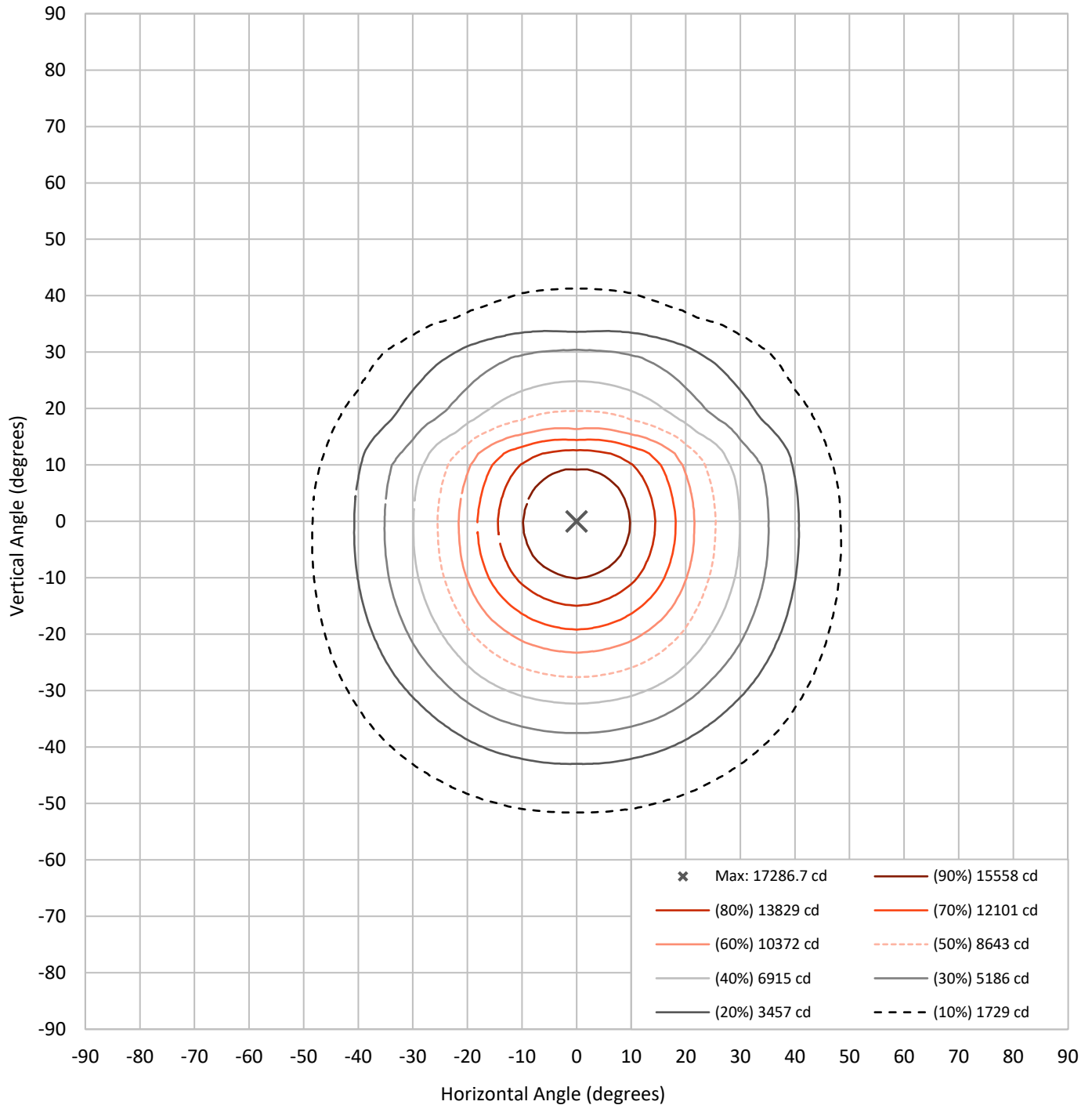
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	15250.5 lumens	Max Intensity:	17286.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	125.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	7342.4 lumens	Field Lumens:	13654.5 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	121.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





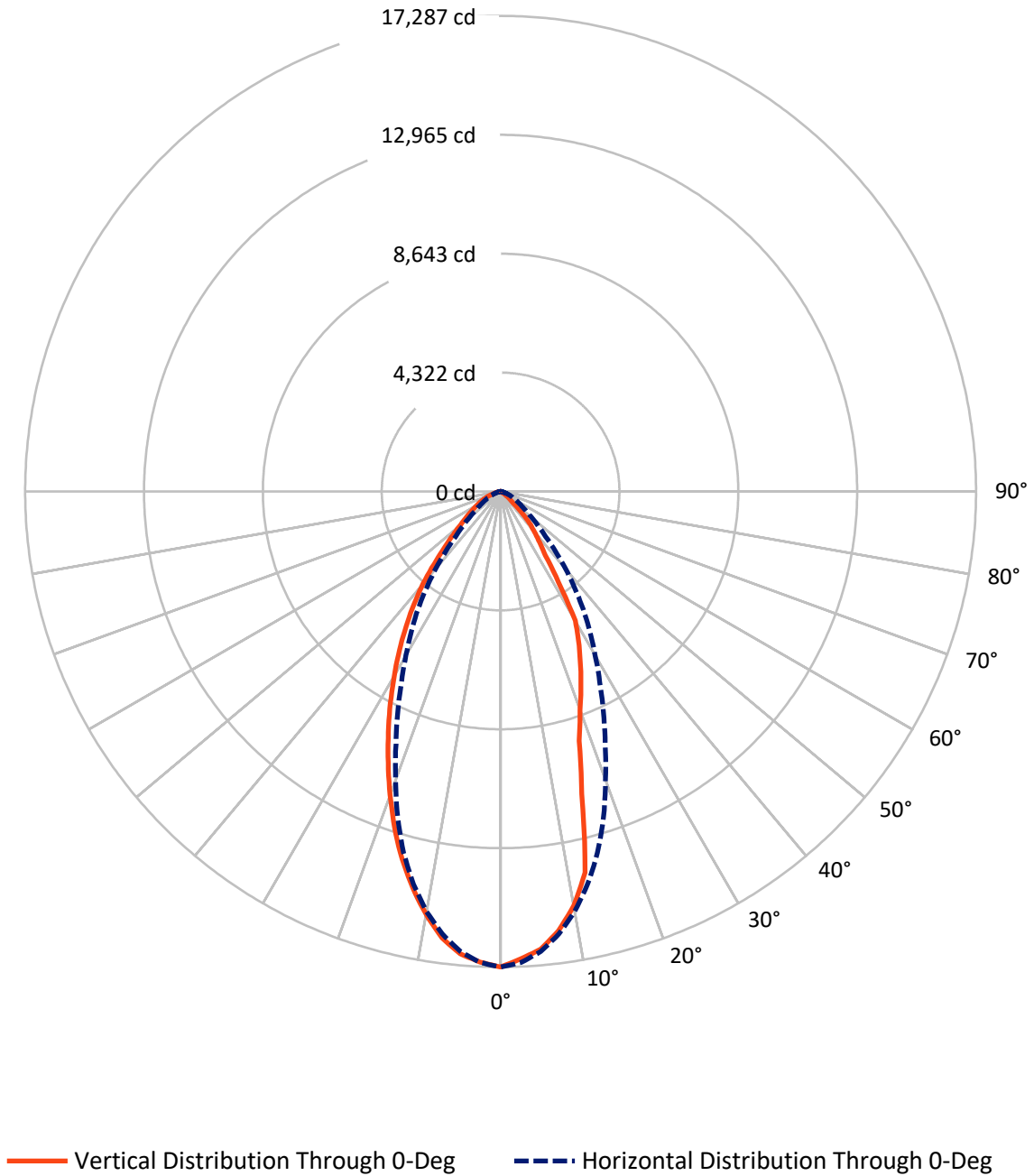
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### Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
70																			
60	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
50		0.3	0.8	1.4	2.4	3.5	4.8	5.4	5.4	4.8	3.5	2.4	1.4	0.8	0.3				
40	0.7	1.2	3.0	6.2	11.4	18.6	26.9	32.9	32.9	26.9	18.6	11.4	6.2	3.0	1.2			0.7	
30		2.3	5.9	13.8	28.5	52.3	80.0	96.2	96.2	80.0	52.3	28.5	13.8	5.9	2.3				
20	1.7	3.6	9.7	25.0	59.2	111.2	169.3	204.0	204.0	169.3	111.2	59.2	25.0	9.7	3.6			1.7	
10		4.9	13.8	39.2	97.4	180.2	281.6	348.2	348.2	281.6	180.2	97.4	39.2	13.8	4.9				
0	2.4	5.8	17.3	50.8	128.0	238.5	383.0	485.6	485.6	383.0	238.5	128.0	50.8	17.3	5.8			2.4	
-10		6.0	18.0	52.4	129.8	242.0	386.9	488.6	488.6	386.9	242.0	129.8	52.4	18.0	6.0				
-20	2.5	5.9	17.1	46.7	115.0	212.5	327.5	404.1	404.1	327.5	212.5	115.0	46.7	17.1	5.9			2.5	
-30		5.4	14.8	36.6	85.8	160.2	238.7	286.2	286.2	238.7	160.2	85.8	36.6	14.8	5.4				
-40	2.1	4.8	12.0	26.4	54.0	99.4	149.9	178.5	178.5	149.9	99.4	54.0	26.4	12.0	4.8			2.1	
-50		4.0	9.2	18.2	32.5	52.0	74.6	88.8	88.8	74.6	52.0	32.5	18.2	9.2	4.0				
-60	1.4	3.1	6.7	12.2	19.8	28.5	36.9	41.7	41.7	36.9	28.5	19.8	12.2	6.7	3.1			1.4	
-70		2.2	4.5	7.5	11.5	15.7	19.2	20.9	20.9	19.2	15.7	11.5	7.5	4.5	2.2				
-80	0.4	4.3	11.2	20.0	18.3	20.0	11.2	4.3	0.4										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

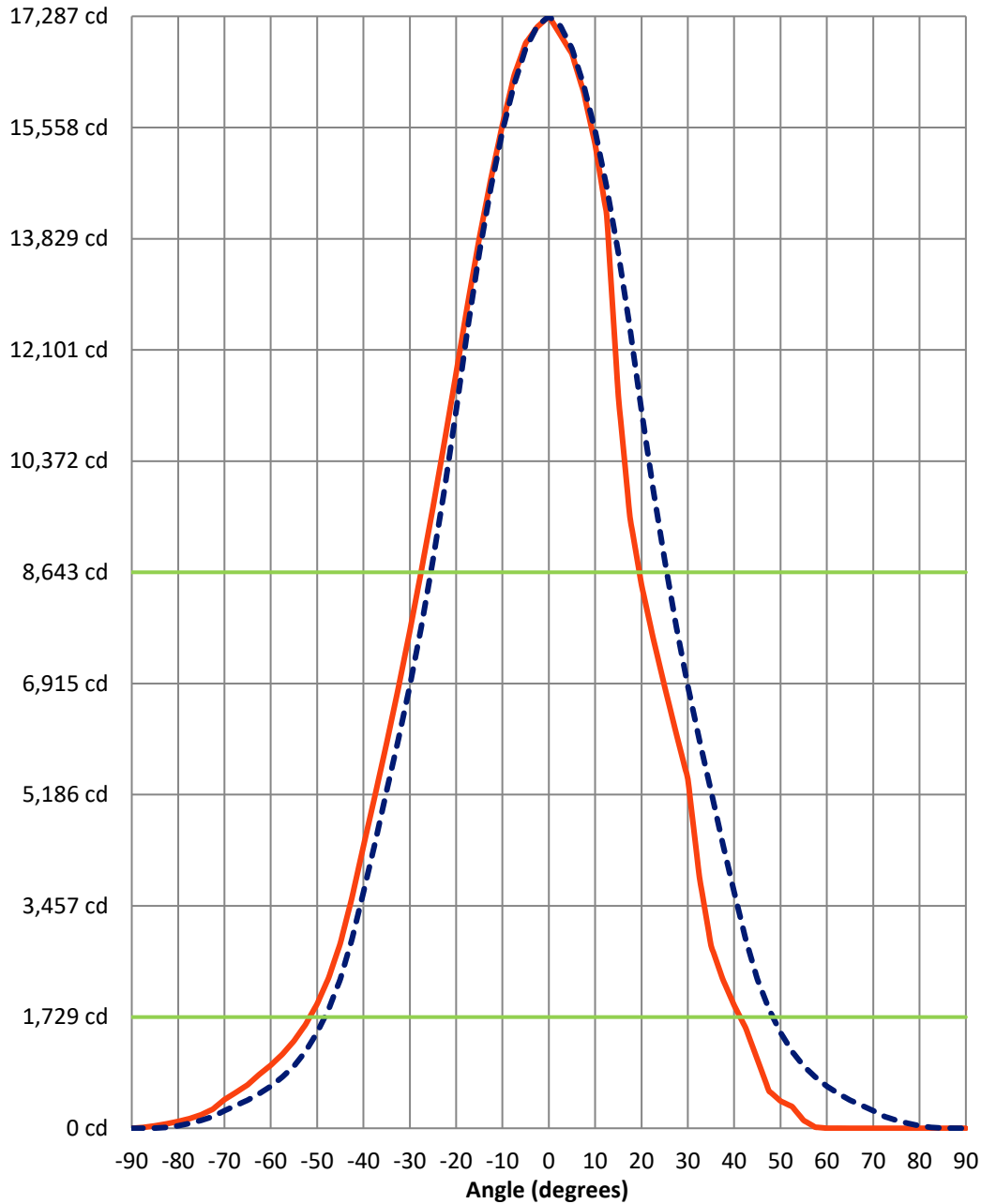
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 7342.4  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 13654.5  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 1596.1  
 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	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.2	1.2
80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.2	1.2	1.2	1.2
77.5°	0.0	0.3	0.5	0.8	1.0	1.2	1.2	1.2	1.2	1.2	1.2
75°	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	0.0	0.4	0.7	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	0.0	0.4	0.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3
67.5°	0.0	0.5	0.9	1.2	1.2	1.2	1.3	1.2	1.2	1.6	1.5
65°	0.0	0.5	1.0	1.2	1.2	1.3	1.5	1.2	1.7	2.0	2.3
62.5°	0.0	0.6	1.1	1.2	1.2	1.6	1.6	1.7	2.3	3.3	5.1
60°	0.0	0.6	1.2	1.2	1.2	1.9	1.9	2.3	3.0	8.1	8.8
57.5°	0.0	0.6	1.2	1.2	1.5	2.3	3.3	3.2	8.0	13.7	15.1
55°	0.0	0.7	1.2	1.2	1.9	2.7	5.1	4.7	14.7	20.7	23.5
52.5°	0.0	0.7	1.3	1.2	2.3	3.4	7.1	11.6	22.0	30.8	33.2
50°	0.0	0.8	1.3	1.2	2.7	5.5	9.4	19.2	30.8	42.0	50.7
47.5°	0.0	0.8	1.3	1.3	3.2	7.8	12.6	26.9	42.3	54.2	68.9
45°	0.0	0.8	1.4	1.6	3.6	10.3	19.2	34.6	53.8	70.3	86.7
42.5°	0.0	0.9	1.4	2.0	4.1	12.8	25.9	43.7	65.4	86.1	106.6
40°	0.0	0.9	1.4	2.4	5.4	15.5	32.5	53.7	77.3	101.6	127.3
37.5°	0.0	1.0	1.5	2.9	7.5	18.4	39.1	63.5	90.3	117.5	148.5
35°	0.0	1.0	1.6	3.5	9.6	22.8	45.6	73.3	103.3	136.4	171.5
32.5°	0.0	1.0	1.6	4.1	11.8	28.0	52.5	82.8	116.4	155.9	197.4
30°	0.0	1.0	1.7	4.8	14.0	33.0	60.2	92.5	129.3	175.8	223.5
27.5°	0.0	1.1	1.7	5.5	16.5	37.9	67.7	103.1	143.7	196.0	249.7
25°	0.0	1.1	1.8	6.3	18.9	42.6	74.9	113.5	160.1	217.5	275.9
22.5°	0.0	1.1	1.9	7.0	21.4	47.1	81.9	123.6	176.4	239.3	302.5
20°	0.0	1.1	2.0	7.8	23.7	51.6	88.5	133.4	192.5	260.6	327.8
17.5°	0.0	1.1	2.0	8.6	26.0	55.8	94.6	142.8	208.1	281.3	351.8
15°	0.0	1.2	2.1	9.4	28.1	59.7	100.2	151.1	223.2	301.2	374.5
12.5°	0.0	1.2	2.2	10.1	30.2	63.3	105.3	158.1	235.7	320.2	395.7
10°	0.0	1.2	2.2	10.9	32.1	66.6	110.0	164.3	245.7	331.5	412.3
7.5°	0.0	1.2	2.3	11.6	33.9	69.6	114.1	169.8	254.5	340.0	421.0
5°	0.0	1.2	2.4	12.3	35.5	72.3	117.8	174.5	262.0	346.9	428.0
2.5°	0.0	1.2	2.4	13.0	37.0	74.6	120.9	178.4	268.1	352.0	433.4
0°	0.0	1.2	2.5	13.6	38.3	76.6	123.5	181.5	272.9	355.6	437.1
-2.5°	0.0	1.3	2.9	14.5	40.1	79.0	126.9	186.7	278.2	360.7	442.9
-5°	0.0	1.4	3.2	15.3	41.6	81.0	129.6	191.1	282.1	364.4	447.0
-7.5°	0.0	1.4	3.6	16.0	42.9	82.7	131.8	194.5	284.6	366.7	449.4
-10°	0.0	1.5	3.9	16.6	44.0	83.9	133.4	197.0	285.6	367.6	450.2
-12.5°	0.0	1.6	4.3	17.1	44.8	84.7	134.3	198.4	285.3	367.1	448.1
-15°	0.0	1.6	4.6	17.6	45.3	85.1	134.6	198.7	283.2	363.9	443.8
-17.5°	0.0	1.7	4.8	17.9	45.6	85.0	134.2	198.3	279.6	359.5	437.7
-20°	0.0	1.7	5.1	18.1	45.5	84.5	133.8	197.3	275.0	354.1	430.1

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CATALOG NUMBER: GFLD-SA3C-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	1.8	5.3	18.2	45.2	83.6	133.9	195.5	269.6	347.7	420.7
-25°	0.0	1.8	5.5	18.2	44.5	83.3	133.3	192.9	263.4	340.3	409.8
-27.5°	0.0	1.8	5.7	18.1	43.5	83.0	132.0	189.5	256.5	331.7	399.7
-30°	0.0	1.8	5.8	17.8	42.2	82.1	130.1	185.3	250.5	322.1	388.8
-32.5°	0.0	1.9	5.9	17.5	41.7	80.7	127.4	181.8	244.5	312.0	377.1
-35°	0.0	1.9	5.9	16.9	40.8	78.7	125.0	178.0	237.7	301.6	364.8
-37.5°	0.0	1.8	6.0	16.3	39.6	76.6	122.1	173.5	230.1	290.9	350.2
-40°	0.0	1.8	5.9	15.5	38.0	74.8	118.6	168.1	221.8	280.9	334.6
-42.5°	0.0	1.8	5.9	14.8	36.9	72.4	114.4	162.0	214.1	268.0	318.1
-45°	0.0	1.8	5.8	14.2	36.1	69.6	109.6	155.6	206.2	254.2	300.8
-47.5°	0.0	1.7	5.7	13.5	35.0	66.3	104.1	149.0	197.4	239.8	284.9
-50°	0.0	1.7	5.5	13.2	33.6	62.6	99.2	141.7	185.7	226.8	268.5
-52.5°	0.0	1.6	5.3	13.0	31.7	58.4	94.0	133.6	174.2	213.1	251.8
-55°	0.0	1.6	5.0	12.7	29.5	54.9	88.2	124.9	162.3	199.0	236.1
-57.5°	0.0	1.5	4.7	12.2	27.0	51.2	81.8	117.2	149.9	184.6	219.9
-60°	0.0	1.4	4.4	11.5	24.2	46.9	75.1	107.8	137.0	169.8	203.1
-62.5°	0.0	1.3	4.1	10.7	22.5	42.2	68.5	97.5	124.3	154.4	185.8
-65°	0.0	1.2	3.8	9.7	20.6	37.0	61.2	86.6	110.8	138.1	167.8
-67.5°	0.0	1.1	3.5	8.7	18.4	32.4	53.4	75.7	96.5	120.9	147.9
-70°	0.0	1.0	3.2	7.5	16.0	28.4	45.0	64.3	83.0	102.8	126.5
-72.5°	0.0	0.9	2.8	6.6	13.4	24.1	38.3	52.7	69.1	86.5	104.8
-75°	0.0	0.8	2.5	5.7	10.7	19.6	31.4	42.9	54.8	69.7	85.5
-77.5°	0.0	0.7	2.1	4.9	8.8	14.8	24.2	33.7	43.5	53.8	65.8
-80°	0.0	0.5	1.7	3.9	7.1	11.3	16.8	24.4	32.4	40.8	49.6
-82.5°	0.0	0.4	1.3	3.0	5.4	8.5	12.4	16.3	21.1	27.5	34.3
-85°	0.0	0.3	0.9	2.0	3.6	5.7	8.3	10.9	13.9	17.2	20.8
-87.5°	0.0	0.1	0.4	1.0	1.8	2.9	4.2	5.5	7.0	8.6	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





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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°	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
85°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0
67.5°	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	0.9	0.6
65°	1.2	1.2	1.7	1.8	1.3	1.2	1.2	1.2	1.3	1.1	1.1
62.5°	1.8	2.2	2.7	4.3	3.2	1.2	2.4	2.8	1.9	1.5	1.7
60°	5.4	3.7	9.5	13.1	8.6	4.5	5.6	11.2	9.2	2.5	6.5
57.5°	10.9	13.4	23.9	25.1	19.2	13.0	28.6	31.7	26.3	16.5	23.7
55°	22.7	31.9	40.3	39.9	40.1	50.4	59.3	58.2	51.3	70.7	89.1
52.5°	43.0	52.5	58.1	63.3	77.8	87.4	90.1	95.5	115.6	139.7	144.1
50°	63.1	72.9	80.3	99.1	113.9	121.4	128.5	146.9	177.3	193.9	196.5
47.5°	83.5	94.4	113.8	134.4	148.7	160.1	172.3	214.2	248.2	262.2	267.3
45°	104.7	123.7	147.9	169.0	185.6	201.1	240.8	298.0	321.8	343.4	398.3
42.5°	126.7	155.4	182.7	204.7	223.4	255.8	311.1	366.5	400.7	446.6	512.9
40°	154.8	187.0	218.6	241.1	264.4	313.4	381.9	440.5	476.7	538.3	613.9
37.5°	183.4	221.0	255.1	278.8	311.5	378.0	458.4	528.6	573.5	623.6	745.0
35°	211.6	255.6	290.6	322.5	362.9	454.5	553.5	631.7	687.2	773.0	926.7
32.5°	241.7	290.9	326.7	370.0	436.5	538.9	660.5	747.3	839.3	962.8	1209.0
30°	273.8	324.0	365.2	417.2	506.3	625.8	767.0	876.0	1000.9	1201.5	1466.9
27.5°	305.7	356.9	407.6	473.8	571.7	700.7	848.2	1020.1	1181.6	1405.9	1695.9
25°	336.4	390.5	449.3	529.3	635.1	770.2	931.2	1129.5	1340.2	1596.8	1937.3
22.5°	365.8	424.6	493.4	579.3	688.6	836.1	1028.1	1261.1	1514.3	1780.0	2171.3
20°	394.5	462.6	541.6	637.8	737.9	896.9	1122.9	1405.0	1722.3	2086.4	2469.8
17.5°	422.9	500.2	591.4	698.3	819.5	982.3	1220.1	1555.9	1942.1	2416.0	2888.1
15°	450.7	537.0	639.5	758.1	901.9	1096.5	1366.6	1735.7	2202.3	2769.7	3329.0
12.5°	477.7	572.8	685.7	816.5	981.8	1204.0	1504.7	1902.8	2437.5	3115.4	3802.5
10°	503.5	607.1	729.6	872.9	1058.4	1304.0	1626.7	2047.4	2614.9	3313.5	4077.7
7.5°	516.7	630.3	767.0	926.4	1130.6	1395.8	1732.9	2169.6	2753.5	3472.9	4239.1
5°	526.1	640.9	781.1	947.8	1170.3	1458.2	1814.2	2269.5	2855.7	3592.8	4348.4
2.5°	533.4	648.5	791.4	959.9	1185.9	1479.0	1841.0	2304.4	2910.5	3655.4	4412.1
0°	538.4	653.2	797.7	966.8	1194.0	1489.1	1853.4	2318.9	2933.8	3669.7	4435.3
-2.5°	543.7	659.6	804.3	977.6	1205.3	1502.8	1867.0	2329.1	2951.3	3673.7	4447.8
-5°	546.7	663.0	806.9	982.8	1209.0	1505.4	1866.1	2319.4	2937.4	3644.9	4420.6
-7.5°	547.6	663.4	805.5	981.7	1204.3	1493.7	1846.3	2290.4	2889.5	3586.5	4353.9
-10°	546.2	660.5	800.1	972.8	1190.8	1469.5	1811.1	2240.3	2810.7	3490.2	4241.1
-12.5°	542.2	654.3	790.6	958.3	1169.0	1435.0	1761.4	2168.8	2701.4	3356.3	4082.1
-15°	535.8	645.1	776.9	938.1	1138.8	1390.6	1697.5	2075.9	2560.7	3186.0	3884.0
-17.5°	527.0	632.9	758.9	912.5	1100.3	1336.7	1620.3	1967.3	2408.9	2996.0	3663.9
-20°	515.7	617.7	736.6	881.3	1056.0	1280.0	1548.7	1871.1	2266.9	2778.4	3404.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627162 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	502.0	599.6	713.1	851.5	1016.6	1221.0	1468.5	1762.0	2107.6	2527.0	3120.6
-25°	488.0	582.2	690.1	818.3	971.6	1154.2	1376.9	1644.2	1957.2	2341.1	2831.9
-27.5°	474.1	562.2	663.6	779.9	921.3	1085.3	1290.7	1534.4	1813.3	2139.8	2539.5
-30°	458.5	540.0	634.4	739.8	873.0	1025.3	1202.8	1411.6	1659.6	1954.7	2302.0
-32.5°	441.5	516.0	606.1	705.0	821.2	959.9	1113.5	1302.3	1518.1	1761.5	2061.7
-35°	424.5	495.6	577.2	667.6	765.7	895.5	1036.7	1193.3	1376.9	1592.4	1832.6
-37.5°	408.1	473.4	546.1	630.4	722.5	830.2	954.9	1096.4	1254.4	1425.8	1633.3
-40°	389.9	449.3	518.1	594.5	675.9	769.3	881.7	1001.8	1137.8	1288.7	1448.9
-42.5°	370.1	427.2	490.0	555.8	630.5	713.9	807.2	917.0	1030.0	1156.4	1296.3
-45°	350.8	403.2	460.6	520.7	583.5	657.3	741.9	833.3	933.5	1036.7	1154.1
-47.5°	330.3	378.2	431.7	484.0	539.7	602.6	674.4	757.3	840.9	932.8	1023.8
-50°	309.9	354.8	399.8	448.6	498.5	550.8	611.5	683.1	759.1	835.4	915.6
-52.5°	291.6	330.5	371.1	413.0	458.5	505.0	555.6	614.6	681.1	748.2	817.3
-55°	272.9	308.7	342.3	379.9	419.1	461.1	506.2	555.8	605.9	667.1	726.6
-57.5°	254.7	286.4	315.6	347.6	382.6	418.2	458.9	501.0	546.6	592.8	641.4
-60°	236.4	263.3	289.8	317.5	346.9	378.5	411.2	448.3	487.3	527.4	569.6
-62.5°	217.4	239.3	262.6	288.0	313.8	338.2	365.6	395.9	428.1	462.6	498.3
-65°	196.2	214.4	233.9	255.9	280.2	299.8	320.8	343.6	370.2	398.6	426.7
-67.5°	173.6	189.7	205.6	222.0	241.6	259.2	276.5	294.6	314.5	337.7	360.2
-70°	148.4	164.4	178.4	192.0	204.5	217.1	231.7	246.0	262.0	282.8	303.3
-72.5°	122.7	137.8	151.1	162.6	171.4	178.9	187.9	198.3	213.6	233.0	251.0
-75°	99.3	111.4	123.8	134.9	140.6	142.8	144.7	150.1	165.7	185.6	203.1
-77.5°	77.3	87.9	98.0	107.6	111.6	113.2	113.9	113.9	125.4	142.3	160.1
-80°	56.9	64.3	72.8	81.1	83.5	84.3	84.4	83.9	93.2	105.4	118.4
-82.5°	39.6	44.8	50.3	55.9	56.7	56.3	55.5	54.7	62.3	71.0	80.0
-85°	23.1	25.3	28.6	32.0	32.4	32.3	31.7	30.7	34.9	39.7	44.7
-87.5°	11.5	12.6	13.8	14.9	14.5	13.9	13.2	12.2	13.4	14.7	15.9
-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: P627162 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.6	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.2	1.2	0.9	0.6	0.3	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	1.6	1.5	1.1	1.0	1.1	1.2	1.0	0.8	0.8	0.9	1.0
60°	6.9	4.0	4.0	5.2	4.4	2.0	4.0	5.1	4.7	3.6	3.1
57.5°	35.4	29.7	20.7	34.7	35.8	24.9	27.1	35.3	34.2	26.5	26.4
55°	89.3	90.6	97.2	106.0	112.6	115.6	118.3	131.5	145.7	159.6	166.5
52.5°	147.5	164.7	186.2	200.4	210.3	230.7	259.1	272.2	284.9	299.3	309.8
50°	217.2	247.2	268.8	271.9	305.7	327.7	332.9	357.4	384.1	400.7	412.6
47.5°	323.2	361.1	379.9	391.9	433.1	478.2	478.3	492.3	559.2	594.2	611.0
45°	465.5	497.1	530.4	616.6	695.9	721.1	774.9	847.9	895.3	960.5	1032.3
42.5°	586.7	646.1	729.2	824.2	903.7	969.9	1050.0	1137.7	1243.0	1342.1	1427.5
40°	706.6	780.1	883.1	986.4	1086.6	1178.3	1307.3	1420.1	1544.4	1680.6	1794.2
37.5°	863.1	957.2	1063.6	1193.9	1349.8	1451.5	1629.0	1791.1	1931.1	2095.7	2197.0
35°	1103.4	1226.1	1320.3	1583.7	1773.2	1892.3	2102.4	2368.7	2471.0	2678.2	2776.6
32.5°	1405.7	1568.6	1816.6	2165.4	2418.6	2637.7	2951.7	3222.0	3452.3	3660.5	3877.0
30°	1745.2	1996.7	2362.3	2825.7	3082.8	3389.9	3814.4	4134.9	4496.2	4892.7	5031.7
27.5°	2053.3	2430.0	2854.5	3229.9	3599.2	3981.6	4398.7	4810.4	5201.4	5531.4	5752.9
25°	2338.9	2795.0	3207.7	3608.8	4008.9	4439.6	4911.4	5378.3	5808.6	6148.2	6406.3
22.5°	2633.4	3115.4	3556.8	3963.8	4429.2	4917.2	5419.0	5954.6	6444.3	6796.6	7077.9
20°	2910.4	3446.5	3949.9	4413.3	4853.3	5416.6	5994.5	6562.6	7095.9	7515.4	7839.7
17.5°	3350.1	3815.4	4430.6	5032.7	5528.3	6045.9	6818.0	7404.3	7996.1	8498.6	8842.4
15°	3889.9	4401.6	5036.9	5863.7	6542.9	7135.8	7933.5	8887.3	9585.3	10226.8	10666.9
12.5°	4430.2	5008.9	5696.2	6626.6	7593.5	8292.0	9259.8	10468.4	11281.4	12274.6	12764.3
10°	4844.3	5571.0	6278.8	7127.9	8056.5	9051.1	10094.4	11225.1	12311.4	13164.3	13926.7
7.5°	5011.1	5785.2	6604.4	7470.8	8399.3	9425.8	10537.7	11714.3	12832.3	13784.9	14622.7
5°	5135.7	5928.9	6753.5	7639.4	8632.0	9704.0	10832.3	12067.7	13209.4	14230.4	15087.6
2.5°	5214.9	6015.5	6836.6	7737.3	8781.2	9885.0	11049.7	12317.7	13476.6	14527.7	15382.1
0°	5245.3	6034.3	6875.2	7802.5	8836.0	9942.3	11157.3	12440.2	13608.3	14624.5	15503.7
-2.5°	5249.4	6016.8	6877.7	7800.4	8789.3	9906.1	11135.7	12407.9	13552.3	14564.4	15451.4
-5°	5208.2	5975.3	6836.9	7745.7	8736.0	9844.3	11021.2	12250.5	13342.0	14327.0	15181.0
-7.5°	5124.7	5889.6	6732.2	7620.2	8583.8	9658.8	10789.2	11932.1	13002.8	13947.5	14762.5
-10°	5000.7	5749.6	6563.0	7428.2	8340.0	9362.5	10440.3	11532.4	12536.4	13410.1	14163.7
-12.5°	4832.9	5564.5	6341.3	7167.3	8015.9	8990.8	10008.5	11034.0	11949.2	12746.8	13423.0
-15°	4614.9	5329.4	6081.6	6862.7	7685.7	8567.3	9480.6	10421.3	11265.3	11972.6	12590.4
-17.5°	4358.1	5051.1	5765.4	6489.5	7270.4	8097.5	8945.4	9789.7	10509.6	11138.0	11702.9
-20°	4071.8	4739.5	5418.0	6093.1	6801.6	7566.5	8349.6	9091.3	9720.3	10291.3	10808.2



REPORT NUMBER: P627162 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	3750.9	4390.0	5040.3	5672.0	6310.9	7003.6	7702.9	8373.6	8962.0	9450.5	9899.7
-25°	3407.3	3997.8	4611.9	5204.2	5792.3	6413.0	7048.2	7665.3	8183.2	8607.2	8978.4
-27.5°	3061.0	3600.7	4141.8	4699.4	5242.9	5815.7	6390.8	6923.8	7388.7	7779.2	8091.1
-30°	2697.1	3179.5	3673.7	4178.2	4697.2	5221.4	5740.9	6207.7	6613.6	6957.0	7226.5
-32.5°	2394.7	2761.2	3197.4	3655.5	4142.0	4619.5	5071.5	5496.9	5879.4	6179.2	6407.8
-35°	2104.8	2415.2	2741.9	3147.3	3565.3	4004.8	4420.5	4800.2	5141.1	5403.1	5618.2
-37.5°	1855.6	2101.1	2377.3	2666.8	3017.2	3380.5	3755.8	4112.9	4416.9	4645.4	4837.5
-40°	1639.9	1833.7	2054.5	2283.9	2541.7	2802.8	3129.5	3430.9	3679.0	3892.6	4066.7
-42.5°	1444.9	1608.5	1771.5	1959.7	2154.2	2364.0	2593.3	2816.2	3006.6	3185.5	3333.3
-45°	1276.6	1407.2	1537.2	1682.6	1825.4	1996.0	2159.8	2306.0	2460.3	2594.1	2699.5
-47.5°	1129.4	1231.3	1342.7	1451.5	1566.2	1694.7	1816.6	1927.8	2040.8	2138.7	2217.3
-50°	998.6	1083.0	1174.0	1259.5	1352.2	1446.2	1536.4	1624.8	1710.7	1785.2	1843.2
-52.5°	884.1	957.9	1028.7	1096.8	1170.6	1240.2	1305.5	1378.4	1445.6	1504.3	1543.9
-55°	786.6	846.8	904.9	961.7	1017.5	1070.3	1122.3	1179.0	1230.8	1277.5	1307.0
-57.5°	695.0	746.3	795.5	841.9	886.2	928.1	971.9	1015.5	1055.4	1090.6	1113.5
-60°	611.7	653.6	696.2	734.1	769.8	803.2	840.2	875.0	907.3	934.4	950.2
-62.5°	535.4	573.0	604.4	634.4	664.7	694.9	721.1	746.9	771.8	792.7	806.5
-65°	455.7	487.5	514.3	538.3	560.0	583.4	605.8	626.0	643.9	657.6	666.3
-67.5°	384.3	407.8	429.2	448.3	467.7	486.4	503.6	518.9	532.4	541.9	548.2
-70°	322.3	340.2	357.7	375.1	392.4	407.0	419.5	430.9	441.3	445.7	447.6
-72.5°	267.8	283.7	299.1	314.4	328.8	340.2	349.4	357.8	365.4	358.9	347.5
-75°	218.5	232.4	246.8	260.3	273.0	281.7	288.5	294.8	300.5	286.4	267.0
-77.5°	178.0	190.3	201.0	211.5	222.0	227.5	231.8	236.1	240.1	224.4	204.5
-80°	132.1	142.0	151.0	159.9	168.6	171.9	173.9	175.2	175.9	162.4	146.8
-82.5°	89.2	94.4	99.3	104.5	109.8	112.6	114.7	116.3	117.5	107.9	97.1
-85°	50.0	51.6	52.8	53.8	54.7	56.4	58.1	59.6	61.0	56.4	51.4
-87.5°	17.2	17.2	17.1	17.0	16.8	16.8	16.8	16.8	16.7	16.0	15.2
-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: P627162 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.8
60°	2.4	1.5	1.2	1.2	1.2	1.5	2.4	3.1	3.6	4.7	5.1
57.5°	24.6	21.4	19.2	17.3	19.2	21.4	24.6	26.4	26.5	34.2	35.3
55°	163.5	152.3	138.5	122.2	138.5	152.3	163.5	166.5	159.6	145.7	131.5
52.5°	320.8	331.5	337.7	337.1	337.7	331.5	320.8	309.8	299.3	284.9	272.2
50°	422.2	428.0	428.3	423.5	428.3	428.0	422.2	412.6	400.7	384.1	357.4
47.5°	618.6	610.5	596.6	581.6	596.6	610.5	618.6	611.0	594.2	559.2	492.3
45°	1079.5	1105.5	1103.8	1070.5	1103.8	1105.5	1079.5	1032.3	960.5	895.3	847.9
42.5°	1475.3	1514.2	1541.8	1555.8	1541.8	1514.2	1475.3	1427.5	1342.1	1243.0	1137.7
40°	1858.2	1895.8	1912.4	1911.4	1912.4	1895.8	1858.2	1794.2	1680.6	1544.4	1420.1
37.5°	2262.8	2311.4	2335.0	2323.8	2335.0	2311.4	2262.8	2197.0	2095.7	1931.1	1791.1
35°	2819.2	2864.7	2865.6	2842.4	2865.6	2864.7	2819.2	2776.6	2678.2	2471.0	2368.7
32.5°	4048.9	4064.2	3947.1	3905.6	3947.1	4064.2	4048.9	3877.0	3660.5	3452.3	3222.0
30°	5169.9	5278.0	5378.6	5429.2	5378.6	5278.0	5169.9	5031.7	4892.7	4496.2	4134.9
27.5°	5919.8	6049.8	6130.4	6135.5	6130.4	6049.8	5919.8	5752.9	5531.4	5201.4	4810.4
25°	6601.9	6747.3	6835.2	6865.3	6835.2	6747.3	6601.9	6406.3	6148.2	5808.6	5378.3
22.5°	7316.5	7487.9	7601.4	7624.7	7601.4	7487.9	7316.5	7077.9	6796.6	6444.3	5954.6
20°	8145.6	8345.1	8454.0	8449.5	8454.0	8345.1	8145.6	7839.7	7515.4	7095.9	6562.6
17.5°	9237.2	9451.0	9545.0	9504.0	9545.0	9451.0	9237.2	8842.4	8498.6	7996.1	7404.3
15°	11118.7	11566.1	11564.3	11385.7	11564.3	11566.1	11118.7	10666.9	10226.8	9585.3	8887.3
12.5°	13439.5	13773.0	14115.1	14188.7	14115.1	13773.0	13439.5	12764.3	12274.6	11281.4	10468.4
10°	14568.8	15011.7	15304.0	15296.2	15304.0	15011.7	14568.8	13926.7	13164.3	12311.4	11225.1
7.5°	15275.3	15764.6	16118.8	16111.2	16118.8	15764.6	15275.3	14622.7	13784.9	12832.3	11714.3
5°	15820.6	16363.3	16677.0	16700.2	16677.0	16363.3	15820.6	15087.6	14230.4	13209.4	12067.7
2.5°	16103.9	16670.2	17047.4	16997.7	17047.4	16670.2	16103.9	15382.1	14527.7	13476.6	12317.7
0°	16222.3	16782.9	17134.8	17286.7	17134.8	16782.9	16222.3	15503.7	14624.5	13608.3	12440.2
-2.5°	16170.6	16716.1	17105.0	17120.0	17105.0	16716.1	16170.6	15451.4	14564.4	13552.3	12407.9
-5°	15893.5	16469.2	16729.7	16868.1	16729.7	16469.2	15893.5	15181.0	14327.0	13342.0	12250.5
-7.5°	15446.7	15878.0	16209.0	16361.8	16209.0	15878.0	15446.7	14762.5	13947.5	13002.8	11932.1
-10°	14751.2	15197.9	15477.6	15603.7	15477.6	15197.9	14751.2	14163.7	13410.1	12536.4	11532.4
-12.5°	13980.9	14386.8	14652.7	14759.1	14652.7	14386.8	13980.9	13423.0	12746.8	11949.2	11034.0
-15°	13121.4	13489.9	13734.7	13836.7	13734.7	13489.9	13121.4	12590.4	11972.6	11265.3	10421.3
-17.5°	12175.3	12498.2	12742.1	12815.6	12742.1	12498.2	12175.3	11702.9	11138.0	10509.6	9789.7
-20°	11202.4	11494.3	11695.2	11738.9	11695.2	11494.3	11202.4	10808.2	10291.3	9720.3	9091.3



REPORT NUMBER: P627162 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	10222.1	10462.6	10625.7	10680.7	10625.7	10462.6	10222.1	9899.7	9450.5	8962.0	8373.6
-25°	9264.1	9471.6	9603.0	9652.1	9603.0	9471.6	9264.1	8978.4	8607.2	8183.2	7665.3
-27.5°	8342.7	8536.2	8656.9	8673.0	8656.9	8536.2	8342.7	8091.1	7779.2	7388.7	6923.8
-30°	7436.1	7596.0	7689.0	7728.4	7689.0	7596.0	7436.1	7226.5	6957.0	6613.6	6207.7
-32.5°	6588.9	6728.5	6812.1	6834.4	6812.1	6728.5	6588.9	6407.8	6179.2	5879.4	5496.9
-35°	5789.1	5918.0	5992.1	5986.1	5992.1	5918.0	5789.1	5618.2	5403.1	5141.1	4800.2
-37.5°	4996.2	5115.2	5182.4	5176.1	5182.4	5115.2	4996.2	4837.5	4645.4	4416.9	4112.9
-40°	4209.8	4312.4	4371.6	4385.9	4371.6	4312.4	4209.8	4066.7	3892.6	3679.0	3430.9
-42.5°	3456.2	3550.9	3598.3	3579.6	3598.3	3550.9	3456.2	3333.3	3185.5	3006.6	2816.2
-45°	2773.2	2822.2	2854.5	2874.5	2854.5	2822.2	2773.2	2699.5	2594.1	2460.3	2306.0
-47.5°	2274.8	2315.4	2337.3	2341.1	2337.3	2315.4	2274.8	2217.3	2138.7	2040.8	1927.8
-50°	1888.2	1922.8	1938.0	1933.6	1938.0	1922.8	1888.2	1843.2	1785.2	1710.7	1624.8
-52.5°	1572.5	1592.5	1606.0	1612.6	1606.0	1592.5	1572.5	1543.9	1504.3	1445.6	1378.4
-55°	1329.2	1344.8	1353.9	1357.0	1353.9	1344.8	1329.2	1307.0	1277.5	1230.8	1179.0
-57.5°	1132.5	1147.3	1152.7	1150.8	1152.7	1147.3	1132.5	1113.5	1090.6	1055.4	1015.5
-60°	962.3	970.8	977.1	980.4	977.1	970.8	962.3	950.2	934.4	907.3	875.0
-62.5°	817.5	825.4	832.0	835.9	832.0	825.4	817.5	806.5	792.7	771.8	746.9
-65°	672.4	676.0	676.9	675.4	676.9	676.0	672.4	666.3	657.6	643.9	626.0
-67.5°	552.8	555.8	557.8	558.1	557.8	555.8	552.8	548.2	541.9	532.4	518.9
-70°	449.4	450.7	449.2	445.7	449.2	450.7	449.4	447.6	445.7	441.3	430.9
-72.5°	335.7	323.4	311.2	297.6	311.2	323.4	335.7	347.5	358.9	365.4	357.8
-75°	246.9	226.0	218.4	211.1	218.4	226.0	246.9	267.0	286.4	300.5	294.8
-77.5°	183.6	162.0	156.1	150.6	156.1	162.0	183.6	204.5	224.4	240.1	236.1
-80°	130.4	113.5	109.8	106.2	109.8	113.5	130.4	146.8	162.4	175.9	175.2
-82.5°	85.7	73.9	71.5	69.1	71.5	73.9	85.7	97.1	107.9	117.5	116.3
-85°	46.1	40.5	39.5	38.3	39.5	40.5	46.1	51.4	56.4	61.0	59.6
-87.5°	14.4	13.5	13.6	13.6	13.6	13.5	14.4	15.2	16.0	16.7	16.8
-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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**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	0.3	0.5	0.8	1.0	1.0	0.9	0.9	0.8
85°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
82.5°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
80°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
77.5°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
75°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
72.5°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.0	1.2	1.2	1.2
67.5°	0.0	0.0	0.2	0.5	0.6	0.6	0.5	0.6	0.9	1.2	1.2
65°	0.3	0.2	0.3	0.6	0.9	1.2	1.2	1.1	1.1	1.3	1.2
62.5°	1.0	1.2	1.1	1.0	1.1	1.5	1.6	1.7	1.5	1.9	2.8
60°	4.0	2.0	4.4	5.2	4.0	4.0	6.9	6.5	2.5	9.2	11.2
57.5°	27.1	24.9	35.8	34.7	20.7	29.7	35.4	23.7	16.5	26.3	31.7
55°	118.3	115.6	112.6	106.0	97.2	90.6	89.3	89.1	70.7	51.3	58.2
52.5°	259.1	230.7	210.3	200.4	186.2	164.7	147.5	144.1	139.7	115.6	95.5
50°	332.9	327.7	305.7	271.9	268.8	247.2	217.2	196.5	193.9	177.3	146.9
47.5°	478.3	478.2	433.1	391.9	379.9	361.1	323.2	267.3	262.2	248.2	214.2
45°	774.9	721.1	695.9	616.6	530.4	497.1	465.5	398.3	343.4	321.8	298.0
42.5°	1050.0	969.9	903.7	824.2	729.2	646.1	586.7	512.9	446.6	400.7	366.5
40°	1307.3	1178.3	1086.6	986.4	883.1	780.1	706.6	613.9	538.3	476.7	440.5
37.5°	1629.0	1451.5	1349.8	1193.9	1063.6	957.2	863.1	745.0	623.6	573.5	528.6
35°	2102.4	1892.3	1773.2	1583.7	1320.3	1226.1	1103.4	926.7	773.0	687.2	631.7
32.5°	2951.7	2637.7	2418.6	2165.4	1816.6	1568.6	1405.7	1209.0	962.8	839.3	747.3
30°	3814.4	3389.9	3082.8	2825.7	2362.3	1996.7	1745.2	1466.9	1201.5	1000.9	876.0
27.5°	4398.7	3981.6	3599.2	3229.9	2854.5	2430.0	2053.3	1695.9	1405.9	1181.6	1020.1
25°	4911.4	4439.6	4008.9	3608.8	3207.7	2795.0	2338.9	1937.3	1596.8	1340.2	1129.5
22.5°	5419.0	4917.2	4429.2	3963.8	3556.8	3115.4	2633.4	2171.3	1780.0	1514.3	1261.1
20°	5994.5	5416.6	4853.3	4413.3	3949.9	3446.5	2910.4	2469.8	2086.4	1722.3	1405.0
17.5°	6818.0	6045.9	5528.3	5032.7	4430.6	3815.4	3350.1	2888.1	2416.0	1942.1	1555.9
15°	7933.5	7135.8	6542.9	5863.7	5036.9	4401.6	3889.9	3329.0	2769.7	2202.3	1735.7
12.5°	9259.8	8292.0	7593.5	6626.6	5696.2	5008.9	4430.2	3802.5	3115.4	2437.5	1902.8
10°	10094.4	9051.1	8056.5	7127.9	6278.8	5571.0	4844.3	4077.7	3313.5	2614.9	2047.4
7.5°	10537.7	9425.8	8399.3	7470.8	6604.4	5785.2	5011.1	4239.1	3472.9	2753.5	2169.6
5°	10832.3	9704.0	8632.0	7639.4	6753.5	5928.9	5135.7	4348.4	3592.8	2855.7	2269.5
2.5°	11049.7	9885.0	8781.2	7737.3	6836.6	6015.5	5214.9	4412.1	3655.4	2910.5	2304.4
0°	11157.3	9942.3	8836.0	7802.5	6875.2	6034.3	5245.3	4435.3	3669.7	2933.8	2318.9
-2.5°	11135.7	9906.1	8789.3	7800.4	6877.7	6016.8	5249.4	4447.8	3673.7	2951.3	2329.1
-5°	11021.2	9844.3	8736.0	7745.7	6836.9	5975.3	5208.2	4420.6	3644.9	2937.4	2319.4
-7.5°	10789.2	9658.8	8583.8	7620.2	6732.2	5889.6	5124.7	4353.9	3586.5	2889.5	2290.4
-10°	10440.3	9362.5	8340.0	7428.2	6563.0	5749.6	5000.7	4241.1	3490.2	2810.7	2240.3
-12.5°	10008.5	8990.8	8015.9	7167.3	6341.3	5564.5	4832.9	4082.1	3356.3	2701.4	2168.8
-15°	9480.6	8567.3	7685.7	6862.7	6081.6	5329.4	4614.9	3884.0	3186.0	2560.7	2075.9
-17.5°	8945.4	8097.5	7270.4	6489.5	5765.4	5051.1	4358.1	3663.9	2996.0	2408.9	1967.3
-20°	8349.6	7566.5	6801.6	6093.1	5418.0	4739.5	4071.8	3404.2	2778.4	2266.9	1871.1



REPORT NUMBER: P627162 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	7702.9	7003.6	6310.9	5672.0	5040.3	4390.0	3750.9	3120.6	2527.0	2107.6	1762.0
-25°	7048.2	6413.0	5792.3	5204.2	4611.9	3997.8	3407.3	2831.9	2341.1	1957.2	1644.2
-27.5°	6390.8	5815.7	5242.9	4699.4	4141.8	3600.7	3061.0	2539.5	2139.8	1813.3	1534.4
-30°	5740.9	5221.4	4697.2	4178.2	3673.7	3179.5	2697.1	2302.0	1954.7	1659.6	1411.6
-32.5°	5071.5	4619.5	4142.0	3655.5	3197.4	2761.2	2394.7	2061.7	1761.5	1518.1	1302.3
-35°	4420.5	4004.8	3565.3	3147.3	2741.9	2415.2	2104.8	1832.6	1592.4	1376.9	1193.3
-37.5°	3755.8	3380.5	3017.2	2666.8	2377.3	2101.1	1855.6	1633.3	1425.8	1254.4	1096.4
-40°	3129.5	2802.8	2541.7	2283.9	2054.5	1833.7	1639.9	1448.9	1288.7	1137.8	1001.8
-42.5°	2593.3	2364.0	2154.2	1959.7	1771.5	1608.5	1444.9	1296.3	1156.4	1030.0	917.0
-45°	2159.8	1996.0	1825.4	1682.6	1537.2	1407.2	1276.6	1154.1	1036.7	933.5	833.3
-47.5°	1816.6	1694.7	1566.2	1451.5	1342.7	1231.3	1129.4	1023.8	932.8	840.9	757.3
-50°	1536.4	1446.2	1352.2	1259.5	1174.0	1083.0	998.6	915.6	835.4	759.1	683.1
-52.5°	1305.5	1240.2	1170.6	1096.8	1028.7	957.9	884.1	817.3	748.2	681.1	614.6
-55°	1122.3	1070.3	1017.5	961.7	904.9	846.8	786.6	726.6	667.1	605.9	555.8
-57.5°	971.9	928.1	886.2	841.9	795.5	746.3	695.0	641.4	592.8	546.6	501.0
-60°	840.2	803.2	769.8	734.1	696.2	653.6	611.7	569.6	527.4	487.3	448.3
-62.5°	721.1	694.9	664.7	634.4	604.4	573.0	535.4	498.3	462.6	428.1	395.9
-65°	605.8	583.4	560.0	538.3	514.3	487.5	455.7	426.7	398.6	370.2	343.6
-67.5°	503.6	486.4	467.7	448.3	429.2	407.8	384.3	360.2	337.7	314.5	294.6
-70°	419.5	407.0	392.4	375.1	357.7	340.2	322.3	303.3	282.8	262.0	246.0
-72.5°	349.4	340.2	328.8	314.4	299.1	283.7	267.8	251.0	233.0	213.6	198.3
-75°	288.5	281.7	273.0	260.3	246.8	232.4	218.5	203.1	185.6	165.7	150.1
-77.5°	231.8	227.5	222.0	211.5	201.0	190.3	178.0	160.1	142.3	125.4	113.9
-80°	173.9	171.9	168.6	159.9	151.0	142.0	132.1	118.4	105.4	93.2	83.9
-82.5°	114.7	112.6	109.8	104.5	99.3	94.4	89.2	80.0	71.0	62.3	54.7
-85°	58.1	56.4	54.7	53.8	52.8	51.6	50.0	44.7	39.7	34.9	30.7
-87.5°	16.8	16.8	16.8	17.0	17.1	17.2	17.2	15.9	14.7	13.4	12.2
-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: P627162 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.0	0.9	0.8	0.7
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2
67.5°	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.5	1.6	1.2	1.2
65°	1.2	1.2	1.3	1.8	1.7	1.2	1.2	2.3	2.0	1.7	1.2
62.5°	2.4	1.2	3.2	4.3	2.7	2.2	1.8	5.1	3.3	2.3	1.7
60°	5.6	4.5	8.6	13.1	9.5	3.7	5.4	8.8	8.1	3.0	2.3
57.5°	28.6	13.0	19.2	25.1	23.9	13.4	10.9	15.1	13.7	8.0	3.2
55°	59.3	50.4	40.1	39.9	40.3	31.9	22.7	23.5	20.7	14.7	4.7
52.5°	90.1	87.4	77.8	63.3	58.1	52.5	43.0	33.2	30.8	22.0	11.6
50°	128.5	121.4	113.9	99.1	80.3	72.9	63.1	50.7	42.0	30.8	19.2
47.5°	172.3	160.1	148.7	134.4	113.8	94.4	83.5	68.9	54.2	42.3	26.9
45°	240.8	201.1	185.6	169.0	147.9	123.7	104.7	86.7	70.3	53.8	34.6
42.5°	311.1	255.8	223.4	204.7	182.7	155.4	126.7	106.6	86.1	65.4	43.7
40°	381.9	313.4	264.4	241.1	218.6	187.0	154.8	127.3	101.6	77.3	53.7
37.5°	458.4	378.0	311.5	278.8	255.1	221.0	183.4	148.5	117.5	90.3	63.5
35°	553.5	454.5	362.9	322.5	290.6	255.6	211.6	171.5	136.4	103.3	73.3
32.5°	660.5	538.9	436.5	370.0	326.7	290.9	241.7	197.4	155.9	116.4	82.8
30°	767.0	625.8	506.3	417.2	365.2	324.0	273.8	223.5	175.8	129.3	92.5
27.5°	848.2	700.7	571.7	473.8	407.6	356.9	305.7	249.7	196.0	143.7	103.1
25°	931.2	770.2	635.1	529.3	449.3	390.5	336.4	275.9	217.5	160.1	113.5
22.5°	1028.1	836.1	688.6	579.3	493.4	424.6	365.8	302.5	239.3	176.4	123.6
20°	1122.9	896.9	737.9	637.8	541.6	462.6	394.5	327.8	260.6	192.5	133.4
17.5°	1220.1	982.3	819.5	698.3	591.4	500.2	422.9	351.8	281.3	208.1	142.8
15°	1366.6	1096.5	901.9	758.1	639.5	537.0	450.7	374.5	301.2	223.2	151.1
12.5°	1504.7	1204.0	981.8	816.5	685.7	572.8	477.7	395.7	320.2	235.7	158.1
10°	1626.7	1304.0	1058.4	872.9	729.6	607.1	503.5	412.3	331.5	245.7	164.3
7.5°	1732.9	1395.8	1130.6	926.4	767.0	630.3	516.7	421.0	340.0	254.5	169.8
5°	1814.2	1458.2	1170.3	947.8	781.1	640.9	526.1	428.0	346.9	262.0	174.5
2.5°	1841.0	1479.0	1185.9	959.9	791.4	648.5	533.4	433.4	352.0	268.1	178.4
0°	1853.4	1489.1	1194.0	966.8	797.7	653.2	538.4	437.1	355.6	272.9	181.5
-2.5°	1867.0	1502.8	1205.3	977.6	804.3	659.6	543.7	442.9	360.7	278.2	186.7
-5°	1866.1	1505.4	1209.0	982.8	806.9	663.0	546.7	447.0	364.4	282.1	191.1
-7.5°	1846.3	1493.7	1204.3	981.7	805.5	663.4	547.6	449.4	366.7	284.6	194.5
-10°	1811.1	1469.5	1190.8	972.8	800.1	660.5	546.2	450.2	367.6	285.6	197.0
-12.5°	1761.4	1435.0	1169.0	958.3	790.6	654.3	542.2	448.1	367.1	285.3	198.4
-15°	1697.5	1390.6	1138.8	938.1	776.9	645.1	535.8	443.8	363.9	283.2	198.7
-17.5°	1620.3	1336.7	1100.3	912.5	758.9	632.9	527.0	437.7	359.5	279.6	198.3
-20°	1548.7	1280.0	1056.0	881.3	736.6	617.7	515.7	430.1	354.1	275.0	197.3

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Scaled Data Report



REPORT NUMBER: P627162 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	1468.5	1221.0	1016.6	851.5	713.1	599.6	502.0	420.7	347.7	269.6	195.5
-25°	1376.9	1154.2	971.6	818.3	690.1	582.2	488.0	409.8	340.3	263.4	192.9
-27.5°	1290.7	1085.3	921.3	779.9	663.6	562.2	474.1	399.7	331.7	256.5	189.5
-30°	1202.8	1025.3	873.0	739.8	634.4	540.0	458.5	388.8	322.1	250.5	185.3
-32.5°	1113.5	959.9	821.2	705.0	606.1	516.0	441.5	377.1	312.0	244.5	181.8
-35°	1036.7	895.5	765.7	667.6	577.2	495.6	424.5	364.8	301.6	237.7	178.0
-37.5°	954.9	830.2	722.5	630.4	546.1	473.4	408.1	350.2	290.9	230.1	173.5
-40°	881.7	769.3	675.9	594.5	518.1	449.3	389.9	334.6	280.9	221.8	168.1
-42.5°	807.2	713.9	630.5	555.8	490.0	427.2	370.1	318.1	268.0	214.1	162.0
-45°	741.9	657.3	583.5	520.7	460.6	403.2	350.8	300.8	254.2	206.2	155.6
-47.5°	674.4	602.6	539.7	484.0	431.7	378.2	330.3	284.9	239.8	197.4	149.0
-50°	611.5	550.8	498.5	448.6	399.8	354.8	309.9	268.5	226.8	185.7	141.7
-52.5°	555.6	505.0	458.5	413.0	371.1	330.5	291.6	251.8	213.1	174.2	133.6
-55°	506.2	461.1	419.1	379.9	342.3	308.7	272.9	236.1	199.0	162.3	124.9
-57.5°	458.9	418.2	382.6	347.6	315.6	286.4	254.7	219.9	184.6	149.9	117.2
-60°	411.2	378.5	346.9	317.5	289.8	263.3	236.4	203.1	169.8	137.0	107.8
-62.5°	365.6	338.2	313.8	288.0	262.6	239.3	217.4	185.8	154.4	124.3	97.5
-65°	320.8	299.8	280.2	255.9	233.9	214.4	196.2	167.8	138.1	110.8	86.6
-67.5°	276.5	259.2	241.6	222.0	205.6	189.7	173.6	147.9	120.9	96.5	75.7
-70°	231.7	217.1	204.5	192.0	178.4	164.4	148.4	126.5	102.8	83.0	64.3
-72.5°	187.9	178.9	171.4	162.6	151.1	137.8	122.7	104.8	86.5	69.1	52.7
-75°	144.7	142.8	140.6	134.9	123.8	111.4	99.3	85.5	69.7	54.8	42.9
-77.5°	113.9	113.2	111.6	107.6	98.0	87.9	77.3	65.8	53.8	43.5	33.7
-80°	84.4	84.3	83.5	81.1	72.8	64.3	56.9	49.6	40.8	32.4	24.4
-82.5°	55.5	56.3	56.7	55.9	50.3	44.8	39.6	34.3	27.5	21.1	16.3
-85°	31.7	32.3	32.4	32.0	28.6	25.3	23.1	20.8	17.2	13.9	10.9
-87.5°	13.2	13.9	14.5	14.9	13.8	12.6	11.5	10.4	8.6	7.0	5.5
-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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CATALOG NUMBER: GFLD-SA3C-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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
80°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
77.5°	1.2	1.2	1.0	0.8	0.5	0.3	0.0
75°	1.2	1.2	1.2	0.9	0.6	0.3	0.0
72.5°	1.2	1.2	1.2	1.1	0.7	0.4	0.0
70°	1.2	1.2	1.2	1.2	0.8	0.4	0.0
67.5°	1.3	1.2	1.2	1.2	0.9	0.5	0.0
65°	1.5	1.3	1.2	1.2	1.0	0.5	0.0
62.5°	1.6	1.6	1.2	1.2	1.1	0.6	0.0
60°	1.9	1.9	1.2	1.2	1.2	0.6	0.0
57.5°	3.3	2.3	1.5	1.2	1.2	0.6	0.0
55°	5.1	2.7	1.9	1.2	1.2	0.7	0.0
52.5°	7.1	3.4	2.3	1.2	1.3	0.7	0.0
50°	9.4	5.5	2.7	1.2	1.3	0.8	0.0
47.5°	12.6	7.8	3.2	1.3	1.3	0.8	0.0
45°	19.2	10.3	3.6	1.6	1.4	0.8	0.0
42.5°	25.9	12.8	4.1	2.0	1.4	0.9	0.0
40°	32.5	15.5	5.4	2.4	1.4	0.9	0.0
37.5°	39.1	18.4	7.5	2.9	1.5	1.0	0.0
35°	45.6	22.8	9.6	3.5	1.6	1.0	0.0
32.5°	52.5	28.0	11.8	4.1	1.6	1.0	0.0
30°	60.2	33.0	14.0	4.8	1.7	1.0	0.0
27.5°	67.7	37.9	16.5	5.5	1.7	1.1	0.0
25°	74.9	42.6	18.9	6.3	1.8	1.1	0.0
22.5°	81.9	47.1	21.4	7.0	1.9	1.1	0.0
20°	88.5	51.6	23.7	7.8	2.0	1.1	0.0
17.5°	94.6	55.8	26.0	8.6	2.0	1.1	0.0
15°	100.2	59.7	28.1	9.4	2.1	1.2	0.0
12.5°	105.3	63.3	30.2	10.1	2.2	1.2	0.0
10°	110.0	66.6	32.1	10.9	2.2	1.2	0.0
7.5°	114.1	69.6	33.9	11.6	2.3	1.2	0.0
5°	117.8	72.3	35.5	12.3	2.4	1.2	0.0
2.5°	120.9	74.6	37.0	13.0	2.4	1.2	0.0
0°	123.5	76.6	38.3	13.6	2.5	1.2	0.0
-2.5°	126.9	79.0	40.1	14.5	2.9	1.3	0.0
-5°	129.6	81.0	41.6	15.3	3.2	1.4	0.0
-7.5°	131.8	82.7	42.9	16.0	3.6	1.4	0.0
-10°	133.4	83.9	44.0	16.6	3.9	1.5	0.0
-12.5°	134.3	84.7	44.8	17.1	4.3	1.6	0.0
-15°	134.6	85.1	45.3	17.6	4.6	1.6	0.0
-17.5°	134.2	85.0	45.6	17.9	4.8	1.7	0.0
-20°	133.8	84.5	45.5	18.1	5.1	1.7	0.0

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CATALOG NUMBER: GFLD-SA3C-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	133.9	83.6	45.2	18.2	5.3	1.8	0.0
-25°	133.3	83.3	44.5	18.2	5.5	1.8	0.0
-27.5°	132.0	83.0	43.5	18.1	5.7	1.8	0.0
-30°	130.1	82.1	42.2	17.8	5.8	1.8	0.0
-32.5°	127.4	80.7	41.7	17.5	5.9	1.9	0.0
-35°	125.0	78.7	40.8	16.9	5.9	1.9	0.0
-37.5°	122.1	76.6	39.6	16.3	6.0	1.8	0.0
-40°	118.6	74.8	38.0	15.5	5.9	1.8	0.0
-42.5°	114.4	72.4	36.9	14.8	5.9	1.8	0.0
-45°	109.6	69.6	36.1	14.2	5.8	1.8	0.0
-47.5°	104.1	66.3	35.0	13.5	5.7	1.7	0.0
-50°	99.2	62.6	33.6	13.2	5.5	1.7	0.0
-52.5°	94.0	58.4	31.7	13.0	5.3	1.6	0.0
-55°	88.2	54.9	29.5	12.7	5.0	1.6	0.0
-57.5°	81.8	51.2	27.0	12.2	4.7	1.5	0.0
-60°	75.1	46.9	24.2	11.5	4.4	1.4	0.0
-62.5°	68.5	42.2	22.5	10.7	4.1	1.3	0.0
-65°	61.2	37.0	20.6	9.7	3.8	1.2	0.0
-67.5°	53.4	32.4	18.4	8.7	3.5	1.1	0.0
-70°	45.0	28.4	16.0	7.5	3.2	1.0	0.0
-72.5°	38.3	24.1	13.4	6.6	2.8	0.9	0.0
-75°	31.4	19.6	10.7	5.7	2.5	0.8	0.0
-77.5°	24.2	14.8	8.8	4.9	2.1	0.7	0.0
-80°	16.8	11.3	7.1	3.9	1.7	0.5	0.0
-82.5°	12.4	8.5	5.4	3.0	1.3	0.4	0.0
-85°	8.3	5.7	3.6	2.0	0.9	0.3	0.0
-87.5°	4.2	2.9	1.8	1.0	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)