

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: P627163 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627163 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
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-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N73  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

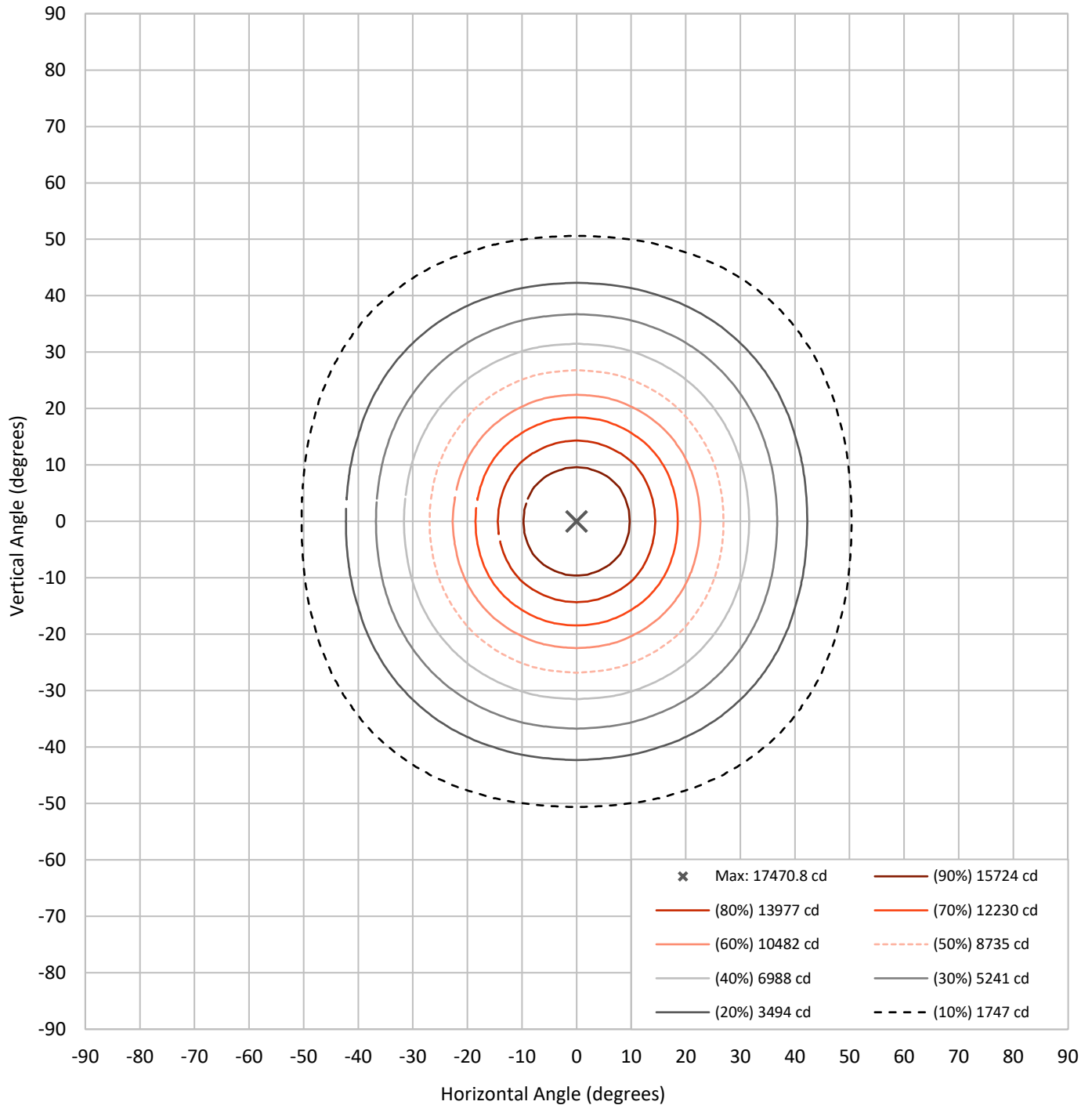
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17781.2 lumens	Max Intensity:	17470.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	146.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	8501.9 lumens	Field Lumens:	15692.5 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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





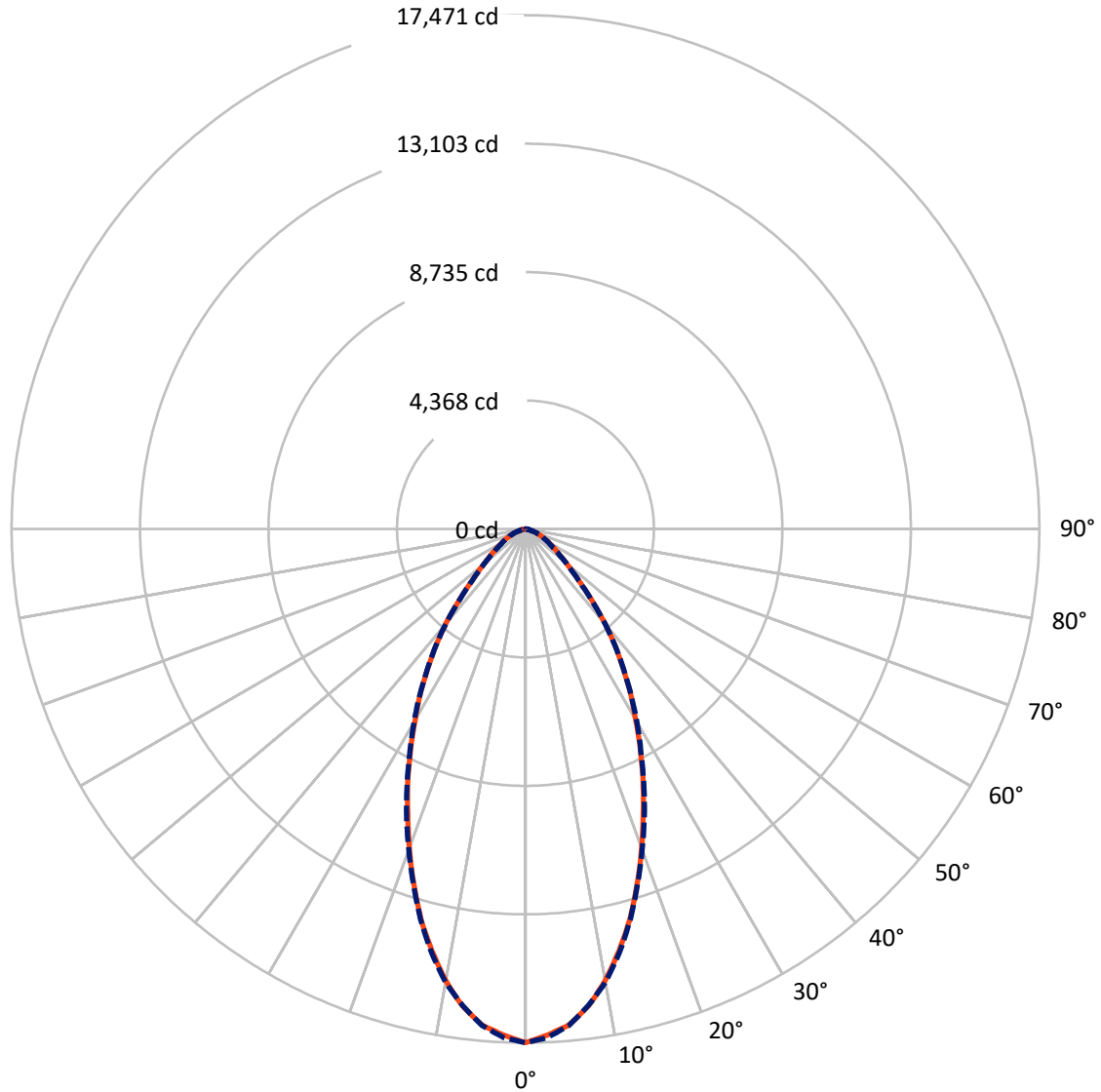
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### Lumen Table

90																			
80	0.7	4.9		11.2		18.6		15.9		18.6		11.2		4.9		0.7			
70																			
60	2.3	2.7	5.1	8.2	11.9	15.4	18.1	19.3	19.3	18.1	15.4	11.9	8.2	5.1	2.7	2.3			
50		3.8	7.7	13.4	20.5	28.2	35.1	39.2	39.2	35.1	28.2	20.5	13.4	7.7	3.8				
40	3.4	4.9	10.6	19.9	33.6	51.6	71.2	84.2	84.2	71.2	51.6	33.6	19.9	10.6	4.9	3.4			
30		6.0	14.0	29.0	56.4	100.1	145.4	172.5	172.5	145.4	100.1	56.4	29.0	14.0	6.0				
20	4.0	6.9	17.4	40.5	91.1	163.8	234.3	280.1	280.1	234.3	163.8	91.1	40.5	17.4	6.9	4.0			
10		7.7	20.4	52.6	124.3	221.1	326.5	401.7	401.7	326.5	221.1	124.3	52.6	20.4	7.7				
0	4.2	8.1	22.1	60.4	143.2	257.1	391.2	492.0	492.0	391.2	257.1	143.2	60.4	22.1	8.1	4.2			
-10		8.1	22.1	60.4	143.2	257.1	391.2	492.0	492.0	391.2	257.1	143.2	60.4	22.1	8.1				
-20	4.0	7.7	20.4	52.6	124.3	221.1	326.5	401.7	401.7	326.5	221.1	124.3	52.6	20.4	7.7	4.0			
-30		6.9	17.4	40.5	91.1	163.8	234.3	280.1	280.1	234.3	163.8	91.1	40.5	17.4	6.9				
-40	3.4	6.0	14.0	29.0	56.4	100.1	145.4	172.5	172.5	145.4	100.1	56.4	29.0	14.0	6.0	3.4			
-50		4.9	10.6	19.9	33.6	51.6	71.2	84.2	84.2	71.2	51.6	33.6	19.9	10.6	4.9				
-60	2.3	3.8	7.7	13.4	20.5	28.2	35.1	39.2	39.2	35.1	28.2	20.5	13.4	7.7	3.8	2.3			
-70		2.7	5.1	8.2	11.9	15.4	18.1	19.3	19.3	18.1	15.4	11.9	8.2	5.1	2.7				
-80																			
-90	0.7	4.9		11.2		18.6		15.9		18.6		11.2		4.9		0.7			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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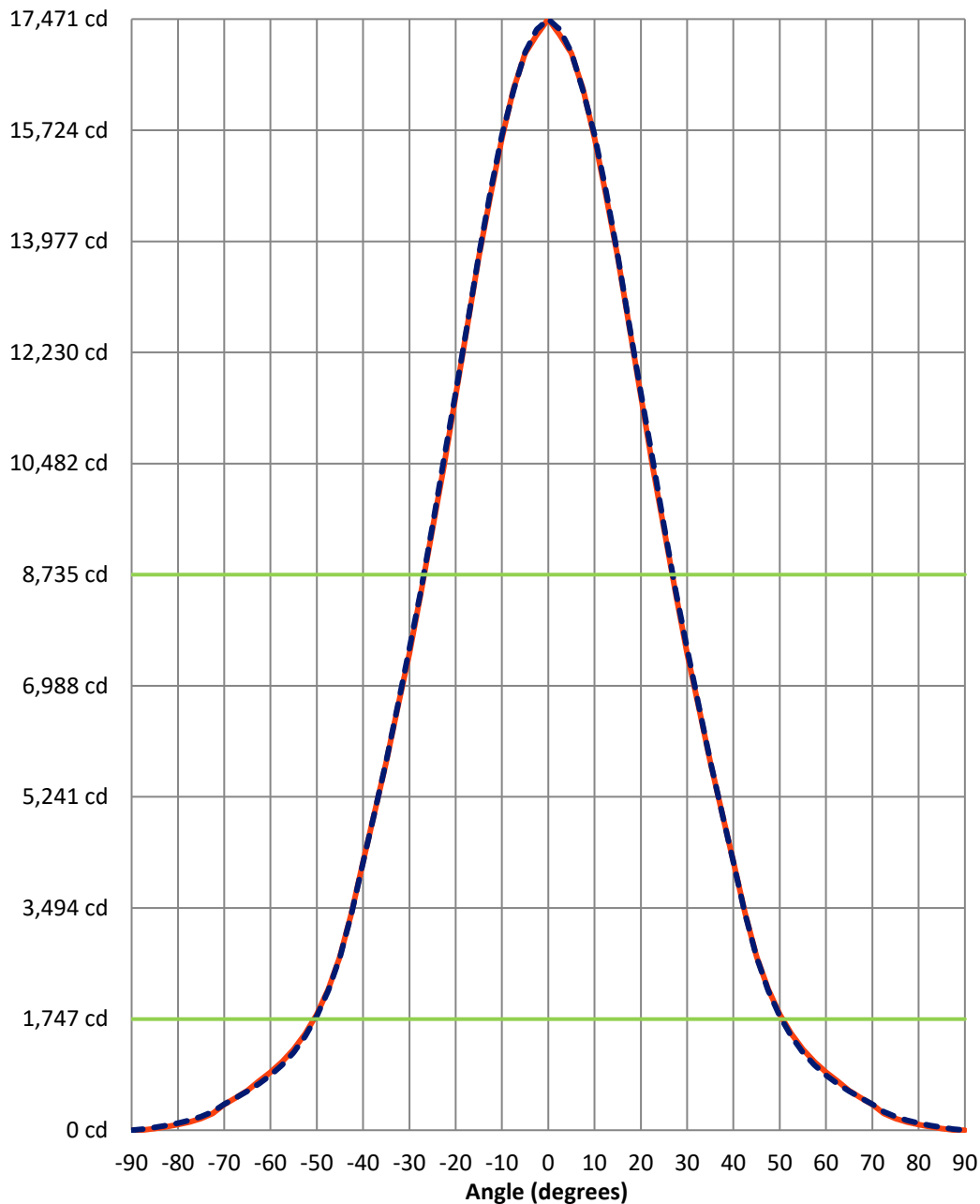
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 8501.9  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 15692.5  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 2088.7  
 Efficiency: 11.7%

- 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	0.9	2.0	3.3	4.8	6.5	8.3	9.2	9.9	10.5	10.9
85°	0.0	1.8	4.1	6.7	9.6	12.9	16.6	18.4	19.8	21.0	21.9
82.5°	0.0	2.7	6.1	10.0	14.4	19.3	24.8	27.6	30.4	35.2	39.5
80°	0.0	3.5	8.1	13.3	19.1	25.7	33.7	41.8	48.9	55.3	60.9
77.5°	0.0	4.4	10.1	16.5	23.8	33.4	48.0	58.6	67.4	75.4	83.3
75°	0.0	5.3	12.0	19.7	28.8	43.6	62.0	75.3	85.9	96.7	108.3
72.5°	0.0	6.1	13.9	22.8	35.7	53.6	75.5	91.8	104.5	118.3	132.9
70°	0.0	6.9	15.8	26.1	42.3	63.1	88.4	107.3	122.8	139.4	159.0
67.5°	0.0	7.7	17.6	30.1	48.6	72.3	99.5	122.5	140.7	161.3	184.8
65°	0.0	8.5	19.4	34.0	54.7	80.6	110.1	137.3	158.4	182.4	209.2
62.5°	0.0	9.3	21.0	37.7	60.4	88.3	120.2	151.4	175.3	202.7	231.9
60°	0.0	10.0	22.7	41.1	65.7	95.5	129.5	164.8	191.5	222.2	253.9
57.5°	0.0	10.7	24.6	44.3	70.6	102.2	138.0	176.8	207.8	241.1	274.2
55°	0.0	11.4	26.5	47.3	75.2	108.4	145.8	186.4	223.8	259.2	293.6
52.5°	0.0	12.0	28.3	50.0	79.4	114.1	153.0	196.8	239.2	276.5	312.6
50°	0.0	12.6	30.1	52.5	83.3	119.3	159.5	206.6	254.0	293.4	333.4
47.5°	0.0	13.2	31.7	54.8	86.7	124.0	165.5	215.5	268.6	309.8	353.8
45°	0.0	13.8	33.3	57.0	89.7	128.1	172.3	223.5	279.1	327.5	373.6
42.5°	0.0	14.3	34.8	59.0	92.3	131.7	178.3	231.4	288.7	344.6	394.1
40°	0.0	14.8	36.2	61.1	94.7	134.8	183.6	239.0	298.2	360.5	413.9
37.5°	0.0	15.2	37.4	63.3	96.8	137.3	188.1	245.9	308.6	373.0	432.7
35°	0.0	15.6	38.6	65.3	98.5	140.1	191.9	252.0	318.6	386.8	451.9
32.5°	0.0	16.0	39.7	67.2	99.8	142.7	195.4	257.4	328.1	400.8	471.6
30°	0.0	16.3	40.7	68.8	100.7	144.8	199.2	262.7	337.0	414.9	490.1
27.5°	0.0	16.6	41.6	70.3	102.8	146.3	202.3	269.2	346.4	429.1	507.5
25°	0.0	16.9	42.4	71.6	104.9	147.1	204.8	275.0	356.9	443.0	523.7
22.5°	0.0	17.1	43.1	72.7	106.7	148.3	206.5	280.1	366.9	455.8	541.4
20°	0.0	17.3	43.7	73.6	108.3	151.0	207.5	284.4	376.3	467.3	557.3
17.5°	0.0	17.4	44.2	74.3	109.6	153.2	209.8	287.9	384.9	477.4	571.2
15°	0.0	17.5	44.5	74.8	110.6	154.9	212.6	291.2	392.7	486.1	583.2
12.5°	0.0	17.5	44.8	75.2	111.4	156.2	214.6	294.2	399.3	493.4	593.2
10°	0.0	17.6	45.0	75.3	111.9	157.0	215.9	295.9	404.4	499.4	601.2
7.5°	0.0	17.6	45.0	75.3	112.1	157.3	216.4	296.2	408.0	504.1	607.5
5°	0.0	17.5	44.9	75.1	112.1	157.2	216.2	295.4	410.0	507.3	611.7
2.5°	0.0	17.4	44.8	74.7	111.7	156.6	215.2	293.4	410.2	508.8	613.8
0°	0.0	17.3	44.5	74.1	111.1	155.6	213.6	290.2	408.7	508.7	613.7
-2.5°	0.0	17.4	44.8	74.7	111.7	156.6	215.2	293.4	410.2	508.8	613.8
-5°	0.0	17.5	44.9	75.1	112.1	157.2	216.2	295.4	410.0	507.3	611.7
-7.5°	0.0	17.6	45.0	75.3	112.1	157.3	216.4	296.2	408.0	504.1	607.5
-10°	0.0	17.6	45.0	75.3	111.9	157.0	215.9	295.9	404.4	499.4	601.2
-12.5°	0.0	17.5	44.8	75.2	111.4	156.2	214.6	294.2	399.3	493.4	593.2
-15°	0.0	17.5	44.5	74.8	110.6	154.9	212.6	291.2	392.7	486.1	583.2
-17.5°	0.0	17.4	44.2	74.3	109.6	153.2	209.8	287.9	384.9	477.4	571.2
-20°	0.0	17.3	43.7	73.6	108.3	151.0	207.5	284.4	376.3	467.3	557.3

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Scaled Data Report



REPORT NUMBER: P627163 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.1	43.1	72.7	106.7	148.3	206.5	280.1	366.9	455.8	541.4
-25°	0.0	16.9	42.4	71.6	104.9	147.1	204.8	275.0	356.9	443.0	523.7
-27.5°	0.0	16.6	41.6	70.3	102.8	146.3	202.3	269.2	346.4	429.1	507.5
-30°	0.0	16.3	40.7	68.8	100.7	144.8	199.2	262.7	337.0	414.9	490.1
-32.5°	0.0	16.0	39.7	67.2	99.8	142.7	195.4	257.4	328.1	400.8	471.6
-35°	0.0	15.6	38.6	65.3	98.5	140.1	191.9	252.0	318.6	386.8	451.9
-37.5°	0.0	15.2	37.4	63.3	96.8	137.3	188.1	245.9	308.6	373.0	432.7
-40°	0.0	14.8	36.2	61.1	94.7	134.8	183.6	239.0	298.2	360.5	413.9
-42.5°	0.0	14.3	34.8	59.0	92.3	131.7	178.3	231.4	288.7	344.6	394.1
-45°	0.0	13.8	33.3	57.0	89.7	128.1	172.3	223.5	279.1	327.5	373.6
-47.5°	0.0	13.2	31.7	54.8	86.7	124.0	165.5	215.5	268.6	309.8	353.8
-50°	0.0	12.6	30.1	52.5	83.3	119.3	159.5	206.6	254.0	293.4	333.4
-52.5°	0.0	12.0	28.3	50.0	79.4	114.1	153.0	196.8	239.2	276.5	312.6
-55°	0.0	11.4	26.5	47.3	75.2	108.4	145.8	186.4	223.8	259.2	293.6
-57.5°	0.0	10.7	24.6	44.3	70.6	102.2	138.0	176.8	207.8	241.1	274.2
-60°	0.0	10.0	22.7	41.1	65.7	95.5	129.5	164.8	191.5	222.2	253.9
-62.5°	0.0	9.3	21.0	37.7	60.4	88.3	120.2	151.4	175.3	202.7	231.9
-65°	0.0	8.5	19.4	34.0	54.7	80.6	110.1	137.3	158.4	182.4	209.2
-67.5°	0.0	7.7	17.6	30.1	48.6	72.3	99.5	122.5	140.7	161.3	184.8
-70°	0.0	6.9	15.8	26.1	42.3	63.1	88.4	107.3	122.8	139.4	159.0
-72.5°	0.0	6.1	13.9	22.8	35.7	53.6	75.5	91.8	104.5	118.3	132.9
-75°	0.0	5.3	12.0	19.7	28.8	43.6	62.0	75.3	85.9	96.7	108.3
-77.5°	0.0	4.4	10.1	16.5	23.8	33.4	48.0	58.6	67.4	75.4	83.3
-80°	0.0	3.5	8.1	13.3	19.1	25.7	33.7	41.8	48.9	55.3	60.9
-82.5°	0.0	2.7	6.1	10.0	14.4	19.3	24.8	27.6	30.4	35.2	39.5
-85°	0.0	1.8	4.1	6.7	9.6	12.9	16.6	18.4	19.8	21.0	21.9
-87.5°	0.0	0.9	2.0	3.3	4.8	6.5	8.3	9.2	9.9	10.5	10.9
-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°	11.1	11.1	10.9	10.6	10.1	9.5	8.8	7.9	8.2	8.5	8.8
85°	22.2	22.2	24.1	25.8	26.6	26.7	26.2	25.1	28.3	32.0	36.0
82.5°	43.5	47.2	50.8	54.1	54.5	53.6	52.0	50.1	56.7	64.7	73.0
80°	66.6	72.2	78.6	84.6	86.0	85.4	83.5	80.5	89.2	101.5	114.8
77.5°	92.5	101.3	109.5	117.1	119.3	118.9	117.5	115.1	126.2	143.3	161.0
75°	119.8	130.4	141.0	150.3	154.3	154.6	154.1	156.8	171.3	191.3	208.9
72.5°	148.2	161.8	173.7	183.9	190.3	195.2	201.7	209.6	224.3	243.9	261.2
70°	178.2	193.3	205.9	217.2	227.0	237.7	251.4	264.9	280.4	300.0	317.9
67.5°	207.8	223.1	237.3	251.3	269.2	286.3	303.2	321.0	340.5	361.1	379.3
65°	235.3	252.6	269.9	290.2	313.4	332.8	353.8	376.8	402.5	425.6	446.7
62.5°	261.6	281.2	302.6	327.1	352.3	376.5	404.7	434.3	464.3	493.3	522.0
60°	283.9	308.2	334.3	362.0	391.0	424.0	457.0	492.2	528.0	562.9	598.5
57.5°	305.3	335.4	365.4	397.7	433.8	471.6	511.2	550.8	593.6	635.9	676.3
55°	327.5	362.9	397.1	435.4	476.8	521.1	565.8	613.9	661.2	714.4	763.5
52.5°	351.3	389.8	430.0	473.7	522.1	572.1	624.5	679.7	738.5	797.6	857.6
50°	374.4	417.9	462.6	514.9	569.0	626.1	686.7	751.0	819.4	887.9	960.5
47.5°	398.6	445.0	499.6	556.4	618.4	683.5	752.0	828.4	904.5	990.7	1074.0
45°	422.5	475.8	535.1	601.1	669.2	742.4	824.0	907.9	1004.9	1102.4	1211.8
42.5°	445.4	506.9	573.8	644.3	721.8	806.0	896.3	1001.7	1111.2	1231.8	1360.3
40°	471.8	536.7	611.9	690.8	774.8	871.0	979.6	1096.7	1230.3	1373.1	1519.1
37.5°	497.3	570.2	649.6	735.1	832.6	940.9	1060.9	1204.4	1358.6	1521.0	1719.5
35°	521.3	602.1	688.4	782.1	887.6	1013.2	1156.6	1315.2	1492.9	1702.3	1933.9
32.5°	546.7	632.3	725.0	830.2	949.6	1086.7	1249.6	1436.3	1646.5	1885.0	2174.9
30°	572.3	663.4	761.3	875.1	1008.0	1166.7	1351.8	1558.1	1800.0	2099.1	2439.4
27.5°	596.0	692.4	799.7	922.8	1064.8	1240.4	1450.0	1691.9	1976.8	2314.8	2712.3
25°	617.8	718.9	835.0	968.2	1127.5	1320.1	1547.3	1815.1	2153.7	2556.8	3045.8
22.5°	638.6	743.0	866.9	1009.0	1183.9	1397.1	1652.9	1959.4	2333.6	2786.0	3372.4
20°	658.0	769.1	898.6	1048.1	1234.3	1466.7	1749.9	2094.0	2519.9	3055.4	3692.7
17.5°	675.2	792.1	928.6	1090.3	1290.6	1537.5	1841.5	2212.9	2685.7	3296.1	3988.3
15°	689.9	811.9	954.5	1126.9	1341.2	1607.8	1937.6	2343.3	2858.6	3514.9	4247.9
12.5°	702.1	828.5	976.3	1157.7	1383.7	1667.2	2019.7	2459.5	3027.1	3721.0	4475.7
10°	711.9	841.8	993.9	1182.5	1418.0	1715.5	2087.3	2554.5	3167.3	3897.7	4668.4
7.5°	720.0	852.2	1007.3	1201.3	1444.0	1752.4	2139.9	2627.9	3276.9	4037.6	4816.3
5°	725.8	859.6	1017.6	1214.5	1463.0	1778.1	2176.8	2679.2	3354.8	4139.0	4917.4
2.5°	729.1	863.7	1023.4	1221.5	1474.7	1792.7	2196.1	2711.4	3397.7	4196.8	4978.6
0°	729.8	864.3	1024.9	1222.4	1478.0	1795.4	2199.1	2721.4	3406.7	4211.8	5000.8
-2.5°	729.1	863.7	1023.4	1221.5	1474.7	1792.7	2196.1	2711.4	3397.7	4196.8	4978.6
-5°	725.8	859.6	1017.6	1214.5	1463.0	1778.1	2176.8	2679.2	3354.8	4139.0	4917.4
-7.5°	720.0	852.2	1007.3	1201.3	1444.0	1752.4	2139.9	2627.9	3276.9	4037.6	4816.3
-10°	711.9	841.8	993.9	1182.5	1418.0	1715.5	2087.3	2554.5	3167.3	3897.7	4668.4
-12.5°	702.1	828.5	976.3	1157.7	1383.7	1667.2	2019.7	2459.5	3027.1	3721.0	4475.7
-15°	689.9	811.9	954.5	1126.9	1341.2	1607.8	1937.6	2343.3	2858.6	3514.9	4247.9
-17.5°	675.2	792.1	928.6	1090.3	1290.6	1537.5	1841.5	2212.9	2685.7	3296.1	3988.3
-20°	658.0	769.1	898.6	1048.1	1234.3	1466.7	1749.9	2094.0	2519.9	3055.4	3692.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627163 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	638.6	743.0	866.9	1009.0	1183.9	1397.1	1652.9	1959.4	2333.6	2786.0	3372.4
-25°	617.8	718.9	835.0	968.2	1127.5	1320.1	1547.3	1815.1	2153.7	2556.8	3045.8
-27.5°	596.0	692.4	799.7	922.8	1064.8	1240.4	1450.0	1691.9	1976.8	2314.8	2712.3
-30°	572.3	663.4	761.3	875.1	1008.0	1166.7	1351.8	1558.1	1800.0	2099.1	2439.4
-32.5°	546.7	632.3	725.0	830.2	949.6	1086.7	1249.6	1436.3	1646.5	1885.0	2174.9
-35°	521.3	602.1	688.4	782.1	887.6	1013.2	1156.6	1315.2	1492.9	1702.3	1933.9
-37.5°	497.3	570.2	649.6	735.1	832.6	940.9	1060.9	1204.4	1358.6	1521.0	1719.5
-40°	471.8	536.7	611.9	690.8	774.8	871.0	979.6	1096.7	1230.3	1373.1	1519.1
-42.5°	445.4	506.9	573.8	644.3	721.8	806.0	896.3	1001.7	1111.2	1231.8	1360.3
-45°	422.5	475.8	535.1	601.1	669.2	742.4	824.0	907.9	1004.9	1102.4	1211.8
-47.5°	398.6	445.0	499.6	556.4	618.4	683.5	752.0	828.4	904.5	990.7	1074.0
-50°	374.4	417.9	462.6	514.9	569.0	626.1	686.7	751.0	819.4	887.9	960.5
-52.5°	351.3	389.8	430.0	473.7	522.1	572.1	624.5	679.7	738.5	797.6	857.6
-55°	327.5	362.9	397.1	435.4	476.8	521.1	565.8	613.9	661.2	714.4	763.5
-57.5°	305.3	335.4	365.4	397.7	433.8	471.6	511.2	550.8	593.6	635.9	676.3
-60°	283.9	308.2	334.3	362.0	391.0	424.0	457.0	492.2	528.0	562.9	598.5
-62.5°	261.6	281.2	302.6	327.1	352.3	376.5	404.7	434.3	464.3	493.3	522.0
-65°	235.3	252.6	269.9	290.2	313.4	332.8	353.8	376.8	402.5	425.6	446.7
-67.5°	207.8	223.1	237.3	251.3	269.2	286.3	303.2	321.0	340.5	361.1	379.3
-70°	178.2	193.3	205.9	217.2	227.0	237.7	251.4	264.9	280.4	300.0	317.9
-72.5°	148.2	161.8	173.7	183.9	190.3	195.2	201.7	209.6	224.3	243.9	261.2
-75°	119.8	130.4	141.0	150.3	154.3	154.6	154.1	156.8	171.3	191.3	208.9
-77.5°	92.5	101.3	109.5	117.1	119.3	118.9	117.5	115.1	126.2	143.3	161.0
-80°	66.6	72.2	78.6	84.6	86.0	85.4	83.5	80.5	89.2	101.5	114.8
-82.5°	43.5	47.2	50.8	54.1	54.5	53.6	52.0	50.1	56.7	64.7	73.0
-85°	22.2	22.2	24.1	25.8	26.6	26.7	26.2	25.1	28.3	32.0	36.0
-87.5°	11.1	11.1	10.9	10.6	10.1	9.5	8.8	7.9	8.2	8.5	8.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627163 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-U-WR-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°	9.1	8.8	8.5	8.2	7.8	7.7	7.5	7.3	7.1	6.6	6.1
85°	40.2	41.1	41.5	41.8	41.8	43.1	44.4	45.5	46.5	42.2	37.4
82.5°	81.7	85.5	88.9	92.2	95.5	97.8	99.5	100.7	101.5	91.9	81.1
80°	128.6	136.6	143.3	149.6	155.7	157.2	157.2	156.4	154.7	141.5	126.6
77.5°	178.8	189.3	197.7	205.9	214.1	217.1	218.6	219.7	220.4	204.1	184.1
75°	224.3	236.8	248.6	259.4	269.5	274.8	277.9	280.5	282.5	266.1	244.6
72.5°	276.2	289.5	302.2	314.3	324.9	332.0	336.6	340.3	343.3	334.0	320.5
70°	333.4	347.2	360.6	373.1	385.1	394.6	402.0	408.4	413.7	414.7	414.3
67.5°	396.8	413.1	429.0	442.7	456.9	470.3	482.0	491.8	499.6	504.8	507.6
65°	468.0	492.5	514.2	532.6	548.1	565.9	581.6	593.6	602.1	608.6	614.1
62.5°	551.9	581.5	606.4	630.9	656.3	680.9	696.3	711.8	726.9	741.1	753.3
60°	632.6	665.1	698.8	730.1	759.2	785.9	813.6	838.1	859.5	877.4	890.8
57.5°	718.7	758.2	796.5	836.3	873.8	908.8	943.0	974.5	1001.7	1024.7	1043.4
55°	812.1	860.4	905.9	956.5	1005.5	1050.2	1091.4	1133.6	1171.6	1205.1	1231.6
52.5°	912.7	975.6	1035.8	1095.2	1158.8	1216.1	1267.5	1326.0	1377.9	1420.7	1454.1
50°	1032.9	1106.8	1186.4	1260.0	1340.1	1419.1	1491.9	1562.4	1631.3	1691.0	1739.2
47.5°	1169.9	1260.8	1359.3	1456.9	1556.4	1664.3	1760.6	1850.1	1946.5	2030.2	2097.3
45°	1322.0	1437.9	1557.0	1694.1	1820.5	1959.1	2087.4	2202.7	2339.4	2459.8	2556.8
42.5°	1490.8	1645.2	1801.8	1974.5	2142.2	2318.2	2505.1	2671.0	2852.3	3025.2	3164.9
40°	1700.1	1884.7	2094.3	2303.4	2544.0	2770.1	3042.4	3289.9	3514.7	3720.8	3889.7
37.5°	1932.6	2170.2	2433.6	2706.0	3035.2	3357.9	3676.7	3977.7	4243.4	4469.0	4658.3
35°	2196.5	2498.4	2817.5	3215.1	3600.8	3987.4	4347.5	4676.4	4965.4	5220.0	5436.4
32.5°	2500.2	2862.5	3309.0	3755.7	4195.8	4621.4	5016.7	5375.5	5692.5	5978.3	6227.2
30°	2819.4	3313.7	3814.9	4305.0	4785.6	5251.8	5685.6	6080.9	6439.0	6757.1	7043.9
27.5°	3225.0	3772.9	4319.4	4847.7	5376.4	5886.6	6356.8	6795.9	7206.8	7566.4	7894.2
25°	3617.3	4222.6	4803.6	5379.6	5955.2	6502.9	7028.7	7524.5	7995.2	8407.9	8773.9
22.5°	4009.6	4643.1	5264.0	5883.4	6501.6	7112.2	7702.6	8270.7	8797.1	9267.1	9679.0
20°	4373.0	5035.2	5699.1	6366.9	7037.0	7705.4	8368.4	9007.8	9594.2	10136.8	10613.6
17.5°	4698.7	5403.1	6106.9	6821.1	7547.6	8273.2	9009.8	9726.5	10396.9	11014.2	11567.4
15°	4987.1	5722.1	6478.1	7248.8	8028.9	8817.0	9620.6	10422.6	11177.2	11878.4	12495.9
12.5°	5239.4	6003.5	6795.7	7614.7	8461.4	9319.9	10197.0	11076.0	11911.4	12720.9	13387.7
10°	5447.4	6242.7	7070.9	7931.3	8824.2	9748.2	10689.2	11635.5	12555.8	13414.6	14177.1
7.5°	5608.2	6433.2	7286.6	8181.5	9118.3	10092.7	11089.5	12093.6	13075.9	14001.2	14844.9
5°	5721.5	6571.9	7436.0	8366.9	9336.2	10346.0	11382.0	12428.4	13455.2	14428.1	15302.5
2.5°	5787.3	6655.1	7523.0	8479.5	9465.8	10499.2	11563.4	12626.9	13680.8	14690.0	15588.4
0°	5804.7	6680.1	7572.9	8491.5	9506.5	10570.9	11597.0	12663.8	13759.1	14754.3	15649.5
-2.5°	5787.3	6655.1	7523.0	8479.5	9465.8	10499.2	11563.4	12626.9	13680.8	14690.0	15588.4
-5°	5721.5	6571.9	7436.0	8366.9	9336.2	10346.0	11382.0	12428.4	13455.2	14428.1	15302.5
-7.5°	5608.2	6433.2	7286.6	8181.5	9118.3	10092.7	11089.5	12093.6	13075.9	14001.2	14844.9
-10°	5447.4	6242.7	7070.9	7931.3	8824.2	9748.2	10689.2	11635.5	12555.8	13414.6	14177.1
-12.5°	5239.4	6003.5	6795.7	7614.7	8461.4	9319.9	10197.0	11076.0	11911.4	12720.9	13387.7
-15°	4987.1	5722.1	6478.1	7248.8	8028.9	8817.0	9620.6	10422.6	11177.2	11878.4	12495.9
-17.5°	4698.7	5403.1	6106.9	6821.1	7547.6	8273.2	9009.8	9726.5	10396.9	11014.2	11567.4
-20°	4373.0	5035.2	5699.1	6366.9	7037.0	7705.4	8368.4	9007.8	9594.2	10136.8	10613.6



REPORT NUMBER: P627163 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4009.6	4643.1	5264.0	5883.4	6501.6	7112.2	7702.6	8270.7	8797.1	9267.1	9679.0
-25°	3617.3	4222.6	4803.6	5379.6	5955.2	6502.9	7028.7	7524.5	7995.2	8407.9	8773.9
-27.5°	3225.0	3772.9	4319.4	4847.7	5376.4	5886.6	6356.8	6795.9	7206.8	7566.4	7894.2
-30°	2819.4	3313.7	3814.9	4305.0	4785.6	5251.8	5685.6	6080.9	6439.0	6757.1	7043.9
-32.5°	2500.2	2862.5	3309.0	3755.7	4195.8	4621.4	5016.7	5375.5	5692.5	5978.3	6227.2
-35°	2196.5	2498.4	2817.5	3215.1	3600.8	3987.4	4347.5	4676.4	4965.4	5220.0	5436.4
-37.5°	1932.6	2170.2	2433.6	2706.0	3035.2	3357.9	3676.7	3977.7	4243.4	4469.0	4658.3
-40°	1700.1	1884.7	2094.3	2303.4	2544.0	2770.1	3042.4	3289.9	3514.7	3720.8	3889.7
-42.5°	1490.8	1645.2	1801.8	1974.5	2142.2	2318.2	2505.1	2671.0	2852.3	3025.2	3164.9
-45°	1322.0	1437.9	1557.0	1694.1	1820.5	1959.1	2087.4	2202.7	2339.4	2459.8	2556.8
-47.5°	1169.9	1260.8	1359.3	1456.9	1556.4	1664.3	1760.6	1850.1	1946.5	2030.2	2097.3
-50°	1032.9	1106.8	1186.4	1260.0	1340.1	1419.1	1491.9	1562.4	1631.3	1691.0	1739.2
-52.5°	912.7	975.6	1035.8	1095.2	1158.8	1216.1	1267.5	1326.0	1377.9	1420.7	1454.1
-55°	812.1	860.4	905.9	956.5	1005.5	1050.2	1091.4	1133.6	1171.6	1205.1	1231.6
-57.5°	718.7	758.2	796.5	836.3	873.8	908.8	943.0	974.5	1001.7	1024.7	1043.4
-60°	632.6	665.1	698.8	730.1	759.2	785.9	813.6	838.1	859.5	877.4	890.8
-62.5°	551.9	581.5	606.4	630.9	656.3	680.9	696.3	711.8	726.9	741.1	753.3
-65°	468.0	492.5	514.2	532.6	548.1	565.9	581.6	593.6	602.1	608.6	614.1
-67.5°	396.8	413.1	429.0	442.7	456.9	470.3	482.0	491.8	499.6	504.8	507.6
-70°	333.4	347.2	360.6	373.1	385.1	394.6	402.0	408.4	413.7	414.7	414.3
-72.5°	276.2	289.5	302.2	314.3	324.9	332.0	336.6	340.3	343.3	334.0	320.5
-75°	224.3	236.8	248.6	259.4	269.5	274.8	277.9	280.5	282.5	266.1	244.6
-77.5°	178.8	189.3	197.7	205.9	214.1	217.1	218.6	219.7	220.4	204.1	184.1
-80°	128.6	136.6	143.3	149.6	155.7	157.2	157.2	156.4	154.7	141.5	126.6
-82.5°	81.7	85.5	88.9	92.2	95.5	97.8	99.5	100.7	101.5	91.9	81.1
-85°	40.2	41.1	41.5	41.8	41.8	43.1	44.4	45.5	46.5	42.2	37.4
-87.5°	9.1	8.8	8.5	8.2	7.8	7.7	7.5	7.3	7.1	6.6	6.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627163 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-735-U-WR-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°	5.5	4.9	4.3	3.7	4.3	4.9	5.5	6.1	6.6	7.1	7.3
85°	32.3	27.1	26.5	25.9	26.5	27.1	32.3	37.4	42.2	46.5	45.5
82.5°	69.7	57.9	56.1	54.3	56.1	57.9	69.7	81.1	91.9	101.5	100.7
80°	111.1	95.0	91.9	88.9	91.9	95.0	111.1	126.6	141.5	154.7	156.4
77.5°	163.0	141.0	134.5	128.4	134.5	141.0	163.0	184.1	204.1	220.4	219.7
75°	222.3	199.1	191.3	184.0	191.3	199.1	222.3	244.6	266.1	282.5	280.5
72.5°	306.9	292.9	278.6	263.0	278.6	292.9	306.9	320.5	334.0	343.3	340.3
70°	413.9	412.9	409.3	403.8	409.3	412.9	413.9	414.3	414.7	413.7	408.4
67.5°	508.9	508.5	509.7	510.0	509.7	508.5	508.9	507.6	504.8	499.6	491.8
65°	617.4	618.6	621.2	622.3	621.2	618.6	617.4	614.1	608.6	602.1	593.6
62.5°	762.6	768.9	772.1	771.7	772.1	768.9	762.6	753.3	741.1	726.9	711.8
60°	900.8	907.3	911.4	912.5	911.4	907.3	900.8	890.8	877.4	859.5	838.1
57.5°	1058.3	1069.0	1074.7	1075.5	1074.7	1069.0	1058.3	1043.4	1024.7	1001.7	974.5
55°	1252.0	1266.2	1272.6	1271.8	1272.6	1266.2	1252.0	1231.6	1205.1	1171.6	1133.6
52.5°	1479.4	1496.7	1509.7	1517.5	1509.7	1496.7	1479.4	1454.1	1420.7	1377.9	1326.0
50°	1775.5	1800.3	1816.1	1822.5	1816.1	1800.3	1775.5	1739.2	1691.0	1631.3	1562.4
47.5°	2145.8	2178.7	2203.1	2220.1	2203.1	2178.7	2145.8	2097.3	2030.2	1946.5	1850.1
45°	2628.4	2678.6	2712.6	2732.6	2712.6	2678.6	2628.4	2556.8	2459.8	2339.4	2202.7
42.5°	3274.0	3351.8	3399.6	3417.9	3399.6	3351.8	3274.0	3164.9	3025.2	2852.3	2671.0
40°	4023.2	4116.7	4178.1	4220.5	4178.1	4116.7	4023.2	3889.7	3720.8	3514.7	3289.9
37.5°	4803.5	4901.7	4961.5	5002.1	4961.5	4901.7	4803.5	4658.3	4469.0	4243.4	3977.7
35°	5599.6	5702.4	5758.5	5789.9	5758.5	5702.4	5599.6	5436.4	5220.0	4965.4	4676.4
32.5°	6416.9	6530.2	6591.2	6654.2	6591.2	6530.2	6416.9	6227.2	5978.3	5692.5	5375.5
30°	7270.5	7400.5	7464.3	7495.1	7464.3	7400.5	7270.5	7043.9	6757.1	6439.0	6080.9
27.5°	8158.8	8320.9	8400.7	8453.3	8400.7	8320.9	8158.8	7894.2	7566.4	7206.8	6795.9
25°	9083.0	9283.8	9375.3	9457.1	9375.3	9283.8	9083.0	8773.9	8407.9	7995.2	7524.5
22.5°	10041.9	10292.0	10397.9	10456.1	10397.9	10292.0	10041.9	9679.0	9267.1	8797.1	8270.7
20°	11025.8	11324.7	11471.8	11547.6	11471.8	11324.7	11025.8	10613.6	10136.8	9594.2	9007.8
17.5°	12032.0	12403.8	12594.2	12637.9	12594.2	12403.8	12032.0	11567.4	11014.2	10396.9	9726.5
15°	13019.7	13421.8	13647.0	13729.5	13647.0	13421.8	13019.7	12495.9	11878.4	11177.2	10422.6
12.5°	13955.1	14372.0	14640.9	14688.9	14640.9	14372.0	13955.1	13387.7	12720.9	11911.4	11076.0
10°	14803.5	15235.3	15532.4	15600.1	15532.4	15235.3	14803.5	14177.1	13414.6	12555.8	11635.5
7.5°	15512.8	15986.6	16314.8	16371.9	16314.8	15986.6	15512.8	14844.9	14001.2	13075.9	12093.6
5°	16031.7	16594.2	16863.6	16931.2	16863.6	16594.2	16031.7	15302.5	14428.1	13455.2	12428.4
2.5°	16316.4	16888.9	17263.4	17220.2	17263.4	16888.9	16316.4	15588.4	14690.0	13680.8	12626.9
0°	16348.4	16947.3	17305.4	17470.8	17305.4	16947.3	16348.4	15649.5	14754.3	13759.1	12663.8
-2.5°	16316.4	16888.9	17263.4	17220.2	17263.4	16888.9	16316.4	15588.4	14690.0	13680.8	12626.9
-5°	16031.7	16594.2	16863.6	16931.2	16863.6	16594.2	16031.7	15302.5	14428.1	13455.2	12428.4
-7.5°	15512.8	15986.6	16314.8	16371.9	16314.8	15986.6	15512.8	14844.9	14001.2	13075.9	12093.6
-10°	14803.5	15235.3	15532.4	15600.1	15532.4	15235.3	14803.5	14177.1	13414.6	12555.8	11635.5
-12.5°	13955.1	14372.0	14640.9	14688.9	14640.9	14372.0	13955.1	13387.7	12720.9	11911.4	11076.0
-15°	13019.7	13421.8	13647.0	13729.5	13647.0	13421.8	13019.7	12495.9	11878.4	11177.2	10422.6
-17.5°	12032.0	12403.8	12594.2	12637.9	12594.2	12403.8	12032.0	11567.4	11014.2	10396.9	9726.5
-20°	11025.8	11324.7	11471.8	11547.6	11471.8	11324.7	11025.8	10613.6	10136.8	9594.2	9007.8



REPORT NUMBER: P627163 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10041.9	10292.0	10397.9	10456.1	10397.9	10292.0	10041.9	9679.0	9267.1	8797.1	8270.7
-25°	9083.0	9283.8	9375.3	9457.1	9375.3	9283.8	9083.0	8773.9	8407.9	7995.2	7524.5
-27.5°	8158.8	8320.9	8400.7	8453.3	8400.7	8320.9	8158.8	7894.2	7566.4	7206.8	6795.9
-30°	7270.5	7400.5	7464.3	7495.1	7464.3	7400.5	7270.5	7043.9	6757.1	6439.0	6080.9
-32.5°	6416.9	6530.2	6591.2	6654.2	6591.2	6530.2	6416.9	6227.2	5978.3	5692.5	5375.5
-35°	5599.6	5702.4	5758.5	5789.9	5758.5	5702.4	5599.6	5436.4	5220.0	4965.4	4676.4
-37.5°	4803.5	4901.7	4961.5	5002.1	4961.5	4901.7	4803.5	4658.3	4469.0	4243.4	3977.7
-40°	4023.2	4116.7	4178.1	4220.5	4178.1	4116.7	4023.2	3889.7	3720.8	3514.7	3289.9
-42.5°	3274.0	3351.8	3399.6	3417.9	3399.6	3351.8	3274.0	3164.9	3025.2	2852.3	2671.0
-45°	2628.4	2678.6	2712.6	2732.6	2712.6	2678.6	2628.4	2556.8	2459.8	2339.4	2202.7
-47.5°	2145.8	2178.7	2203.1	2220.1	2203.1	2178.7	2145.8	2097.3	2030.2	1946.5	1850.1
-50°	1775.5	1800.3	1816.1	1822.5	1816.1	1800.3	1775.5	1739.2	1691.0	1631.3	1562.4
-52.5°	1479.4	1496.7	1509.7	1517.5	1509.7	1496.7	1479.4	1454.1	1420.7	1377.9	1326.0
-55°	1252.0	1266.2	1272.6	1271.8	1272.6	1266.2	1252.0	1231.6	1205.1	1171.6	1133.6
-57.5°	1058.3	1069.0	1074.7	1075.5	1074.7	1069.0	1058.3	1043.4	1024.7	1001.7	974.5
-60°	900.8	907.3	911.4	912.5	911.4	907.3	900.8	890.8	877.4	859.5	838.1
-62.5°	762.6	768.9	772.1	771.7	772.1	768.9	762.6	753.3	741.1	726.9	711.8
-65°	617.4	618.6	621.2	622.3	621.2	618.6	617.4	614.1	608.6	602.1	593.6
-67.5°	508.9	508.5	509.7	510.0	509.7	508.5	508.9	507.6	504.8	499.6	491.8
-70°	413.9	412.9	409.3	403.8	409.3	412.9	413.9	414.3	414.7	413.7	408.4
-72.5°	306.9	292.9	278.6	263.0	278.6	292.9	306.9	320.5	334.0	343.3	340.3
-75°	222.3	199.1	191.3	184.0	191.3	199.1	222.3	244.6	266.1	282.5	280.5
-77.5°	163.0	141.0	134.5	128.4	134.5	141.0	163.0	184.1	204.1	220.4	219.7
-80°	111.1	95.0	91.9	88.9	91.9	95.0	111.1	126.6	141.5	154.7	156.4
-82.5°	69.7	57.9	56.1	54.3	56.1	57.9	69.7	81.1	91.9	101.5	100.7
-85°	32.3	27.1	26.5	25.9	26.5	27.1	32.3	37.4	42.2	46.5	45.5
-87.5°	5.5	4.9	4.3	3.7	4.3	4.9	5.5	6.1	6.6	7.1	7.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627163 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-U-WR-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°	7.5	7.7	7.8	8.2	8.5	8.8	9.1	8.8	8.5	8.2	7.9
85°	44.4	43.1	41.8	41.8	41.5	41.1	40.2	36.0	32.0	28.3	25.1
82.5°	99.5	97.8	95.5	92.2	88.9	85.5	81.7	73.0	64.7	56.7	50.1
80°	157.2	157.2	155.7	149.6	143.3	136.6	128.6	114.8	101.5	89.2	80.5
77.5°	218.6	217.1	214.1	205.9	197.7	189.3	178.8	161.0	143.3	126.2	115.1
75°	277.9	274.8	269.5	259.4	248.6	236.8	224.3	208.9	191.3	171.3	156.8
72.5°	336.6	332.0	324.9	314.3	302.2	289.5	276.2	261.2	243.9	224.3	209.6
70°	402.0	394.6	385.1	373.1	360.6	347.2	333.4	317.9	300.0	280.4	264.9
67.5°	482.0	470.3	456.9	442.7	429.0	413.1	396.8	379.3	361.1	340.5	321.0
65°	581.6	565.9	548.1	532.6	514.2	492.5	468.0	446.7	425.6	402.5	376.8
62.5°	696.3	680.9	656.3	630.9	606.4	581.5	551.9	522.0	493.3	464.3	434.3
60°	813.6	785.9	759.2	730.1	698.8	665.1	632.6	598.5	562.9	528.0	492.2
57.5°	943.0	908.8	873.8	836.3	796.5	758.2	718.7	676.3	635.9	593.6	550.8
55°	1091.4	1050.2	1005.5	956.5	905.9	860.4	812.1	763.5	714.4	661.2	613.9
52.5°	1267.5	1216.1	1158.8	1095.2	1035.8	975.6	912.7	857.6	797.6	738.5	679.7
50°	1491.9	1419.1	1340.1	1260.0	1186.4	1106.8	1032.9	960.5	887.9	819.4	751.0
47.5°	1760.6	1664.3	1556.4	1456.9	1359.3	1260.8	1169.9	1074.0	990.7	904.5	828.4
45°	2087.4	1959.1	1820.5	1694.1	1557.0	1437.9	1322.0	1211.8	1102.4	1004.9	907.9
42.5°	2505.1	2318.2	2142.2	1974.5	1801.8	1645.2	1490.8	1360.3	1231.8	1111.2	1001.7
40°	3042.4	2770.1	2544.0	2303.4	2094.3	1884.7	1700.1	1519.1	1373.1	1230.3	1096.7
37.5°	3676.7	3357.9	3035.2	2706.0	2433.6	2170.2	1932.6	1719.5	1521.0	1358.6	1204.4
35°	4347.5	3987.4	3600.8	3215.1	2817.5	2498.4	2196.5	1933.9	1702.3	1492.9	1315.2
32.5°	5016.7	4621.4	4195.8	3755.7	3309.0	2862.5	2500.2	2174.9	1885.0	1646.5	1436.3
30°	5685.6	5251.8	4785.6	4305.0	3814.9	3313.7	2819.4	2439.4	2099.1	1800.0	1558.1
27.5°	6356.8	5886.6	5376.4	4847.7	4319.4	3772.9	3225.0	2712.3	2314.8	1976.8	1691.9
25°	7028.7	6502.9	5955.2	5379.6	4803.6	4222.6	3617.3	3045.8	2556.8	2153.7	1815.1
22.5°	7702.6	7112.2	6501.6	5883.4	5264.0	4643.1	4009.6	3372.4	2786.0	2333.6	1959.4
20°	8368.4	7705.4	7037.0	6366.9	5699.1	5035.2	4373.0	3692.7	3055.4	2519.9	2094.0
17.5°	9009.8	8273.2	7547.6	6821.1	6106.9	5403.1	4698.7	3988.3	3296.1	2685.7	2212.9
15°	9620.6	8817.0	8028.9	7248.8	6478.1	5722.1	4987.1	4247.9	3514.9	2858.6	2343.3
12.5°	10197.0	9319.9	8461.4	7614.7	6795.7	6003.5	5239.4	4475.7	3721.0	3027.1	2459.5
10°	10689.2	9748.2	8824.2	7931.3	7070.9	6242.7	5447.4	4668.4	3897.7	3167.3	2554.5
7.5°	11089.5	10092.7	9118.3	8181.5	7286.6	6433.2	5608.2	4816.3	4037.6	3276.9	2627.9
5°	11382.0	10346.0	9336.2	8366.9	7436.0	6571.9	5721.5	4917.4	4139.0	3354.8	2679.2
2.5°	11563.4	10499.2	9465.8	8479.5	7523.0	6655.1	5787.3	4978.6	4196.8	3397.7	2711.4
0°	11597.0	10570.9	9506.5	8491.5	7572.9	6680.1	5804.7	5000.8	4211.8	3406.7	2721.4
-2.5°	11563.4	10499.2	9465.8	8479.5	7523.0	6655.1	5787.3	4978.6	4196.8	3397.7	2711.4
-5°	11382.0	10346.0	9336.2	8366.9	7436.0	6571.9	5721.5	4917.4	4139.0	3354.8	2679.2
-7.5°	11089.5	10092.7	9118.3	8181.5	7286.6	6433.2	5608.2	4816.3	4037.6	3276.9	2627.9
-10°	10689.2	9748.2	8824.2	7931.3	7070.9	6242.7	5447.4	4668.4	3897.7	3167.3	2554.5
-12.5°	10197.0	9319.9	8461.4	7614.7	6795.7	6003.5	5239.4	4475.7	3721.0	3027.1	2459.5
-15°	9620.6	8817.0	8028.9	7248.8	6478.1	5722.1	4987.1	4247.9	3514.9	2858.6	2343.3
-17.5°	9009.8	8273.2	7547.6	6821.1	6106.9	5403.1	4698.7	3988.3	3296.1	2685.7	2212.9
-20°	8368.4	7705.4	7037.0	6366.9	5699.1	5035.2	4373.0	3692.7	3055.4	2519.9	2094.0



REPORT NUMBER: P627163 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7702.6	7112.2	6501.6	5883.4	5264.0	4643.1	4009.6	3372.4	2786.0	2333.6	1959.4
-25°	7028.7	6502.9	5955.2	5379.6	4803.6	4222.6	3617.3	3045.8	2556.8	2153.7	1815.1
-27.5°	6356.8	5886.6	5376.4	4847.7	4319.4	3772.9	3225.0	2712.3	2314.8	1976.8	1691.9
-30°	5685.6	5251.8	4785.6	4305.0	3814.9	3313.7	2819.4	2439.4	2099.1	1800.0	1558.1
-32.5°	5016.7	4621.4	4195.8	3755.7	3309.0	2862.5	2500.2	2174.9	1885.0	1646.5	1436.3
-35°	4347.5	3987.4	3600.8	3215.1	2817.5	2498.4	2196.5	1933.9	1702.3	1492.9	1315.2
-37.5°	3676.7	3357.9	3035.2	2706.0	2433.6	2170.2	1932.6	1719.5	1521.0	1358.6	1204.4
-40°	3042.4	2770.1	2544.0	2303.4	2094.3	1884.7	1700.1	1519.1	1373.1	1230.3	1096.7
-42.5°	2505.1	2318.2	2142.2	1974.5	1801.8	1645.2	1490.8	1360.3	1231.8	1111.2	1001.7
-45°	2087.4	1959.1	1820.5	1694.1	1557.0	1437.9	1322.0	1211.8	1102.4	1004.9	907.9
-47.5°	1760.6	1664.3	1556.4	1456.9	1359.3	1260.8	1169.9	1074.0	990.7	904.5	828.4
-50°	1491.9	1419.1	1340.1	1260.0	1186.4	1106.8	1032.9	960.5	887.9	819.4	751.0
-52.5°	1267.5	1216.1	1158.8	1095.2	1035.8	975.6	912.7	857.6	797.6	738.5	679.7
-55°	1091.4	1050.2	1005.5	956.5	905.9	860.4	812.1	763.5	714.4	661.2	613.9
-57.5°	943.0	908.8	873.8	836.3	796.5	758.2	718.7	676.3	635.9	593.6	550.8
-60°	813.6	785.9	759.2	730.1	698.8	665.1	632.6	598.5	562.9	528.0	492.2
-62.5°	696.3	680.9	656.3	630.9	606.4	581.5	551.9	522.0	493.3	464.3	434.3
-65°	581.6	565.9	548.1	532.6	514.2	492.5	468.0	446.7	425.6	402.5	376.8
-67.5°	482.0	470.3	456.9	442.7	429.0	413.1	396.8	379.3	361.1	340.5	321.0
-70°	402.0	394.6	385.1	373.1	360.6	347.2	333.4	317.9	300.0	280.4	264.9
-72.5°	336.6	332.0	324.9	314.3	302.2	289.5	276.2	261.2	243.9	224.3	209.6
-75°	277.9	274.8	269.5	259.4	248.6	236.8	224.3	208.9	191.3	171.3	156.8
-77.5°	218.6	217.1	214.1	205.9	197.7	189.3	178.8	161.0	143.3	126.2	115.1
-80°	157.2	157.2	155.7	149.6	143.3	136.6	128.6	114.8	101.5	89.2	80.5
-82.5°	99.5	97.8	95.5	92.2	88.9	85.5	81.7	73.0	64.7	56.7	50.1
-85°	44.4	43.1	41.8	41.8	41.5	41.1	40.2	36.0	32.0	28.3	25.1
-87.5°	7.5	7.7	7.8	8.2	8.5	8.8	9.1	8.8	8.5	8.2	7.9
-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: P627163 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-735-U-WR-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°	8.8	9.5	10.1	10.6	10.9	11.1	11.1	10.9	10.5	9.9	9.2
85°	26.2	26.7	26.6	25.8	24.1	22.2	22.2	21.9	21.0	19.8	18.4
82.5°	52.0	53.6	54.5	54.1	50.8	47.2	43.5	39.5	35.2	30.4	27.6
80°	83.5	85.4	86.0	84.6	78.6	72.2	66.6	60.9	55.3	48.9	41.8
77.5°	117.5	118.9	119.3	117.1	109.5	101.3	92.5	83.3	75.4	67.4	58.6
75°	154.1	154.6	154.3	150.3	141.0	130.4	119.8	108.3	96.7	85.9	75.3
72.5°	201.7	195.2	190.3	183.9	173.7	161.8	148.2	132.9	118.3	104.5	91.8
70°	251.4	237.7	227.0	217.2	205.9	193.3	178.2	159.0	139.4	122.8	107.3
67.5°	303.2	286.3	269.2	251.3	237.3	223.1	207.8	184.8	161.3	140.7	122.5
65°	353.8	332.8	313.4	290.2	269.9	252.6	235.3	209.2	182.4	158.4	137.3
62.5°	404.7	376.5	352.3	327.1	302.6	281.2	261.6	231.9	202.7	175.3	151.4
60°	457.0	424.0	391.0	362.0	334.3	308.2	283.9	253.9	222.2	191.5	164.8
57.5°	511.2	471.6	433.8	397.7	365.4	335.4	305.3	274.2	241.1	207.8	176.8
55°	565.8	521.1	476.8	435.4	397.1	362.9	327.5	293.6	259.2	223.8	186.4
52.5°	624.5	572.1	522.1	473.7	430.0	389.8	351.3	312.6	276.5	239.2	196.8
50°	686.7	626.1	569.0	514.9	462.6	417.9	374.4	333.4	293.4	254.0	206.6
47.5°	752.0	683.5	618.4	556.4	499.6	445.0	398.6	353.8	309.8	268.6	215.5
45°	824.0	742.4	669.2	601.1	535.1	475.8	422.5	373.6	327.5	279.1	223.5
42.5°	896.3	806.0	721.8	644.3	573.8	506.9	445.4	394.1	344.6	288.7	231.4
40°	979.6	871.0	774.8	690.8	611.9	536.7	471.8	413.9	360.5	298.2	239.0
37.5°	1060.9	940.9	832.6	735.1	649.6	570.2	497.3	432.7	373.0	308.6	245.9
35°	1156.6	1013.2	887.6	782.1	688.4	602.1	521.3	451.9	386.8	318.6	252.0
32.5°	1249.6	1086.7	949.6	830.2	725.0	632.3	546.7	471.6	400.8	328.1	257.4
30°	1351.8	1166.7	1008.0	875.1	761.3	663.4	572.3	490.1	414.9	337.0	262.7
27.5°	1450.0	1240.4	1064.8	922.8	799.7	692.4	596.0	507.5	429.1	346.4	269.2
25°	1547.3	1320.1	1127.5	968.2	835.0	718.9	617.8	523.7	443.0	356.9	275.0
22.5°	1652.9	1397.1	1183.9	1009.0	866.9	743.0	638.6	541.4	455.8	366.9	280.1
20°	1749.9	1466.7	1234.3	1048.1	898.6	769.1	658.0	557.3	467.3	376.3	284.4
17.5°	1841.5	1537.5	1290.6	1090.3	928.6	792.1	675.2	571.2	477.4	384.9	287.9
15°	1937.6	1607.8	1341.2	1126.9	954.5	811.9	689.9	583.2	486.1	392.7	291.2
12.5°	2019.7	1667.2	1383.7	1157.7	976.3	828.5	702.1	593.2	493.4	399.3	294.2
10°	2087.3	1715.5	1418.0	1182.5	993.9	841.8	711.9	601.2	499.4	404.4	295.9
7.5°	2139.9	1752.4	1444.0	1201.3	1007.3	852.2	720.0	607.5	504.1	408.0	296.2
5°	2176.8	1778.1	1463.0	1214.5	1017.6	859.6	725.8	611.7	507.3	410.0	295.4
2.5°	2196.1	1792.7	1474.7	1221.5	1023.4	863.7	729.1	613.8	508.8	410.2	293.4
0°	2199.1	1795.4	1478.0	1222.4	1024.9	864.3	729.8	613.7	508.7	408.7	290.2
-2.5°	2196.1	1792.7	1474.7	1221.5	1023.4	863.7	729.1	613.8	508.8	410.2	293.4
-5°	2176.8	1778.1	1463.0	1214.5	1017.6	859.6	725.8	611.7	507.3	410.0	295.4
-7.5°	2139.9	1752.4	1444.0	1201.3	1007.3	852.2	720.0	607.5	504.1	408.0	296.2
-10°	2087.3	1715.5	1418.0	1182.5	993.9	841.8	711.9	601.2	499.4	404.4	295.9
-12.5°	2019.7	1667.2	1383.7	1157.7	976.3	828.5	702.1	593.2	493.4	399.3	294.2
-15°	1937.6	1607.8	1341.2	1126.9	954.5	811.9	689.9	583.2	486.1	392.7	291.2
-17.5°	1841.5	1537.5	1290.6	1090.3	928.6	792.1	675.2	571.2	477.4	384.9	287.9
-20°	1749.9	1466.7	1234.3	1048.1	898.6	769.1	658.0	557.3	467.3	376.3	284.4

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Scaled Data Report



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

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1652.9	1397.1	1183.9	1009.0	866.9	743.0	638.6	541.4	455.8	366.9	280.1
-25°	1547.3	1320.1	1127.5	968.2	835.0	718.9	617.8	523.7	443.0	356.9	275.0
-27.5°	1450.0	1240.4	1064.8	922.8	799.7	692.4	596.0	507.5	429.1	346.4	269.2
-30°	1351.8	1166.7	1008.0	875.1	761.3	663.4	572.3	490.1	414.9	337.0	262.7
-32.5°	1249.6	1086.7	949.6	830.2	725.0	632.3	546.7	471.6	400.8	328.1	257.4
-35°	1156.6	1013.2	887.6	782.1	688.4	602.1	521.3	451.9	386.8	318.6	252.0
-37.5°	1060.9	940.9	832.6	735.1	649.6	570.2	497.3	432.7	373.0	308.6	245.9
-40°	979.6	871.0	774.8	690.8	611.9	536.7	471.8	413.9	360.5	298.2	239.0
-42.5°	896.3	806.0	721.8	644.3	573.8	506.9	445.4	394.1	344.6	288.7	231.4
-45°	824.0	742.4	669.2	601.1	535.1	475.8	422.5	373.6	327.5	279.1	223.5
-47.5°	752.0	683.5	618.4	556.4	499.6	445.0	398.6	353.8	309.8	268.6	215.5
-50°	686.7	626.1	569.0	514.9	462.6	417.9	374.4	333.4	293.4	254.0	206.6
-52.5°	624.5	572.1	522.1	473.7	430.0	389.8	351.3	312.6	276.5	239.2	196.8
-55°	565.8	521.1	476.8	435.4	397.1	362.9	327.5	293.6	259.2	223.8	186.4
-57.5°	511.2	471.6	433.8	397.7	365.4	335.4	305.3	274.2	241.1	207.8	176.8
-60°	457.0	424.0	391.0	362.0	334.3	308.2	283.9	253.9	222.2	191.5	164.8
-62.5°	404.7	376.5	352.3	327.1	302.6	281.2	261.6	231.9	202.7	175.3	151.4
-65°	353.8	332.8	313.4	290.2	269.9	252.6	235.3	209.2	182.4	158.4	137.3
-67.5°	303.2	286.3	269.2	251.3	237.3	223.1	207.8	184.8	161.3	140.7	122.5
-70°	251.4	237.7	227.0	217.2	205.9	193.3	178.2	159.0	139.4	122.8	107.3
-72.5°	201.7	195.2	190.3	183.9	173.7	161.8	148.2	132.9	118.3	104.5	91.8
-75°	154.1	154.6	154.3	150.3	141.0	130.4	119.8	108.3	96.7	85.9	75.3
-77.5°	117.5	118.9	119.3	117.1	109.5	101.3	92.5	83.3	75.4	67.4	58.6
-80°	83.5	85.4	86.0	84.6	78.6	72.2	66.6	60.9	55.3	48.9	41.8
-82.5°	52.0	53.6	54.5	54.1	50.8	47.2	43.5	39.5	35.2	30.4	27.6
-85°	26.2	26.7	26.6	25.8	24.1	22.2	22.2	21.9	21.0	19.8	18.4
-87.5°	8.8	9.5	10.1	10.6	10.9	11.1	11.1	10.9	10.5	9.9	9.2
-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: P627163 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-U-WR-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°	8.3	6.5	4.8	3.3	2.0	0.9	0.0
85°	16.6	12.9	9.6	6.7	4.1	1.8	0.0
82.5°	24.8	19.3	14.4	10.0	6.1	2.7	0.0
80°	33.7	25.7	19.1	13.3	8.1	3.5	0.0
77.5°	48.0	33.4	23.8	16.5	10.1	4.4	0.0
75°	62.0	43.6	28.8	19.7	12.0	5.3	0.0
72.5°	75.5	53.6	35.7	22.8	13.9	6.1	0.0
70°	88.4	63.1	42.3	26.1	15.8	6.9	0.0
67.5°	99.5	72.3	48.6	30.1	17.6	7.7	0.0
65°	110.1	80.6	54.7	34.0	19.4	8.5	0.0
62.5°	120.2	88.3	60.4	37.7	21.0	9.3	0.0
60°	129.5	95.5	65.7	41.1	22.7	10.0	0.0
57.5°	138.0	102.2	70.6	44.3	24.6	10.7	0.0
55°	145.8	108.4	75.2	47.3	26.5	11.4	0.0
52.5°	153.0	114.1	79.4	50.0	28.3	12.0	0.0
50°	159.5	119.3	83.3	52.5	30.1	12.6	0.0
47.5°	165.5	124.0	86.7	54.8	31.7	13.2	0.0
45°	172.3	128.1	89.7	57.0	33.3	13.8	0.0
42.5°	178.3	131.7	92.3	59.0	34.8	14.3	0.0
40°	183.6	134.8	94.7	61.1	36.2	14.8	0.0
37.5°	188.1	137.3	96.8	63.3	37.4	15.2	0.0
35°	191.9	140.1	98.5	65.3	38.6	15.6	0.0
32.5°	195.4	142.7	99.8	67.2	39.7	16.0	0.0
30°	199.2	144.8	100.7	68.8	40.7	16.3	0.0
27.5°	202.3	146.3	102.8	70.3	41.6	16.6	0.0
25°	204.8	147.1	104.9	71.6	42.4	16.9	0.0
22.5°	206.5	148.3	106.7	72.7	43.1	17.1	0.0
20°	207.5	151.0	108.3	73.6	43.7	17.3	0.0
17.5°	209.8	153.2	109.6	74.3	44.2	17.4	0.0
15°	212.6	154.9	110.6	74.8	44.5	17.5	0.0
12.5°	214.6	156.2	111.4	75.2	44.8	17.5	0.0
10°	215.9	157.0	111.9	75.3	45.0	17.6	0.0
7.5°	216.4	157.3	112.1	75.3	45.0	17.6	0.0
5°	216.2	157.2	112.1	75.1	44.9	17.5	0.0
2.5°	215.2	156.6	111.7	74.7	44.8	17.4	0.0
0°	213.6	155.6	111.1	74.1	44.5	17.3	0.0
-2.5°	215.2	156.6	111.7	74.7	44.8	17.4	0.0
-5°	216.2	157.2	112.1	75.1	44.9	17.5	0.0
-7.5°	216.4	157.3	112.1	75.3	45.0	17.6	0.0
-10°	215.9	157.0	111.9	75.3	45.0	17.6	0.0
-12.5°	214.6	156.2	111.4	75.2	44.8	17.5	0.0
-15°	212.6	154.9	110.6	74.8	44.5	17.5	0.0
-17.5°	209.8	153.2	109.6	74.3	44.2	17.4	0.0
-20°	207.5	151.0	108.3	73.6	43.7	17.3	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	206.5	148.3	106.7	72.7	43.1	17.1	0.0
-25°	204.8	147.1	104.9	71.6	42.4	16.9	0.0
-27.5°	202.3	146.3	102.8	70.3	41.6	16.6	0.0
-30°	199.2	144.8	100.7	68.8	40.7	16.3	0.0
-32.5°	195.4	142.7	99.8	67.2	39.7	16.0	0.0
-35°	191.9	140.1	98.5	65.3	38.6	15.6	0.0
-37.5°	188.1	137.3	96.8	63.3	37.4	15.2	0.0
-40°	183.6	134.8	94.7	61.1	36.2	14.8	0.0
-42.5°	178.3	131.7	92.3	59.0	34.8	14.3	0.0
-45°	172.3	128.1	89.7	57.0	33.3	13.8	0.0
-47.5°	165.5	124.0	86.7	54.8	31.7	13.2	0.0
-50°	159.5	119.3	83.3	52.5	30.1	12.6	0.0
-52.5°	153.0	114.1	79.4	50.0	28.3	12.0	0.0
-55°	145.8	108.4	75.2	47.3	26.5	11.4	0.0
-57.5°	138.0	102.2	70.6	44.3	24.6	10.7	0.0
-60°	129.5	95.5	65.7	41.1	22.7	10.0	0.0
-62.5°	120.2	88.3	60.4	37.7	21.0	9.3	0.0
-65°	110.1	80.6	54.7	34.0	19.4	8.5	0.0
-67.5°	99.5	72.3	48.6	30.1	17.6	7.7	0.0
-70°	88.4	63.1	42.3	26.1	15.8	6.9	0.0
-72.5°	75.5	53.6	35.7	22.8	13.9	6.1	0.0
-75°	62.0	43.6	28.8	19.7	12.0	5.3	0.0
-77.5°	48.0	33.4	23.8	16.5	10.1	4.4	0.0
-80°	33.7	25.7	19.1	13.3	8.1	3.5	0.0
-82.5°	24.8	19.3	14.4	10.0	6.1	2.7	0.0
-85°	16.6	12.9	9.6	6.7	4.1	1.8	0.0
-87.5°	8.3	6.5	4.8	3.3	2.0	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)