

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: P627893 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627893 (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-SA6C-740-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N149
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

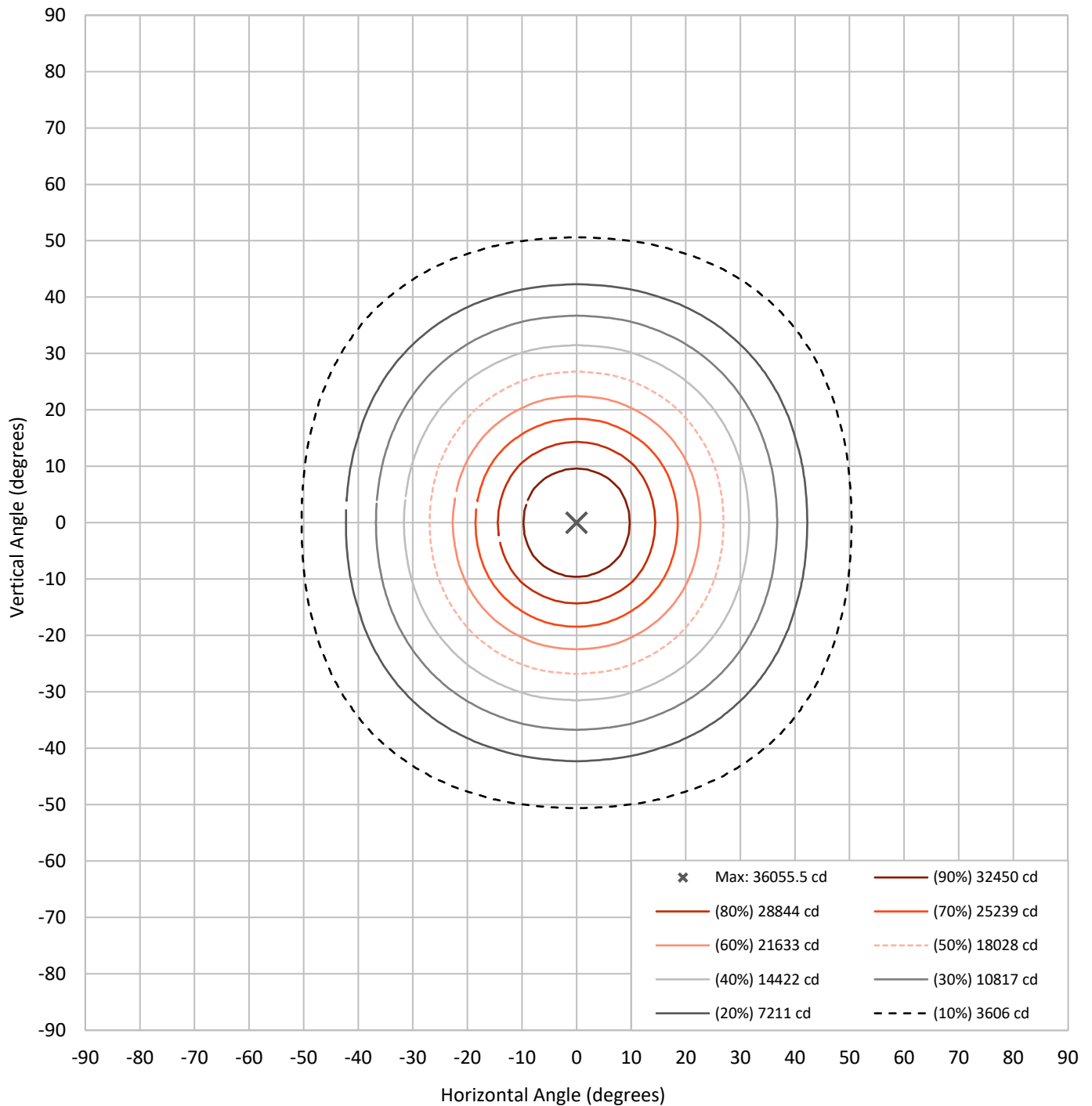
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	36696 lumens	Max Intensity:	36055.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	148.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	17545.8 lumens	Field Lumens:	32385.5 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	247.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





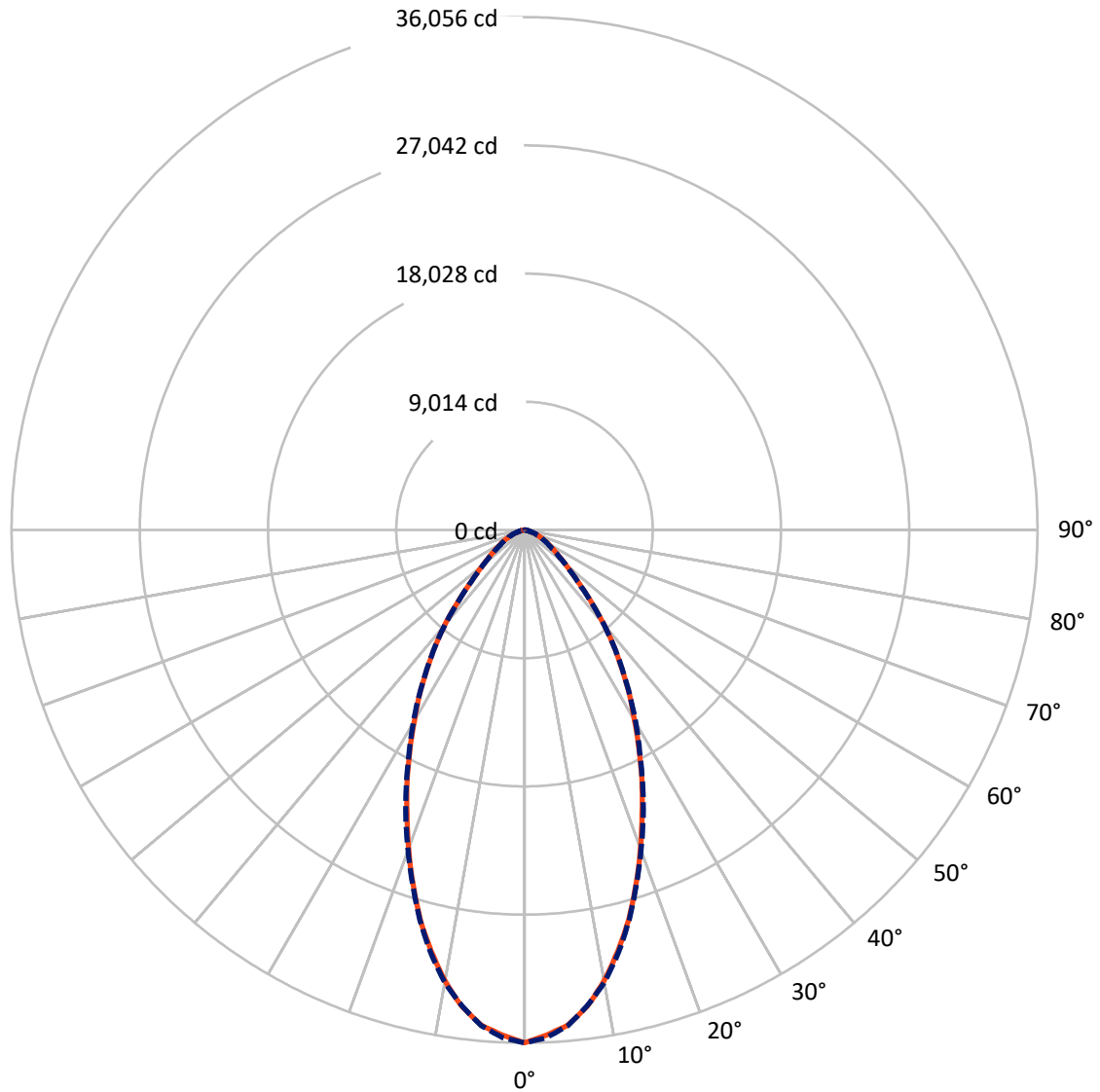
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Lumen Table

90																			
80	1.4	10.1		23.1		38.4		32.9		38.4		23.1		10.1		1.4			
70																			
60	4.8	5.6	10.5	16.9	24.5	31.8	37.3	39.9	39.9	37.3	31.8	24.5	16.9	10.5	5.6	4.8			
50		7.9	15.9	27.6	42.2	58.1	72.5	80.8	80.8	72.5	58.1	42.2	27.6	15.9	7.9				
40	7.0	10.1	22.0	41.1	69.3	106.5	146.8	173.7	173.7	146.8	106.5	69.3	41.1	22.0	10.1	7.0			
30		12.3	28.8	59.7	116.3	206.5	300.0	355.9	355.9	300.0	206.5	116.3	59.7	28.8	12.3				
20	8.3	14.3	35.9	83.6	188.0	338.0	483.6	578.1	578.1	483.6	338.0	188.0	83.6	35.9	14.3	8.3			
10		15.9	42.1	108.5	256.6	456.4	673.8	828.9	828.9	673.8	456.4	256.6	108.5	42.1	15.9				
0	8.7	16.7	45.6	124.6	295.4	530.6	807.4	1015.4	1015.4	807.4	530.6	295.4	124.6	45.6	16.7	8.7			
-10		16.7	45.6	124.6	295.4	530.6	807.4	1015.4	1015.4	807.4	530.6	295.4	124.6	45.6	16.7				
-20	8.3	15.9	42.1	108.5	256.6	456.4	673.8	828.9	828.9	673.8	456.4	256.6	108.5	42.1	15.9	8.3			
-30		14.3	35.9	83.6	188.0	338.0	483.6	578.1	578.1	483.6	338.0	188.0	83.6	35.9	14.3				
-40	7.0	12.3	28.8	59.7	116.3	206.5	300.0	355.9	355.9	300.0	206.5	116.3	59.7	28.8	12.3	7.0			
-50		10.1	22.0	41.1	69.3	106.5	146.8	173.7	173.7	146.8	106.5	69.3	41.1	22.0	10.1				
-60	4.8	7.9	15.9	27.6	42.2	58.1	72.5	80.8	80.8	72.5	58.1	42.2	27.6	15.9	7.9	4.8			
-70		5.6	10.5	16.9	24.5	31.8	37.3	39.9	39.9	37.3	31.8	24.5	16.9	10.5	5.6				
-80																			
-90	1.4	10.1		23.1		38.4		32.9		38.4		23.1		10.1		1.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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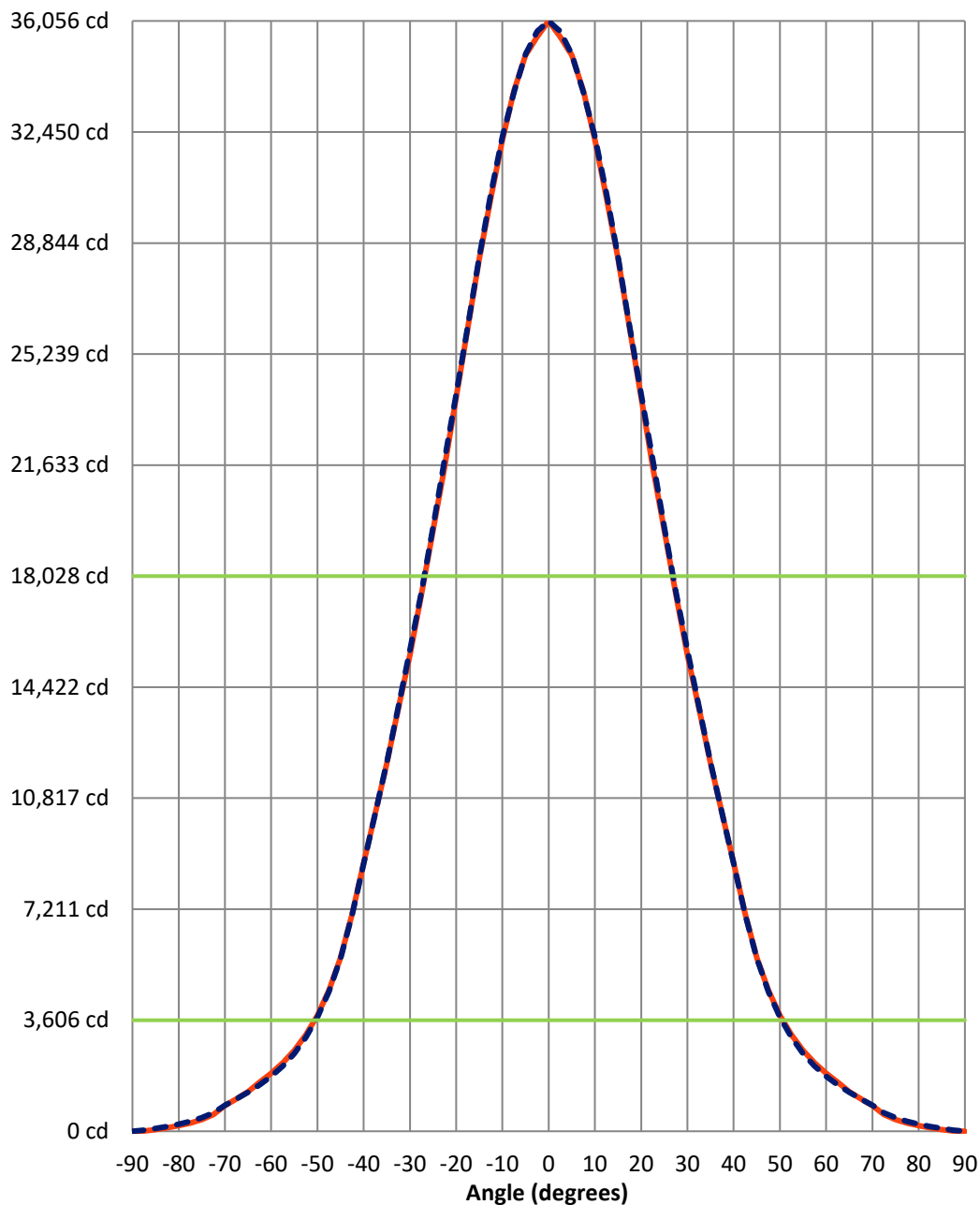
Luminous Intensity Polar Plot



— 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: 17545.8
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 32385.5
 Efficiency: 88.3%

Spill:
 Lumens: 4310.5
 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	1.8	4.2	6.9	10.0	13.4	17.1	19.0	20.5	21.7	22.6
85°	0.0	3.7	8.4	13.8	19.9	26.7	34.2	38.0	41.0	43.4	45.3
82.5°	0.0	5.5	12.6	20.6	29.7	39.9	51.2	56.9	62.7	72.7	81.5
80°	0.0	7.3	16.7	27.4	39.5	53.0	69.5	86.4	101.0	114.1	125.7
77.5°	0.0	9.1	20.8	34.0	49.1	68.9	99.2	121.0	139.2	155.5	171.8
75°	0.0	10.8	24.8	40.6	59.4	90.1	128.0	155.5	177.4	199.6	223.4
72.5°	0.0	12.6	28.7	47.0	73.6	110.6	155.9	189.4	215.8	244.0	274.2
70°	0.0	14.2	32.5	53.7	87.2	130.3	182.4	221.4	253.5	287.8	328.0
67.5°	0.0	15.9	36.3	62.1	100.3	149.1	205.4	252.8	290.4	332.9	381.2
65°	0.0	17.5	39.9	70.1	112.8	166.4	227.3	283.5	326.9	376.5	431.6
62.5°	0.0	19.1	43.3	77.6	124.5	182.3	248.0	312.5	361.8	418.2	478.5
60°	0.0	20.6	46.7	84.8	135.5	197.1	267.3	340.1	395.1	458.6	523.9
57.5°	0.0	22.1	50.7	91.4	145.7	211.0	284.8	364.9	428.9	497.6	565.8
55°	0.0	23.5	54.6	97.6	155.2	223.7	300.9	384.6	461.9	535.0	605.8
52.5°	0.0	24.8	58.4	103.2	163.9	235.4	315.7	406.1	493.6	570.7	645.1
50°	0.0	26.1	61.9	108.3	171.8	246.1	329.1	426.3	524.2	605.4	688.0
47.5°	0.0	27.3	65.4	112.9	178.9	255.8	341.5	444.7	554.3	639.2	730.2
45°	0.0	28.4	68.6	117.5	185.2	264.4	355.5	461.3	576.0	675.8	771.0
42.5°	0.0	29.5	71.7	121.6	190.5	271.8	368.0	477.5	595.8	711.1	813.3
40°	0.0	30.5	74.5	126.0	195.4	278.1	378.9	493.2	615.4	743.9	854.2
37.5°	0.0	31.4	77.2	130.6	199.7	283.2	388.3	507.4	636.9	769.8	892.9
35°	0.0	32.2	79.7	134.8	203.2	289.0	396.0	520.1	657.5	798.2	932.6
32.5°	0.0	33.0	81.9	138.6	205.9	294.5	403.2	531.2	677.1	827.1	973.2
30°	0.0	33.7	84.0	142.0	207.8	298.8	411.1	542.0	695.6	856.3	1011.4
27.5°	0.0	34.3	85.8	145.0	212.2	301.8	417.6	555.5	714.9	885.5	1047.2
25°	0.0	34.8	87.5	147.7	216.5	303.6	422.6	567.5	736.5	914.2	1080.7
22.5°	0.0	35.2	88.9	149.9	220.2	306.0	426.1	578.1	757.1	940.6	1117.3
20°	0.0	35.6	90.1	151.8	223.5	311.5	428.2	587.0	776.5	964.3	1150.0
17.5°	0.0	35.9	91.0	153.3	226.2	316.1	433.0	594.3	794.4	985.1	1178.8
15°	0.0	36.1	91.8	154.4	228.3	319.7	438.8	601.1	810.4	1003.2	1203.6
12.5°	0.0	36.2	92.3	155.1	229.9	322.3	443.0	607.2	824.1	1018.2	1224.2
10°	0.0	36.2	92.6	155.4	230.9	323.9	445.6	610.6	834.7	1030.7	1240.8
7.5°	0.0	36.2	92.7	155.3	231.4	324.6	446.7	611.4	842.1	1040.4	1253.8
5°	0.0	36.1	92.6	154.9	231.3	324.4	446.2	609.6	846.1	1046.9	1262.4
2.5°	0.0	35.9	92.3	154.1	230.6	323.2	444.3	605.3	846.7	1050.2	1266.7
0°	0.0	35.7	91.7	152.9	229.3	321.1	440.9	598.8	843.5	1049.9	1266.5
-2.5°	0.0	35.9	92.3	154.1	230.6	323.2	444.3	605.3	846.7	1050.2	1266.7
-5°	0.0	36.1	92.6	154.9	231.3	324.4	446.2	609.6	846.1	1046.9	1262.4
-7.5°	0.0	36.2	92.7	155.3	231.4	324.6	446.7	611.4	842.1	1040.4	1253.8
-10°	0.0	36.2	92.6	155.4	230.9	323.9	445.6	610.6	834.7	1030.7	1240.8
-12.5°	0.0	36.2	92.3	155.1	229.9	322.3	443.0	607.2	824.1	1018.2	1224.2
-15°	0.0	36.1	91.8	154.4	228.3	319.7	438.8	601.1	810.4	1003.2	1203.6
-17.5°	0.0	35.9	91.0	153.3	226.2	316.1	433.0	594.3	794.4	985.1	1178.8
-20°	0.0	35.6	90.1	151.8	223.5	311.5	428.2	587.0	776.5	964.3	1150.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6C-740-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	35.2	88.9	149.9	220.2	306.0	426.1	578.1	757.1	940.6	1117.3
-25°	0.0	34.8	87.5	147.7	216.5	303.6	422.6	567.5	736.5	914.2	1080.7
-27.5°	0.0	34.3	85.8	145.0	212.2	301.8	417.6	555.5	714.9	885.5	1047.2
-30°	0.0	33.7	84.0	142.0	207.8	298.8	411.1	542.0	695.6	856.3	1011.4
-32.5°	0.0	33.0	81.9	138.6	205.9	294.5	403.2	531.2	677.1	827.1	973.2
-35°	0.0	32.2	79.7	134.8	203.2	289.0	396.0	520.1	657.5	798.2	932.6
-37.5°	0.0	31.4	77.2	130.6	199.7	283.2	388.3	507.4	636.9	769.8	892.9
-40°	0.0	30.5	74.5	126.0	195.4	278.1	378.9	493.2	615.4	743.9	854.2
-42.5°	0.0	29.5	71.7	121.6	190.5	271.8	368.0	477.5	595.8	711.1	813.3
-45°	0.0	28.4	68.6	117.5	185.2	264.4	355.5	461.3	576.0	675.8	771.0
-47.5°	0.0	27.3	65.4	112.9	178.9	255.8	341.5	444.7	554.3	639.2	730.2
-50°	0.0	26.1	61.9	108.3	171.8	246.1	329.1	426.3	524.2	605.4	688.0
-52.5°	0.0	24.8	58.4	103.2	163.9	235.4	315.7	406.1	493.6	570.7	645.1
-55°	0.0	23.5	54.6	97.6	155.2	223.7	300.9	384.6	461.9	535.0	605.8
-57.5°	0.0	22.1	50.7	91.4	145.7	211.0	284.8	364.9	428.9	497.6	565.8
-60°	0.0	20.6	46.7	84.8	135.5	197.1	267.3	340.1	395.1	458.6	523.9
-62.5°	0.0	19.1	43.3	77.6	124.5	182.3	248.0	312.5	361.8	418.2	478.5
-65°	0.0	17.5	39.9	70.1	112.8	166.4	227.3	283.5	326.9	376.5	431.6
-67.5°	0.0	15.9	36.3	62.1	100.3	149.1	205.4	252.8	290.4	332.9	381.2
-70°	0.0	14.2	32.5	53.7	87.2	130.3	182.4	221.4	253.5	287.8	328.0
-72.5°	0.0	12.6	28.7	47.0	73.6	110.6	155.9	189.4	215.8	244.0	274.2
-75°	0.0	10.8	24.8	40.6	59.4	90.1	128.0	155.5	177.4	199.6	223.4
-77.5°	0.0	9.1	20.8	34.0	49.1	68.9	99.2	121.0	139.2	155.5	171.8
-80°	0.0	7.3	16.7	27.4	39.5	53.0	69.5	86.4	101.0	114.1	125.7
-82.5°	0.0	5.5	12.6	20.6	29.7	39.9	51.2	56.9	62.7	72.7	81.5
-85°	0.0	3.7	8.4	13.8	19.9	26.7	34.2	38.0	41.0	43.4	45.3
-87.5°	0.0	1.8	4.2	6.9	10.0	13.4	17.1	19.0	20.5	21.7	22.6
-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°	22.9	22.9	22.6	21.9	20.9	19.7	18.1	16.2	16.9	17.5	18.2
85°	46.0	46.0	49.7	53.3	54.9	55.1	54.0	51.7	58.4	66.1	74.3
82.5°	89.7	97.5	104.9	111.8	112.5	110.7	107.3	103.2	116.9	133.4	150.6
80°	137.5	149.0	162.2	174.6	177.5	176.2	172.4	166.1	184.1	209.5	236.9
77.5°	190.9	209.1	226.0	241.7	246.2	245.5	242.6	237.6	260.4	295.6	332.2
75°	247.1	269.2	291.1	310.2	318.4	319.1	318.1	323.5	353.6	394.8	431.2
72.5°	305.7	333.8	358.4	379.6	392.8	402.9	416.2	432.6	463.0	503.4	539.1
70°	367.7	398.9	424.9	448.3	468.5	490.5	518.8	546.7	578.7	619.1	656.2
67.5°	428.9	460.5	489.8	518.7	555.5	590.8	625.9	662.4	702.7	745.2	782.7
65°	485.6	521.3	557.1	599.0	646.9	686.8	730.1	777.6	830.5	878.3	921.8
62.5°	539.9	580.2	624.6	675.2	727.0	777.1	835.1	896.2	958.1	1018.0	1077.3
60°	585.9	636.1	689.9	747.0	806.9	875.0	943.1	1015.8	1089.6	1161.7	1235.2
57.5°	630.1	692.1	754.1	820.7	895.3	973.1	1054.9	1136.8	1225.1	1312.3	1395.7
55°	675.9	749.0	819.6	898.4	983.9	1075.4	1167.8	1267.0	1364.5	1474.4	1575.7
52.5°	725.0	804.4	887.4	977.6	1077.5	1180.6	1288.9	1402.7	1524.1	1646.2	1770.0
50°	772.7	862.4	954.6	1062.6	1174.3	1292.1	1417.2	1549.7	1691.0	1832.4	1982.2
47.5°	822.7	918.4	1031.0	1148.3	1276.2	1410.4	1552.0	1709.6	1866.6	2044.6	2216.5
45°	872.0	982.0	1104.3	1240.5	1381.0	1532.1	1700.4	1873.5	2073.9	2275.0	2500.9
42.5°	919.3	1046.2	1184.1	1329.7	1489.6	1663.3	1849.6	2067.2	2293.2	2542.1	2807.2
40°	973.7	1107.5	1262.9	1425.7	1598.9	1797.4	2021.6	2263.2	2539.0	2833.8	3135.0
37.5°	1026.3	1176.7	1340.6	1517.2	1718.2	1941.8	2189.3	2485.6	2803.7	3138.8	3548.5
35°	1075.8	1242.5	1420.6	1614.1	1831.8	2090.9	2386.9	2714.3	3080.9	3513.1	3991.1
32.5°	1128.3	1304.9	1496.2	1713.3	1959.7	2242.7	2578.9	2964.2	3398.1	3890.3	4488.4
30°	1181.2	1369.0	1571.2	1806.1	2080.3	2407.8	2789.8	3215.7	3714.7	4332.1	5034.3
27.5°	1230.1	1429.0	1650.5	1904.5	2197.5	2560.0	2992.4	3491.7	4079.6	4777.3	5597.5
25°	1275.0	1483.6	1723.3	1998.2	2326.8	2724.3	3193.2	3746.1	4444.7	5276.6	6285.7
22.5°	1317.9	1533.4	1789.2	2082.4	2443.3	2883.4	3411.1	4043.7	4816.0	5749.6	6959.8
20°	1358.1	1587.2	1854.6	2163.0	2547.3	3027.0	3611.5	4321.6	5200.4	6305.7	7620.9
17.5°	1393.4	1634.7	1916.4	2250.2	2663.4	3173.0	3800.4	4567.0	5542.6	6802.3	8230.9
15°	1423.7	1675.6	1970.0	2325.6	2767.9	3318.1	3998.8	4836.0	5899.6	7253.9	8766.5
12.5°	1449.0	1709.8	2014.9	2389.1	2855.7	3440.7	4168.2	5075.8	6247.3	7679.3	9236.7
10°	1469.2	1737.2	2051.2	2440.4	2926.5	3540.4	4307.7	5272.0	6536.6	8043.9	9634.4
7.5°	1486.0	1758.7	2078.9	2479.3	2980.0	3616.4	4416.4	5423.3	6762.7	8332.6	9939.7
5°	1497.9	1774.1	2100.0	2506.5	3019.3	3669.5	4492.4	5529.2	6923.6	8541.8	10148.4
2.5°	1504.6	1782.5	2112.1	2521.0	3043.5	3699.6	4532.3	5595.6	7012.0	8661.2	10274.6
0°	1506.0	1783.8	2115.1	2522.8	3050.3	3705.2	4538.5	5616.4	7030.7	8692.1	10320.5
-2.5°	1504.6	1782.5	2112.1	2521.0	3043.5	3699.6	4532.3	5595.6	7012.0	8661.2	10274.6
-5°	1497.9	1774.1	2100.0	2506.5	3019.3	3669.5	4492.4	5529.2	6923.6	8541.8	10148.4
-7.5°	1486.0	1758.7	2078.9	2479.3	2980.0	3616.4	4416.4	5423.3	6762.7	8332.6	9939.7
-10°	1469.2	1737.2	2051.2	2440.4	2926.5	3540.4	4307.7	5272.0	6536.6	8043.9	9634.4
-12.5°	1449.0	1709.8	2014.9	2389.1	2855.7	3440.7	4168.2	5075.8	6247.3	7679.3	9236.7
-15°	1423.7	1675.6	1970.0	2325.6	2767.9	3318.1	3998.8	4836.0	5899.6	7253.9	8766.5
-17.5°	1393.4	1634.7	1916.4	2250.2	2663.4	3173.0	3800.4	4567.0	5542.6	6802.3	8230.9
-20°	1358.1	1587.2	1854.6	2163.0	2547.3	3027.0	3611.5	4321.6	5200.4	6305.7	7620.9



REPORT NUMBER: P627893 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	1317.9	1533.4	1789.2	2082.4	2443.3	2883.4	3411.1	4043.7	4816.0	5749.6	6959.8
-25°	1275.0	1483.6	1723.3	1998.2	2326.8	2724.3	3193.2	3746.1	4444.7	5276.6	6285.7
-27.5°	1230.1	1429.0	1650.5	1904.5	2197.5	2560.0	2992.4	3491.7	4079.6	4777.3	5597.5
-30°	1181.2	1369.0	1571.2	1806.1	2080.3	2407.8	2789.8	3215.7	3714.7	4332.1	5034.3
-32.5°	1128.3	1304.9	1496.2	1713.3	1959.7	2242.7	2578.9	2964.2	3398.1	3890.3	4488.4
-35°	1075.8	1242.5	1420.6	1614.1	1831.8	2090.9	2386.9	2714.3	3080.9	3513.1	3991.1
-37.5°	1026.3	1176.7	1340.6	1517.2	1718.2	1941.8	2189.3	2485.6	2803.7	3138.8	3548.5
-40°	973.7	1107.5	1262.9	1425.7	1598.9	1797.4	2021.6	2263.2	2539.0	2833.8	3135.0
-42.5°	919.3	1046.2	1184.1	1329.7	1489.6	1663.3	1849.6	2067.2	2293.2	2542.1	2807.2
-45°	872.0	982.0	1104.3	1240.5	1381.0	1532.1	1700.4	1873.5	2073.9	2275.0	2500.9
-47.5°	822.7	918.4	1031.0	1148.3	1276.2	1410.4	1552.0	1709.6	1866.6	2044.6	2216.5
-50°	772.7	862.4	954.6	1062.6	1174.3	1292.1	1417.2	1549.7	1691.0	1832.4	1982.2
-52.5°	725.0	804.4	887.4	977.6	1077.5	1180.6	1288.9	1402.7	1524.1	1646.2	1770.0
-55°	675.9	749.0	819.6	898.4	983.9	1075.4	1167.8	1267.0	1364.5	1474.4	1575.7
-57.5°	630.1	692.1	754.1	820.7	895.3	973.1	1054.9	1136.8	1225.1	1312.3	1395.7
-60°	585.9	636.1	689.9	747.0	806.9	875.0	943.1	1015.8	1089.6	1161.7	1235.2
-62.5°	539.9	580.2	624.6	675.2	727.0	777.1	835.1	896.2	958.1	1018.0	1077.3
-65°	485.6	521.3	557.1	599.0	646.9	686.8	730.1	777.6	830.5	878.3	921.8
-67.5°	428.9	460.5	489.8	518.7	555.5	590.8	625.9	662.4	702.7	745.2	782.7
-70°	367.7	398.9	424.9	448.3	468.5	490.5	518.8	546.7	578.7	619.1	656.2
-72.5°	305.7	333.8	358.4	379.6	392.8	402.9	416.2	432.6	463.0	503.4	539.1
-75°	247.1	269.2	291.1	310.2	318.4	319.1	318.1	323.5	353.6	394.8	431.2
-77.5°	190.9	209.1	226.0	241.7	246.2	245.5	242.6	237.6	260.4	295.6	332.2
-80°	137.5	149.0	162.2	174.6	177.5	176.2	172.4	166.1	184.1	209.5	236.9
-82.5°	89.7	97.5	104.9	111.8	112.5	110.7	107.3	103.2	116.9	133.4	150.6
-85°	46.0	46.0	49.7	53.3	54.9	55.1	54.0	51.7	58.4	66.1	74.3
-87.5°	22.9	22.9	22.6	21.9	20.9	19.7	18.1	16.2	16.9	17.5	18.2
-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: P627893 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	18.8	18.2	17.6	16.9	16.1	15.9	15.6	15.2	14.8	13.7	12.6
85°	82.9	84.7	85.7	86.2	86.2	89.0	91.6	93.9	96.0	87.0	77.1
82.5°	168.5	176.4	183.3	190.2	197.0	201.7	205.3	207.9	209.5	189.7	167.4
80°	265.3	281.9	295.6	308.8	321.3	324.5	324.4	322.6	319.2	292.0	261.3
77.5°	368.9	390.7	407.9	425.0	441.9	448.1	451.1	453.4	454.9	421.4	379.9
75°	462.9	488.9	513.0	535.5	556.1	567.1	573.6	578.9	582.9	549.2	504.8
72.5°	570.1	597.6	623.7	648.6	670.5	685.0	694.5	702.3	708.5	689.2	661.5
70°	688.0	716.4	744.1	769.9	794.7	814.2	829.6	842.9	853.9	856.0	855.1
67.5°	818.9	852.4	885.3	913.5	942.9	970.5	994.8	1015.0	1031.1	1041.7	1047.7
65°	965.8	1016.3	1061.1	1099.2	1131.0	1167.8	1200.4	1225.2	1242.7	1255.9	1267.3
62.5°	1139.0	1200.1	1251.4	1302.1	1354.5	1405.3	1437.1	1469.0	1500.2	1529.6	1554.7
60°	1305.6	1372.6	1442.1	1506.9	1566.8	1622.0	1679.0	1729.6	1773.9	1810.9	1838.4
57.5°	1483.2	1564.8	1643.8	1726.0	1803.4	1875.6	1946.0	2011.1	2067.4	2114.6	2153.3
55°	1675.9	1775.7	1869.6	1974.0	2075.2	2167.4	2252.3	2339.4	2417.9	2487.0	2541.8
52.5°	1883.7	2013.4	2137.8	2260.3	2391.5	2509.8	2615.8	2736.6	2843.6	2932.1	3001.0
50°	2131.8	2284.2	2448.4	2600.3	2765.8	2928.7	3078.9	3224.4	3366.7	3489.8	3589.3
47.5°	2414.3	2601.9	2805.3	3006.7	3212.1	3434.8	3633.5	3818.1	4017.1	4189.8	4328.4
45°	2728.3	2967.6	3213.2	3496.2	3757.0	4043.1	4307.9	4545.7	4827.9	5076.4	5276.6
42.5°	3076.7	3395.3	3718.3	4074.9	4420.9	4784.1	5170.0	5512.2	5886.4	6243.2	6531.5
40°	3508.5	3889.4	4322.0	4753.6	5250.2	5716.7	6278.7	6789.5	7253.4	7678.8	8027.4
37.5°	3988.3	4478.7	5022.2	5584.3	6263.8	6929.8	7587.8	8208.9	8757.3	9222.9	9613.5
35°	4533.1	5156.1	5814.5	6635.1	7431.2	8229.0	8972.1	9651.0	10247.5	10772.7	11219.4
32.5°	5159.6	5907.5	6829.1	7751.0	8659.1	9537.4	10353.2	11093.7	11747.8	12337.6	12851.3
30°	5818.4	6838.8	7873.1	8884.5	9876.4	10838.4	11733.8	12549.4	13288.5	13945.1	14536.9
27.5°	6655.6	7786.3	8914.2	10004.5	11095.6	12148.5	13118.9	14025.0	14873.1	15615.2	16291.7
25°	7465.3	8714.4	9913.4	11102.2	12290.0	13420.3	14505.4	15528.8	16500.1	17351.9	18107.1
22.5°	8274.8	9582.3	10863.6	12141.8	13417.7	14677.9	15896.2	17068.7	18155.0	19124.9	19975.0
20°	9024.7	10391.5	11761.6	13139.6	14522.6	15902.0	17270.5	18589.9	19800.1	20919.8	21903.8
17.5°	9696.9	11150.5	12603.2	14077.1	15576.4	17073.9	18594.0	20073.2	21456.7	22730.7	23872.2
15°	10292.2	11809.0	13369.1	14959.6	16569.5	18196.0	19854.7	21509.6	23067.0	24514.0	25788.4
12.5°	10812.7	12389.6	14024.8	15714.8	17462.1	19234.0	21044.2	22858.2	24582.3	26252.9	27629.0
10°	11242.1	12883.5	14592.5	16368.3	18210.9	20118.0	22060.0	24012.7	25912.2	27684.4	29258.0
7.5°	11573.8	13276.6	15037.7	16884.6	18817.8	20828.8	22886.1	24958.2	26985.3	28895.0	30636.1
5°	11807.8	13562.8	15346.1	17267.2	19267.5	21351.5	23489.7	25649.1	27768.2	29776.1	31580.5
2.5°	11943.6	13734.6	15525.6	17499.6	19535.0	21667.8	23864.0	26058.9	28233.9	30316.4	32170.7
0°	11979.4	13786.1	15628.5	17524.4	19619.1	21815.7	23933.3	26135.0	28395.4	30449.3	32296.8
-2.5°	11943.6	13734.6	15525.6	17499.6	19535.0	21667.8	23864.0	26058.9	28233.9	30316.4	32170.7
-5°	11807.8	13562.8	15346.1	17267.2	19267.5	21351.5	23489.7	25649.1	27768.2	29776.1	31580.5
-7.5°	11573.8	13276.6	15037.7	16884.6	18817.8	20828.8	22886.1	24958.2	26985.3	28895.0	30636.1
-10°	11242.1	12883.5	14592.5	16368.3	18210.9	20118.0	22060.0	24012.7	25912.2	27684.4	29258.0
-12.5°	10812.7	12389.6	14024.8	15714.8	17462.1	19234.0	21044.2	22858.2	24582.3	26252.9	27629.0
-15°	10292.2	11809.0	13369.1	14959.6	16569.5	18196.0	19854.7	21509.6	23067.0	24514.0	25788.4
-17.5°	9696.9	11150.5	12603.2	14077.1	15576.4	17073.9	18594.0	20073.2	21456.7	22730.7	23872.2
-20°	9024.7	10391.5	11761.6	13139.6	14522.6	15902.0	17270.5	18589.9	19800.1	20919.8	21903.8



REPORT NUMBER: P627893 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8274.8	9582.3	10863.6	12141.8	13417.7	14677.9	15896.2	17068.7	18155.0	19124.9	19975.0
-25°	7465.3	8714.4	9913.4	11102.2	12290.0	13420.3	14505.4	15528.8	16500.1	17351.9	18107.1
-27.5°	6655.6	7786.3	8914.2	10004.5	11095.6	12148.5	13118.9	14025.0	14873.1	15615.2	16291.7
-30°	5818.4	6838.8	7873.1	8884.5	9876.4	10838.4	11733.8	12549.4	13288.5	13945.1	14536.9
-32.5°	5159.6	5907.5	6829.1	7751.0	8659.1	9537.4	10353.2	11093.7	11747.8	12337.6	12851.3
-35°	4533.1	5156.1	5814.5	6635.1	7431.2	8229.0	8972.1	9651.0	10247.5	10772.7	11219.4
-37.5°	3988.3	4478.7	5022.2	5584.3	6263.8	6929.8	7587.8	8208.9	8757.3	9222.9	9613.5
-40°	3508.5	3889.4	4322.0	4753.6	5250.2	5716.7	6278.7	6789.5	7253.4	7678.8	8027.4
-42.5°	3076.7	3395.3	3718.3	4074.9	4420.9	4784.1	5170.0	5512.2	5886.4	6243.2	6531.5
-45°	2728.3	2967.6	3213.2	3496.2	3757.0	4043.1	4307.9	4545.7	4827.9	5076.4	5276.6
-47.5°	2414.3	2601.9	2805.3	3006.7	3212.1	3434.8	3633.5	3818.1	4017.1	4189.8	4328.4
-50°	2131.8	2284.2	2448.4	2600.3	2765.8	2928.7	3078.9	3224.4	3366.7	3489.8	3589.3
-52.5°	1883.7	2013.4	2137.8	2260.3	2391.5	2509.8	2615.8	2736.6	2843.6	2932.1	3001.0
-55°	1675.9	1775.7	1869.6	1974.0	2075.2	2167.4	2252.3	2339.4	2417.9	2487.0	2541.8
-57.5°	1483.2	1564.8	1643.8	1726.0	1803.4	1875.6	1946.0	2011.1	2067.4	2114.6	2153.3
-60°	1305.6	1372.6	1442.1	1506.9	1566.8	1622.0	1679.0	1729.6	1773.9	1810.9	1838.4
-62.5°	1139.0	1200.1	1251.4	1302.1	1354.5	1405.3	1437.1	1469.0	1500.2	1529.6	1554.7
-65°	965.8	1016.3	1061.1	1099.2	1131.0	1167.8	1200.4	1225.2	1242.7	1255.9	1267.3
-67.5°	818.9	852.4	885.3	913.5	942.9	970.5	994.8	1015.0	1031.1	1041.7	1047.7
-70°	688.0	716.4	744.1	769.9	794.7	814.2	829.6	842.9	853.9	856.0	855.1
-72.5°	570.1	597.6	623.7	648.6	670.5	685.0	694.5	702.3	708.5	689.2	661.5
-75°	462.9	488.9	513.0	535.5	556.1	567.1	573.6	578.9	582.9	549.2	504.8
-77.5°	368.9	390.7	407.9	425.0	441.9	448.1	451.1	453.4	454.9	421.4	379.9
-80°	265.3	281.9	295.6	308.8	321.3	324.5	324.4	322.6	319.2	292.0	261.3
-82.5°	168.5	176.4	183.3	190.2	197.0	201.7	205.3	207.9	209.5	189.7	167.4
-85°	82.9	84.7	85.7	86.2	86.2	89.0	91.6	93.9	96.0	87.0	77.1
-87.5°	18.8	18.2	17.6	16.9	16.1	15.9	15.6	15.2	14.8	13.7	12.6
-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: P627893 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	11.4	10.2	8.9	7.6	8.9	10.2	11.4	12.6	13.7	14.8	15.2
85°	66.7	55.8	54.7	53.5	54.7	55.8	66.7	77.1	87.0	96.0	93.9
82.5°	143.9	119.5	115.8	112.1	115.8	119.5	143.9	167.4	189.7	209.5	207.9
80°	229.2	196.1	189.7	183.5	189.7	196.1	229.2	261.3	292.0	319.2	322.6
77.5°	336.4	290.9	277.6	265.0	277.6	290.9	336.4	379.9	421.4	454.9	453.4
75°	458.7	411.0	394.9	379.7	394.9	411.0	458.7	504.8	549.2	582.9	578.9
72.5°	633.4	604.3	575.0	542.8	575.0	604.3	633.4	661.5	689.2	708.5	702.3
70°	854.2	852.1	844.7	833.3	844.7	852.1	854.2	855.1	856.0	853.9	842.9
67.5°	1050.2	1049.4	1051.9	1052.4	1051.9	1049.4	1050.2	1047.7	1041.7	1031.1	1015.0
65°	1274.3	1276.7	1282.0	1284.3	1282.0	1276.7	1274.3	1267.3	1255.9	1242.7	1225.2
62.5°	1574.0	1587.0	1593.4	1592.7	1593.4	1587.0	1574.0	1554.7	1529.6	1500.2	1469.0
60°	1859.0	1872.5	1881.0	1883.2	1881.0	1872.5	1859.0	1838.4	1810.9	1773.9	1729.6
57.5°	2184.0	2206.1	2217.8	2219.5	2217.8	2206.1	2184.0	2153.3	2114.6	2067.4	2011.1
55°	2583.8	2613.1	2626.3	2624.7	2626.3	2613.1	2583.8	2541.8	2487.0	2417.9	2339.4
52.5°	3053.1	3088.8	3115.6	3131.8	3115.6	3088.8	3053.1	3001.0	2932.1	2843.6	2736.6
50°	3664.1	3715.3	3747.9	3761.2	3747.9	3715.3	3664.1	3589.3	3489.8	3366.7	3224.4
47.5°	4428.5	4496.5	4546.8	4581.8	4546.8	4496.5	4428.5	4328.4	4189.8	4017.1	3818.1
45°	5424.4	5527.9	5598.2	5639.3	5598.2	5527.9	5424.4	5276.6	5076.4	4827.9	4545.7
42.5°	6756.7	6917.3	7015.8	7053.6	7015.8	6917.3	6756.7	6531.5	6243.2	5886.4	5512.2
40°	8302.8	8495.9	8622.5	8710.0	8622.5	8495.9	8302.8	8027.4	7678.8	7253.4	6789.5
37.5°	9913.2	10116.0	10239.3	10323.0	10239.3	10116.0	9913.2	9613.5	9222.9	8757.3	8208.9
35°	11556.2	11768.4	11884.1	11948.8	11884.1	11768.4	11556.2	11219.4	10772.7	10247.5	9651.0
32.5°	13242.9	13476.7	13602.6	13732.6	13602.6	13476.7	13242.9	12851.3	12337.6	11747.8	11093.7
30°	15004.5	15272.9	15404.5	15468.0	15404.5	15272.9	15004.5	14536.9	13945.1	13288.5	12549.4
27.5°	16837.6	17172.1	17336.9	17445.4	17336.9	17172.1	16837.6	16291.7	15615.2	14873.1	14025.0
25°	18745.0	19159.5	19348.3	19517.2	19348.3	19159.5	18745.0	18107.1	17351.9	16500.1	15528.8
22.5°	20723.9	21240.1	21458.8	21578.7	21458.8	21240.1	20723.9	19975.0	19124.9	18155.0	17068.7
20°	22754.6	23371.4	23675.1	23831.4	23675.1	23371.4	22754.6	21903.8	20919.8	19800.1	18589.9
17.5°	24831.0	25598.3	25991.3	26081.5	25991.3	25598.3	24831.0	23872.2	22730.7	21456.7	20073.2
15°	26869.5	27699.4	28164.0	28334.2	28164.0	27699.4	26869.5	25788.4	24514.0	23067.0	21509.6
12.5°	28800.0	29660.2	30215.3	30314.2	30215.3	29660.2	28800.0	27629.0	26252.9	24582.3	22858.2
10°	30550.8	31442.0	32055.1	32194.8	32055.1	31442.0	30550.8	29258.0	27684.4	25912.2	24012.7
7.5°	32014.6	32992.3	33669.6	33787.5	33669.6	32992.3	32014.6	30636.1	28895.0	26985.3	24958.2
5°	33085.5	34246.3	34802.3	34941.9	34802.3	34246.3	33085.5	31580.5	29776.1	27768.2	25649.1
2.5°	33672.9	34854.6	35627.4	35538.2	35627.4	34854.6	33672.9	32170.7	30316.4	28233.9	26058.9
0°	33739.1	34975.0	35714.0	36055.5	35714.0	34975.0	33739.1	32296.8	30449.3	28395.4	26135.0
-2.5°	33672.9	34854.6	35627.4	35538.2	35627.4	34854.6	33672.9	32170.7	30316.4	28233.9	26058.9
-5°	33085.5	34246.3	34802.3	34941.9	34802.3	34246.3	33085.5	31580.5	29776.1	27768.2	25649.1
-7.5°	32014.6	32992.3	33669.6	33787.5	33669.6	32992.3	32014.6	30636.1	28895.0	26985.3	24958.2
-10°	30550.8	31442.0	32055.1	32194.8	32055.1	31442.0	30550.8	29258.0	27684.4	25912.2	24012.7
-12.5°	28800.0	29660.2	30215.3	30314.2	30215.3	29660.2	28800.0	27629.0	26252.9	24582.3	22858.2
-15°	26869.5	27699.4	28164.0	28334.2	28164.0	27699.4	26869.5	25788.4	24514.0	23067.0	21509.6
-17.5°	24831.0	25598.3	25991.3	26081.5	25991.3	25598.3	24831.0	23872.2	22730.7	21456.7	20073.2
-20°	22754.6	23371.4	23675.1	23831.4	23675.1	23371.4	22754.6	21903.8	20919.8	19800.1	18589.9



REPORT NUMBER: P627893 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	20723.9	21240.1	21458.8	21578.7	21458.8	21240.1	20723.9	19975.0	19124.9	18155.0	17068.7
-25°	18745.0	19159.5	19348.3	19517.2	19348.3	19159.5	18745.0	18107.1	17351.9	16500.1	15528.8
-27.5°	16837.6	17172.1	17336.9	17445.4	17336.9	17172.1	16837.6	16291.7	15615.2	14873.1	14025.0
-30°	15004.5	15272.9	15404.5	15468.0	15404.5	15272.9	15004.5	14536.9	13945.1	13288.5	12549.4
-32.5°	13242.9	13476.7	13602.6	13732.6	13602.6	13476.7	13242.9	12851.3	12337.6	11747.8	11093.7
-35°	11556.2	11768.4	11884.1	11948.8	11884.1	11768.4	11556.2	11219.4	10772.7	10247.5	9651.0
-37.5°	9913.2	10116.0	10239.3	10323.0	10239.3	10116.0	9913.2	9613.5	9222.9	8757.3	8208.9
-40°	8302.8	8495.9	8622.5	8710.0	8622.5	8495.9	8302.8	8027.4	7678.8	7253.4	6789.5
-42.5°	6756.7	6917.3	7015.8	7053.6	7015.8	6917.3	6756.7	6531.5	6243.2	5886.4	5512.2
-45°	5424.4	5527.9	5598.2	5639.3	5598.2	5527.9	5424.4	5276.6	5076.4	4827.9	4545.7
-47.5°	4428.5	4496.5	4546.8	4581.8	4546.8	4496.5	4428.5	4328.4	4189.8	4017.1	3818.1
-50°	3664.1	3715.3	3747.9	3761.2	3747.9	3715.3	3664.1	3589.3	3489.8	3366.7	3224.4
-52.5°	3053.1	3088.8	3115.6	3131.8	3115.6	3088.8	3053.1	3001.0	2932.1	2843.6	2736.6
-55°	2583.8	2613.1	2626.3	2624.7	2626.3	2613.1	2583.8	2541.8	2487.0	2417.9	2339.4
-57.5°	2184.0	2206.1	2217.8	2219.5	2217.8	2206.1	2184.0	2153.3	2114.6	2067.4	2011.1
-60°	1859.0	1872.5	1881.0	1883.2	1881.0	1872.5	1859.0	1838.4	1810.9	1773.9	1729.6
-62.5°	1574.0	1587.0	1593.4	1592.7	1593.4	1587.0	1574.0	1554.7	1529.6	1500.2	1469.0
-65°	1274.3	1276.7	1282.0	1284.3	1282.0	1276.7	1274.3	1267.3	1255.9	1242.7	1225.2
-67.5°	1050.2	1049.4	1051.9	1052.4	1051.9	1049.4	1050.2	1047.7	1041.7	1031.1	1015.0
-70°	854.2	852.1	844.7	833.3	844.7	852.1	854.2	855.1	856.0	853.9	842.9
-72.5°	633.4	604.3	575.0	542.8	575.0	604.3	633.4	661.5	689.2	708.5	702.3
-75°	458.7	411.0	394.9	379.7	394.9	411.0	458.7	504.8	549.2	582.9	578.9
-77.5°	336.4	290.9	277.6	265.0	277.6	290.9	336.4	379.9	421.4	454.9	453.4
-80°	229.2	196.1	189.7	183.5	189.7	196.1	229.2	261.3	292.0	319.2	322.6
-82.5°	143.9	119.5	115.8	112.1	115.8	119.5	143.9	167.4	189.7	209.5	207.9
-85°	66.7	55.8	54.7	53.5	54.7	55.8	66.7	77.1	87.0	96.0	93.9
-87.5°	11.4	10.2	8.9	7.6	8.9	10.2	11.4	12.6	13.7	14.8	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



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CATALOG NUMBER: GFLD-SA6C-740-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°	15.6	15.9	16.1	16.9	17.6	18.2	18.8	18.2	17.5	16.9	16.2
85°	91.6	89.0	86.2	86.2	85.7	84.7	82.9	74.3	66.1	58.4	51.7
82.5°	205.3	201.7	197.0	190.2	183.3	176.4	168.5	150.6	133.4	116.9	103.2
80°	324.4	324.5	321.3	308.8	295.6	281.9	265.3	236.9	209.5	184.1	166.1
77.5°	451.1	448.1	441.9	425.0	407.9	390.7	368.9	332.2	295.6	260.4	237.6
75°	573.6	567.1	556.1	535.5	513.0	488.9	462.9	431.2	394.8	353.6	323.5
72.5°	694.5	685.0	670.5	648.6	623.7	597.6	570.1	539.1	503.4	463.0	432.6
70°	829.6	814.2	794.7	769.9	744.1	716.4	688.0	656.2	619.1	578.7	546.7
67.5°	994.8	970.5	942.9	913.5	885.3	852.4	818.9	782.7	745.2	702.7	662.4
65°	1200.4	1167.8	1131.0	1099.2	1061.1	1016.3	965.8	921.8	878.3	830.5	777.6
62.5°	1437.1	1405.3	1354.5	1302.1	1251.4	1200.1	1139.0	1077.3	1018.0	958.1	896.2
60°	1679.0	1622.0	1566.8	1506.9	1442.1	1372.6	1305.6	1235.2	1161.7	1089.6	1015.8
57.5°	1946.0	1875.6	1803.4	1726.0	1643.8	1564.8	1483.2	1395.7	1312.3	1225.1	1136.8
55°	2252.3	2167.4	2075.2	1974.0	1869.6	1775.7	1675.9	1575.7	1474.4	1364.5	1267.0
52.5°	2615.8	2509.8	2391.5	2260.3	2137.8	2013.4	1883.7	1770.0	1646.2	1524.1	1402.7
50°	3078.9	2928.7	2765.8	2600.3	2448.4	2284.2	2131.8	1982.2	1832.4	1691.0	1549.7
47.5°	3633.5	3434.8	3212.1	3006.7	2805.3	2601.9	2414.3	2216.5	2044.6	1866.6	1709.6
45°	4307.9	4043.1	3757.0	3496.2	3213.2	2967.6	2728.3	2500.9	2275.0	2073.9	1873.5
42.5°	5170.0	4784.1	4420.9	4074.9	3718.3	3395.3	3076.7	2807.2	2542.1	2293.2	2067.2
40°	6278.7	5716.7	5250.2	4753.6	4322.0	3889.4	3508.5	3135.0	2833.8	2539.0	2263.2
37.5°	7587.8	6929.8	6263.8	5584.3	5022.2	4478.7	3988.3	3548.5	3138.8	2803.7	2485.6
35°	8972.1	8229.0	7431.2	6635.1	5814.5	5156.1	4533.1	3991.1	3513.1	3080.9	2714.3
32.5°	10353.2	9537.4	8659.1	7751.0	6829.1	5907.5	5159.6	4488.4	3890.3	3398.1	2964.2
30°	11733.8	10838.4	9876.4	8884.5	7873.1	6838.8	5818.4	5034.3	4332.1	3714.7	3215.7
27.5°	13118.9	12148.5	11095.6	10004.5	8914.2	7786.3	6655.6	5597.5	4777.3	4079.6	3491.7
25°	14505.4	13420.3	12290.0	11102.2	9913.4	8714.4	7465.3	6285.7	5276.6	4444.7	3746.1
22.5°	15896.2	14677.9	13417.7	12141.8	10863.6	9582.3	8274.8	6959.8	5749.6	4816.0	4043.7
20°	17270.5	15902.0	14522.6	13139.6	11761.6	10391.5	9024.7	7620.9	6305.7	5200.4	4321.6
17.5°	18594.0	17073.9	15576.4	14077.1	12603.2	11150.5	9696.9	8230.9	6802.3	5542.6	4567.0
15°	19854.7	18196.0	16569.5	14959.6	13369.1	11809.0	10292.2	8766.5	7253.9	5899.6	4836.0
12.5°	21044.2	19234.0	17462.1	15714.8	14024.8	12389.6	10812.7	9236.7	7679.3	6247.3	5075.8
10°	22060.0	20118.0	18210.9	16368.3	14592.5	12883.5	11242.1	9634.4	8043.9	6536.6	5272.0
7.5°	22886.1	20828.8	18817.8	16884.6	15037.7	13276.6	11573.8	9939.7	8332.6	6762.7	5423.3
5°	23489.7	21351.5	19267.5	17267.2	15346.1	13562.8	11807.8	10148.4	8541.8	6923.6	5529.2
2.5°	23864.0	21667.8	19535.0	17499.6	15525.6	13734.6	11943.6	10274.6	8661.2	7012.0	5595.6
0°	23933.3	21815.7	19619.1	17524.4	15628.5	13786.1	11979.4	10320.5	8692.1	7030.7	5616.4
-2.5°	23864.0	21667.8	19535.0	17499.6	15525.6	13734.6	11943.6	10274.6	8661.2	7012.0	5595.6
-5°	23489.7	21351.5	19267.5	17267.2	15346.1	13562.8	11807.8	10148.4	8541.8	6923.6	5529.2
-7.5°	22886.1	20828.8	18817.8	16884.6	15037.7	13276.6	11573.8	9939.7	8332.6	6762.7	5423.3
-10°	22060.0	20118.0	18210.9	16368.3	14592.5	12883.5	11242.1	9634.4	8043.9	6536.6	5272.0
-12.5°	21044.2	19234.0	17462.1	15714.8	14024.8	12389.6	10812.7	9236.7	7679.3	6247.3	5075.8
-15°	19854.7	18196.0	16569.5	14959.6	13369.1	11809.0	10292.2	8766.5	7253.9	5899.6	4836.0
-17.5°	18594.0	17073.9	15576.4	14077.1	12603.2	11150.5	9696.9	8230.9	6802.3	5542.6	4567.0
-20°	17270.5	15902.0	14522.6	13139.6	11761.6	10391.5	9024.7	7620.9	6305.7	5200.4	4321.6



REPORT NUMBER: P627893 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15896.2	14677.9	13417.7	12141.8	10863.6	9582.3	8274.8	6959.8	5749.6	4816.0	4043.7
-25°	14505.4	13420.3	12290.0	11102.2	9913.4	8714.4	7465.3	6285.7	5276.6	4444.7	3746.1
-27.5°	13118.9	12148.5	11095.6	10004.5	8914.2	7786.3	6655.6	5597.5	4777.3	4079.6	3491.7
-30°	11733.8	10838.4	9876.4	8884.5	7873.1	6838.8	5818.4	5034.3	4332.1	3714.7	3215.7
-32.5°	10353.2	9537.4	8659.1	7751.0	6829.1	5907.5	5159.6	4488.4	3890.3	3398.1	2964.2
-35°	8972.1	8229.0	7431.2	6635.1	5814.5	5156.1	4533.1	3991.1	3513.1	3080.9	2714.3
-37.5°	7587.8	6929.8	6263.8	5584.3	5022.2	4478.7	3988.3	3548.5	3138.8	2803.7	2485.6
-40°	6278.7	5716.7	5250.2	4753.6	4322.0	3889.4	3508.5	3135.0	2833.8	2539.0	2263.2
-42.5°	5170.0	4784.1	4420.9	4074.9	3718.3	3395.3	3076.7	2807.2	2542.1	2293.2	2067.2
-45°	4307.9	4043.1	3757.0	3496.2	3213.2	2967.6	2728.3	2500.9	2275.0	2073.9	1873.5
-47.5°	3633.5	3434.8	3212.1	3006.7	2805.3	2601.9	2414.3	2216.5	2044.6	1866.6	1709.6
-50°	3078.9	2928.7	2765.8	2600.3	2448.4	2284.2	2131.8	1982.2	1832.4	1691.0	1549.7
-52.5°	2615.8	2509.8	2391.5	2260.3	2137.8	2013.4	1883.7	1770.0	1646.2	1524.1	1402.7
-55°	2252.3	2167.4	2075.2	1974.0	1869.6	1775.7	1675.9	1575.7	1474.4	1364.5	1267.0
-57.5°	1946.0	1875.6	1803.4	1726.0	1643.8	1564.8	1483.2	1395.7	1312.3	1225.1	1136.8
-60°	1679.0	1622.0	1566.8	1506.9	1442.1	1372.6	1305.6	1235.2	1161.7	1089.6	1015.8
-62.5°	1437.1	1405.3	1354.5	1302.1	1251.4	1200.1	1139.0	1077.3	1018.0	958.1	896.2
-65°	1200.4	1167.8	1131.0	1099.2	1061.1	1016.3	965.8	921.8	878.3	830.5	777.6
-67.5°	994.8	970.5	942.9	913.5	885.3	852.4	818.9	782.7	745.2	702.7	662.4
-70°	829.6	814.2	794.7	769.9	744.1	716.4	688.0	656.2	619.1	578.7	546.7
-72.5°	694.5	685.0	670.5	648.6	623.7	597.6	570.1	539.1	503.4	463.0	432.6
-75°	573.6	567.1	556.1	535.5	513.0	488.9	462.9	431.2	394.8	353.6	323.5
-77.5°	451.1	448.1	441.9	425.0	407.9	390.7	368.9	332.2	295.6	260.4	237.6
-80°	324.4	324.5	321.3	308.8	295.6	281.9	265.3	236.9	209.5	184.1	166.1
-82.5°	205.3	201.7	197.0	190.2	183.3	176.4	168.5	150.6	133.4	116.9	103.2
-85°	91.6	89.0	86.2	86.2	85.7	84.7	82.9	74.3	66.1	58.4	51.7
-87.5°	15.6	15.9	16.1	16.9	17.6	18.2	18.8	18.2	17.5	16.9	16.2
-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: P627893 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	18.1	19.7	20.9	21.9	22.6	22.9	22.9	22.6	21.7	20.5	19.0
85°	54.0	55.1	54.9	53.3	49.7	46.0	46.0	45.3	43.4	41.0	38.0
82.5°	107.3	110.7	112.5	111.8	104.9	97.5	89.7	81.5	72.7	62.7	56.9
80°	172.4	176.2	177.5	174.6	162.2	149.0	137.5	125.7	114.1	101.0	86.4
77.5°	242.6	245.5	246.2	241.7	226.0	209.1	190.9	171.8	155.5	139.2	121.0
75°	318.1	319.1	318.4	310.2	291.1	269.2	247.1	223.4	199.6	177.4	155.5
72.5°	416.2	402.9	392.8	379.6	358.4	333.8	305.7	274.2	244.0	215.8	189.4
70°	518.8	490.5	468.5	448.3	424.9	398.9	367.7	328.0	287.8	253.5	221.4
67.5°	625.9	590.8	555.5	518.7	489.8	460.5	428.9	381.2	332.9	290.4	252.8
65°	730.1	686.8	646.9	599.0	557.1	521.3	485.6	431.6	376.5	326.9	283.5
62.5°	835.1	777.1	727.0	675.2	624.6	580.2	539.9	478.5	418.2	361.8	312.5
60°	943.1	875.0	806.9	747.0	689.9	636.1	585.9	523.9	458.6	395.1	340.1
57.5°	1054.9	973.1	895.3	820.7	754.1	692.1	630.1	565.8	497.6	428.9	364.9
55°	1167.8	1075.4	983.9	898.4	819.6	749.0	675.9	605.8	535.0	461.9	384.6
52.5°	1288.9	1180.6	1077.5	977.6	887.4	804.4	725.0	645.1	570.7	493.6	406.1
50°	1417.2	1292.1	1174.3	1062.6	954.6	862.4	772.7	688.0	605.4	524.2	426.3
47.5°	1552.0	1410.4	1276.2	1148.3	1031.0	918.4	822.7	730.2	639.2	554.3	444.7
45°	1700.4	1532.1	1381.0	1240.5	1104.3	982.0	872.0	771.0	675.8	576.0	461.3
42.5°	1849.6	1663.3	1489.6	1329.7	1184.1	1046.2	919.3	813.3	711.1	595.8	477.5
40°	2021.6	1797.4	1598.9	1425.7	1262.9	1107.5	973.7	854.2	743.9	615.4	493.2
37.5°	2189.3	1941.8	1718.2	1517.2	1340.6	1176.7	1026.3	892.9	769.8	636.9	507.4
35°	2386.9	2090.9	1831.8	1614.1	1420.6	1242.5	1075.8	932.6	798.2	657.5	520.1
32.5°	2578.9	2242.7	1959.7	1713.3	1496.2	1304.9	1128.3	973.2	827.1	677.1	531.2
30°	2789.8	2407.8	2080.3	1806.1	1571.2	1369.0	1181.2	1011.4	856.3	695.6	542.0
27.5°	2992.4	2560.0	2197.5	1904.5	1650.5	1429.0	1230.1	1047.2	885.5	714.9	555.5
25°	3193.2	2724.3	2326.8	1998.2	1723.3	1483.6	1275.0	1080.7	914.2	736.5	567.5
22.5°	3411.1	2883.4	2443.3	2082.4	1789.2	1533.4	1317.9	1117.3	940.6	757.1	578.1
20°	3611.5	3027.0	2547.3	2163.0	1854.6	1587.2	1358.1	1150.0	964.3	776.5	587.0
17.5°	3800.4	3173.0	2663.4	2250.2	1916.4	1634.7	1393.4	1178.8	985.1	794.4	594.3
15°	3998.8	3318.1	2767.9	2325.6	1970.0	1675.6	1423.7	1203.6	1003.2	810.4	601.1
12.5°	4168.2	3440.7	2855.7	2389.1	2014.9	1709.8	1449.0	1224.2	1018.2	824.1	607.2
10°	4307.7	3540.4	2926.5	2440.4	2051.2	1737.2	1469.2	1240.8	1030.7	834.7	610.6
7.5°	4416.4	3616.4	2980.0	2479.3	2078.9	1758.7	1486.0	1253.8	1040.4	842.1	611.4
5°	4492.4	3669.5	3019.3	2506.5	2100.0	1774.1	1497.9	1262.4	1046.9	846.1	609.6
2.5°	4532.3	3699.6	3043.5	2521.0	2112.1	1782.5	1504.6	1266.7	1050.2	846.7	605.3
0°	4538.5	3705.2	3050.3	2522.8	2115.1	1783.8	1506.0	1266.5	1049.9	843.5	598.8
-2.5°	4532.3	3699.6	3043.5	2521.0	2112.1	1782.5	1504.6	1266.7	1050.2	846.7	605.3
-5°	4492.4	3669.5	3019.3	2506.5	2100.0	1774.1	1497.9	1262.4	1046.9	846.1	609.6
-7.5°	4416.4	3616.4	2980.0	2479.3	2078.9	1758.7	1486.0	1253.8	1040.4	842.1	611.4
-10°	4307.7	3540.4	2926.5	2440.4	2051.2	1737.2	1469.2	1240.8	1030.7	834.7	610.6
-12.5°	4168.2	3440.7	2855.7	2389.1	2014.9	1709.8	1449.0	1224.2	1018.2	824.1	607.2
-15°	3998.8	3318.1	2767.9	2325.6	1970.0	1675.6	1423.7	1203.6	1003.2	810.4	601.1
-17.5°	3800.4	3173.0	2663.4	2250.2	1916.4	1634.7	1393.4	1178.8	985.1	794.4	594.3
-20°	3611.5	3027.0	2547.3	2163.0	1854.6	1587.2	1358.1	1150.0	964.3	776.5	587.0

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Scaled Data Report



REPORT NUMBER: P627893 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-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°	3411.1	2883.4	2443.3	2082.4	1789.2	1533.4	1317.9	1117.3	940.6	757.1	578.1
-25°	3193.2	2724.3	2326.8	1998.2	1723.3	1483.6	1275.0	1080.7	914.2	736.5	567.5
-27.5°	2992.4	2560.0	2197.5	1904.5	1650.5	1429.0	1230.1	1047.2	885.5	714.9	555.5
-30°	2789.8	2407.8	2080.3	1806.1	1571.2	1369.0	1181.2	1011.4	856.3	695.6	542.0
-32.5°	2578.9	2242.7	1959.7	1713.3	1496.2	1304.9	1128.3	973.2	827.1	677.1	531.2
-35°	2386.9	2090.9	1831.8	1614.1	1420.6	1242.5	1075.8	932.6	798.2	657.5	520.1
-37.5°	2189.3	1941.8	1718.2	1517.2	1340.6	1176.7	1026.3	892.9	769.8	636.9	507.4
-40°	2021.6	1797.4	1598.9	1425.7	1262.9	1107.5	973.7	854.2	743.9	615.4	493.2
-42.5°	1849.6	1663.3	1489.6	1329.7	1184.1	1046.2	919.3	813.3	711.1	595.8	477.5
-45°	1700.4	1532.1	1381.0	1240.5	1104.3	982.0	872.0	771.0	675.8	576.0	461.3
-47.5°	1552.0	1410.4	1276.2	1148.3	1031.0	918.4	822.7	730.2	639.2	554.3	444.7
-50°	1417.2	1292.1	1174.3	1062.6	954.6	862.4	772.7	688.0	605.4	524.2	426.3
-52.5°	1288.9	1180.6	1077.5	977.6	887.4	804.4	725.0	645.1	570.7	493.6	406.1
-55°	1167.8	1075.4	983.9	898.4	819.6	749.0	675.9	605.8	535.0	461.9	384.6
-57.5°	1054.9	973.1	895.3	820.7	754.1	692.1	630.1	565.8	497.6	428.9	364.9
-60°	943.1	875.0	806.9	747.0	689.9	636.1	585.9	523.9	458.6	395.1	340.1
-62.5°	835.1	777.1	727.0	675.2	624.6	580.2	539.9	478.5	418.2	361.8	312.5
-65°	730.1	686.8	646.9	599.0	557.1	521.3	485.6	431.6	376.5	326.9	283.5
-67.5°	625.9	590.8	555.5	518.7	489.8	460.5	428.9	381.2	332.9	290.4	252.8
-70°	518.8	490.5	468.5	448.3	424.9	398.9	367.7	328.0	287.8	253.5	221.4
-72.5°	416.2	402.9	392.8	379.6	358.4	333.8	305.7	274.2	244.0	215.8	189.4
-75°	318.1	319.1	318.4	310.2	291.1	269.2	247.1	223.4	199.6	177.4	155.5
-77.5°	242.6	245.5	246.2	241.7	226.0	209.1	190.9	171.8	155.5	139.2	121.0
-80°	172.4	176.2	177.5	174.6	162.2	149.0	137.5	125.7	114.1	101.0	86.4
-82.5°	107.3	110.7	112.5	111.8	104.9	97.5	89.7	81.5	72.7	62.7	56.9
-85°	54.0	55.1	54.9	53.3	49.7	46.0	46.0	45.3	43.4	41.0	38.0
-87.5°	18.1	19.7	20.9	21.9	22.6	22.9	22.9	22.6	21.7	20.5	19.0
-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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Scaled Data Report



REPORT NUMBER: P627893 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-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°	17.1	13.4	10.0	6.9	4.2	1.8	0.0
85°	34.2	26.7	19.9	13.8	8.4	3.7	0.0
82.5°	51.2	39.9	29.7	20.6	12.6	5.5	0.0
80°	69.5	53.0	39.5	27.4	16.7	7.3	0.0
77.5°	99.2	68.9	49.1	34.0	20.8	9.1	0.0
75°	128.0	90.1	59.4	40.6	24.8	10.8	0.0
72.5°	155.9	110.6	73.6	47.0	28.7	12.6	0.0
70°	182.4	130.3	87.2	53.7	32.5	14.2	0.0
67.5°	205.4	149.1	100.3	62.1	36.3	15.9	0.0
65°	227.3	166.4	112.8	70.1	39.9	17.5	0.0
62.5°	248.0	182.3	124.5	77.6	43.3	19.1	0.0
60°	267.3	197.1	135.5	84.8	46.7	20.6	0.0
57.5°	284.8	211.0	145.7	91.4	50.7	22.1	0.0
55°	300.9	223.7	155.2	97.6	54.6	23.5	0.0
52.5°	315.7	235.4	163.9	103.2	58.4	24.8	0.0
50°	329.1	246.1	171.8	108.3	61.9	26.1	0.0
47.5°	341.5	255.8	178.9	112.9	65.4	27.3	0.0
45°	355.5	264.4	185.2	117.5	68.6	28.4	0.0
42.5°	368.0	271.8	190.5	121.6	71.7	29.5	0.0
40°	378.9	278.1	195.4	126.0	74.5	30.5	0.0
37.5°	388.3	283.2	199.7	130.6	77.2	31.4	0.0
35°	396.0	289.0	203.2	134.8	79.7	32.2	0.0
32.5°	403.2	294.5	205.9	138.6	81.9	33.0	0.0
30°	411.1	298.8	207.8	142.0	84.0	33.7	0.0
27.5°	417.6	301.8	212.2	145.0	85.8	34.3	0.0
25°	422.6	303.6	216.5	147.7	87.5	34.8	0.0
22.5°	426.1	306.0	220.2	149.9	88.9	35.2	0.0
20°	428.2	311.5	223.5	151.8	90.1	35.6	0.0
17.5°	433.0	316.1	226.2	153.3	91.0	35.9	0.0
15°	438.8	319.7	228.3	154.4	91.8	36.1	0.0
12.5°	443.0	322.3	229.9	155.1	92.3	36.2	0.0
10°	445.6	323.9	230.9	155.4	92.6	36.2	0.0
7.5°	446.7	324.6	231.4	155.3	92.7	36.2	0.0
5°	446.2	324.4	231.3	154.9	92.6	36.1	0.0
2.5°	444.3	323.2	230.6	154.1	92.3	35.9	0.0
0°	440.9	321.1	229.3	152.9	91.7	35.7	0.0
-2.5°	444.3	323.2	230.6	154.1	92.3	35.9	0.0
-5°	446.2	324.4	231.3	154.9	92.6	36.1	0.0
-7.5°	446.7	324.6	231.4	155.3	92.7	36.2	0.0
-10°	445.6	323.9	230.9	155.4	92.6	36.2	0.0
-12.5°	443.0	322.3	229.9	155.1	92.3	36.2	0.0
-15°	438.8	319.7	228.3	154.4	91.8	36.1	0.0
-17.5°	433.0	316.1	226.2	153.3	91.0	35.9	0.0
-20°	428.2	311.5	223.5	151.8	90.1	35.6	0.0

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CATALOG NUMBER: GFLD-SA6C-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	426.1	306.0	220.2	149.9	88.9	35.2	0.0
-25°	422.6	303.6	216.5	147.7	87.5	34.8	0.0
-27.5°	417.6	301.8	212.2	145.0	85.8	34.3	0.0
-30°	411.1	298.8	207.8	142.0	84.0	33.7	0.0
-32.5°	403.2	294.5	205.9	138.6	81.9	33.0	0.0
-35°	396.0	289.0	203.2	134.8	79.7	32.2	0.0
-37.5°	388.3	283.2	199.7	130.6	77.2	31.4	0.0
-40°	378.9	278.1	195.4	126.0	74.5	30.5	0.0
-42.5°	368.0	271.8	190.5	121.6	71.7	29.5	0.0
-45°	355.5	264.4	185.2	117.5	68.6	28.4	0.0
-47.5°	341.5	255.8	178.9	112.9	65.4	27.3	0.0
-50°	329.1	246.1	171.8	108.3	61.9	26.1	0.0
-52.5°	315.7	235.4	163.9	103.2	58.4	24.8	0.0
-55°	300.9	223.7	155.2	97.6	54.6	23.5	0.0
-57.5°	284.8	211.0	145.7	91.4	50.7	22.1	0.0
-60°	267.3	197.1	135.5	84.8	46.7	20.6	0.0
-62.5°	248.0	182.3	124.5	77.6	43.3	19.1	0.0
-65°	227.3	166.4	112.8	70.1	39.9	17.5	0.0
-67.5°	205.4	149.1	100.3	62.1	36.3	15.9	0.0
-70°	182.4	130.3	87.2	53.7	32.5	14.2	0.0
-72.5°	155.9	110.6	73.6	47.0	28.7	12.6	0.0
-75°	128.0	90.1	59.4	40.6	24.8	10.8	0.0
-77.5°	99.2	68.9	49.1	34.0	20.8	9.1	0.0
-80°	69.5	53.0	39.5	27.4	16.7	7.3	0.0
-82.5°	51.2	39.9	29.7	20.6	12.6	5.5	0.0
-85°	34.2	26.7	19.9	13.8	8.4	3.7	0.0
-87.5°	17.1	13.4	10.0	6.9	4.2	1.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)