

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: P627110 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627110 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-740-U-VWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

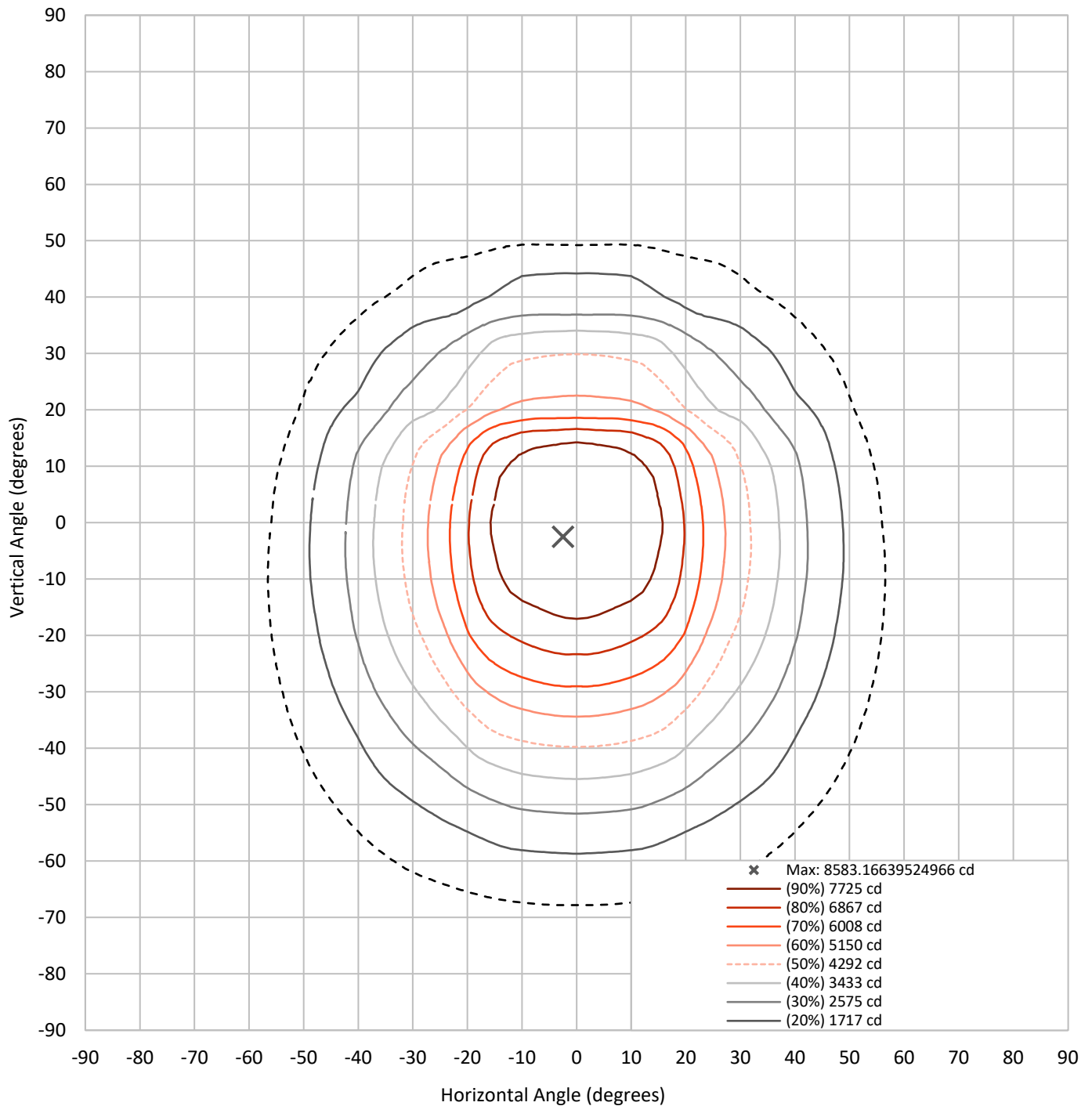
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11454.5 lumens	Max Intensity:	8583.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	122.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	6627.2 lumens	Field Lumens:	10869.6 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	93.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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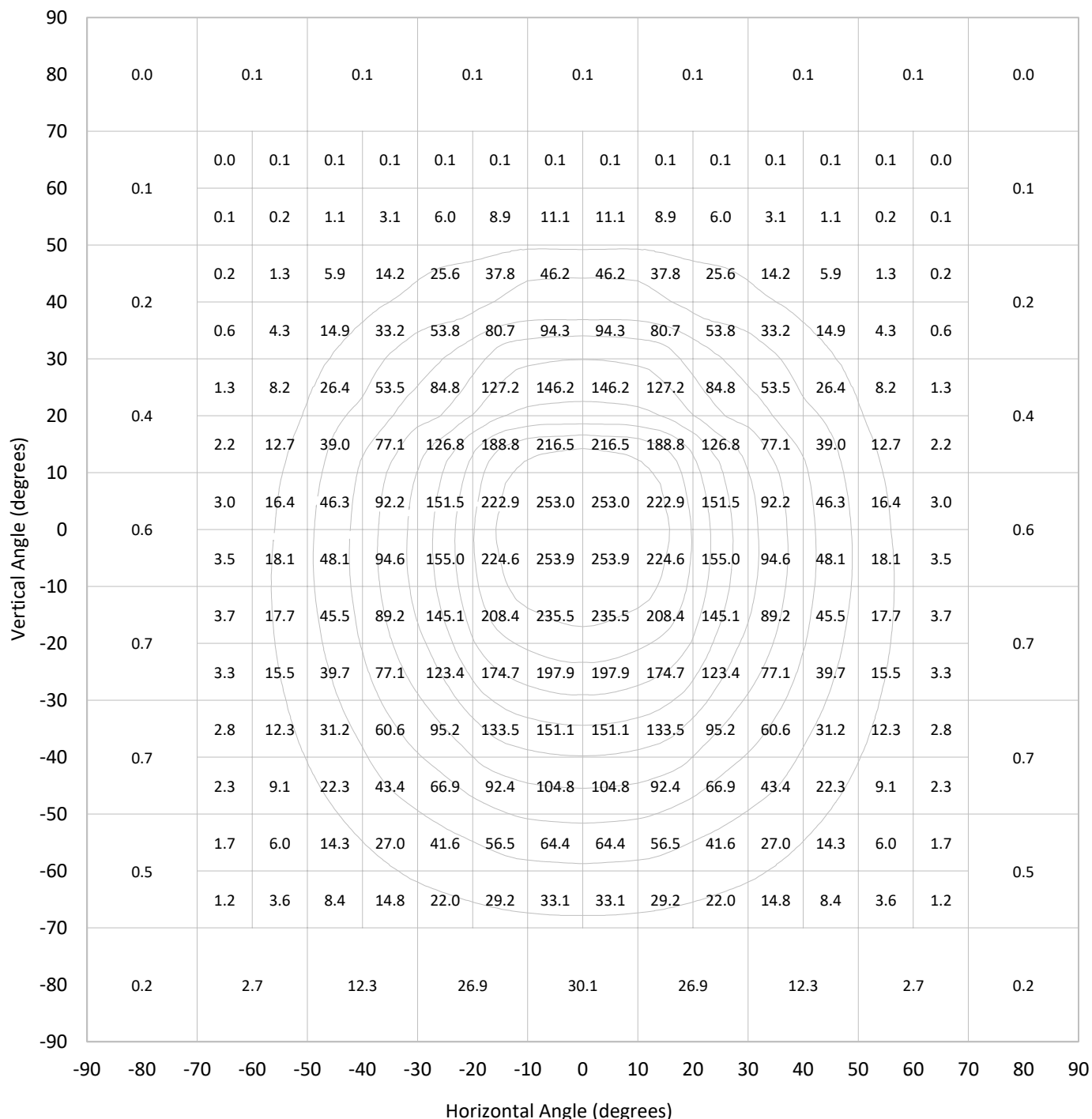
Iso-Candela Plot





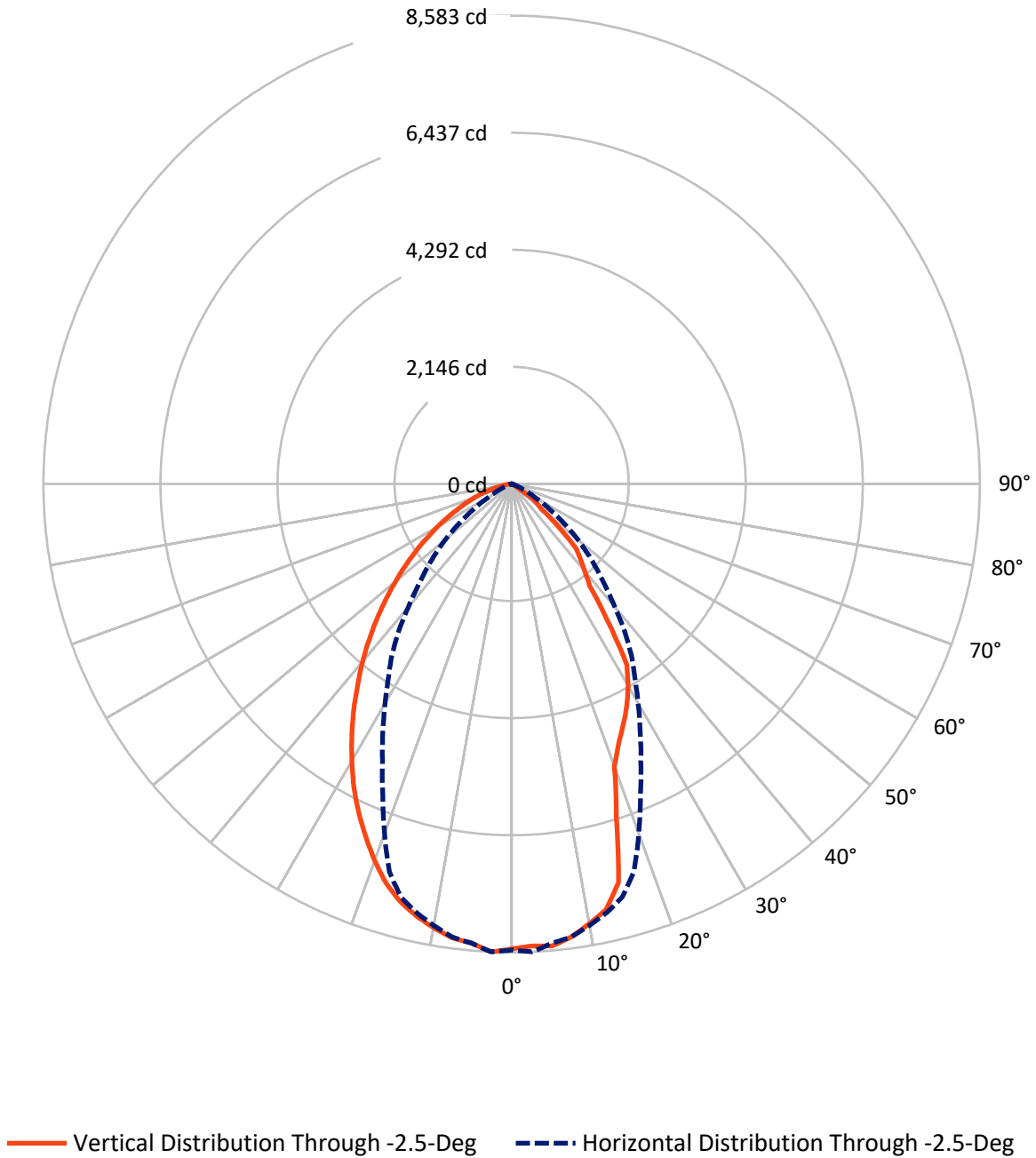
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Lumen Table



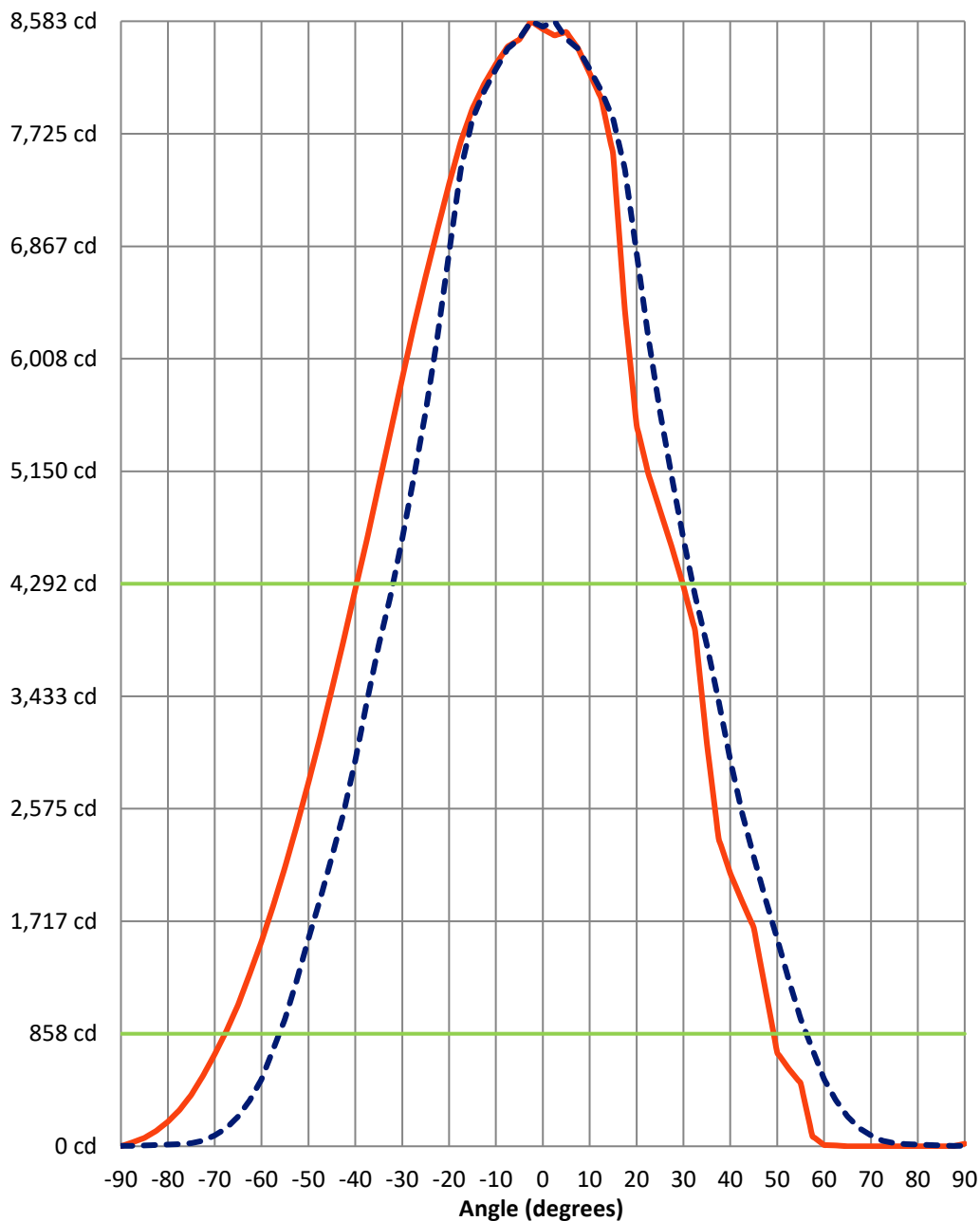
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 6627.2
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 10869.6
 Efficiency: 94.9%

Spill:
 Lumens: 584.9
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-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°	3.2	3.2	3.2	4.0	4.8	5.6	6.4	7.2	8.0	8.8	9.6
87.5°	3.2	3.2	3.2	3.1	2.9	2.7	2.4	1.7	1.1	0.5	0.0
85°	3.2	3.2	3.2	3.0	2.6	2.2	1.6	1.0	0.5	0.2	0.0
82.5°	3.2	3.2	3.2	2.9	2.4	1.7	0.8	0.2	0.1	0.5	0.8
80°	3.2	3.2	3.2	2.8	2.1	1.2	0.2	0.6	1.2	1.7	2.2
77.5°	3.2	3.2	3.2	2.7	1.9	1.1	1.0	1.6	2.2	2.9	2.9
75°	3.2	3.2	3.2	2.6	1.8	1.6	1.8	2.5	3.2	2.6	1.7
72.5°	3.2	3.2	3.2	2.6	2.0	2.1	2.6	3.2	2.7	1.9	0.6
70°	3.2	3.2	3.2	2.6	2.3	2.5	3.2	3.0	2.3	1.2	1.5
67.5°	3.2	3.2	3.2	2.7	2.6	3.0	3.3	2.9	2.1	2.5	2.9
65°	3.2	3.2	3.2	2.8	2.8	3.3	3.4	2.9	3.2	3.7	3.9
62.5°	3.2	3.2	3.2	2.9	3.0	3.6	3.6	3.6	4.3	4.9	4.4
60°	3.2	3.2	3.2	3.0	3.2	3.8	3.8	4.6	5.4	5.6	5.0
57.5°	3.2	3.2	3.2	3.0	3.5	4.1	4.6	5.5	6.3	6.4	6.3
55°	3.2	3.2	3.3	3.1	3.8	4.5	5.4	6.5	7.3	7.4	7.8
52.5°	3.2	3.2	3.3	3.1	4.2	4.9	6.2	7.4	8.3	8.8	9.3
50°	3.2	3.2	3.4	3.2	4.5	5.6	6.9	8.3	9.5	10.2	10.8
47.5°	3.2	3.2	3.5	3.3	4.9	6.2	7.7	9.2	10.7	11.5	12.3
45°	3.2	3.2	3.6	3.6	5.3	6.8	8.5	10.1	11.8	12.8	13.8
42.5°	3.2	3.2	3.7	3.9	5.7	7.4	9.2	11.1	13.0	14.2	16.7
40°	3.2	3.2	3.8	4.2	6.1	8.0	9.9	12.2	14.3	15.5	20.0
37.5°	3.2	3.2	3.9	4.7	6.6	8.6	10.6	13.3	15.6	17.6	23.3
35°	3.2	3.2	4.1	5.1	7.0	9.2	11.3	14.4	17.0	21.7	29.6
32.5°	3.2	3.2	4.2	5.5	7.4	9.7	12.0	15.6	18.5	26.4	42.3
30°	3.2	3.2	4.4	5.9	7.9	10.2	13.0	16.9	20.0	31.8	54.6
27.5°	3.2	3.2	4.5	6.3	8.4	10.7	13.9	18.1	22.6	37.8	66.5
25°	3.2	3.2	4.7	6.7	8.9	11.2	14.9	19.4	27.3	46.6	78.2
22.5°	3.2	3.2	4.9	7.0	9.3	11.7	15.8	20.6	32.2	56.2	93.6
20°	3.2	3.2	5.0	7.4	9.8	12.2	16.7	21.9	37.2	65.4	108.9
17.5°	3.2	3.2	5.2	7.7	10.3	12.8	17.6	23.1	42.4	74.0	124.0
15°	3.2	3.2	5.4	8.0	10.7	13.3	18.5	24.7	47.6	82.1	138.6
12.5°	3.2	3.2	5.6	8.3	11.1	13.9	19.3	27.0	53.4	89.5	152.6
10°	3.2	3.2	5.8	8.6	11.5	14.3	20.1	29.3	59.5	98.3	166.7
7.5°	3.2	3.2	5.9	8.9	11.8	14.8	20.8	31.7	65.3	106.7	181.5
5°	3.2	3.2	6.1	9.1	12.2	15.2	21.4	34.0	70.7	114.6	195.1
2.5°	3.2	3.2	6.3	9.4	12.5	15.6	21.9	36.3	75.7	121.8	207.3
0°	3.2	3.2	6.4	9.6	12.8	16.0	22.4	38.4	80.1	128.2	217.9
-2.5°	3.2	3.2	6.4	9.6	13.1	16.3	23.6	42.3	83.3	138.3	227.4
-5°	3.2	3.2	6.4	9.6	13.3	16.6	24.8	45.9	85.8	147.2	235.2
-7.5°	3.2	3.2	6.3	9.5	13.5	16.9	25.8	49.1	87.8	154.4	241.3
-10°	3.2	3.2	6.3	9.5	13.7	17.2	26.6	51.6	89.3	159.6	245.8
-12.5°	3.2	3.2	6.2	9.4	13.8	17.4	27.2	53.6	90.3	162.3	249.3
-15°	3.2	3.2	6.2	9.3	13.8	17.5	27.6	54.8	92.2	162.0	250.6
-17.5°	3.2	3.2	6.1	9.2	13.8	17.7	27.8	55.9	95.0	160.4	249.0
-20°	3.2	3.2	6.0	9.0	13.7	17.8	28.5	57.1	96.8	157.5	244.4

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Scaled Data Report



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.2	3.2	5.9	8.9	13.5	17.9	30.3	57.6	97.6	153.3	236.7
-25°	3.2	3.2	5.8	8.7	13.3	19.0	31.8	57.4	97.3	147.8	225.6
-27.5°	3.2	3.2	5.7	8.5	13.0	20.5	33.0	56.5	95.9	143.2	217.5
-30°	3.2	3.2	5.5	8.3	12.7	21.8	33.8	54.9	94.1	141.1	208.4
-32.5°	3.2	3.2	5.4	8.1	13.1	22.9	34.2	55.0	91.8	137.6	198.1
-35°	3.2	3.2	5.2	7.9	13.5	23.7	35.2	55.3	88.6	132.7	186.7
-37.5°	3.2	3.2	5.1	7.6	13.7	24.3	36.1	55.1	84.5	126.2	181.6
-40°	3.2	3.2	4.9	7.3	13.8	24.4	36.7	54.4	79.5	120.1	175.9
-42.5°	3.2	3.2	4.7	7.2	13.9	24.5	36.9	53.2	76.7	115.1	167.2
-45°	3.2	3.2	4.5	7.2	13.9	24.3	36.7	52.0	74.6	109.0	156.3
-47.5°	3.2	3.2	4.3	7.2	13.8	23.9	36.1	51.3	72.0	101.6	147.6
-50°	3.2	3.2	4.1	7.1	13.6	23.3	35.4	50.0	69.8	99.0	137.3
-52.5°	3.2	3.2	3.9	7.0	13.2	22.6	34.4	48.3	68.0	95.5	126.3
-55°	3.2	3.2	3.7	6.8	12.6	21.7	33.1	46.1	65.8	91.2	121.0
-57.5°	3.2	3.2	3.4	6.5	11.9	20.5	31.7	44.1	62.7	86.6	114.8
-60°	3.2	3.2	3.2	6.2	11.1	19.1	29.9	42.0	58.8	81.2	107.6
-62.5°	3.2	3.2	3.2	5.9	10.5	17.5	27.5	39.1	53.9	74.8	99.2
-65°	3.2	3.2	3.2	5.5	9.8	15.7	24.8	35.4	48.0	66.4	89.7
-67.5°	3.2	3.2	3.2	5.1	9.0	14.1	21.8	31.1	41.2	56.5	77.1
-70°	3.2	3.2	3.2	4.6	8.2	12.8	18.6	26.5	35.3	45.6	62.3
-72.5°	3.2	3.2	3.2	4.5	7.3	11.4	16.4	21.6	29.1	37.8	47.7
-75°	3.2	3.2	3.2	4.5	6.4	9.9	14.3	18.2	22.6	29.7	37.9
-77.5°	3.2	3.2	3.2	4.4	6.0	8.4	12.1	15.3	18.8	22.5	27.8
-80°	3.2	3.2	3.2	4.4	5.8	7.6	9.7	12.4	15.1	18.1	21.4
-82.5°	3.2	3.2	3.2	4.3	5.6	7.1	8.8	10.0	11.4	13.7	16.1
-85°	3.2	3.2	3.2	4.2	5.3	6.6	8.0	9.1	10.2	11.2	12.3
-87.5°	3.2	3.2	3.2	4.1	5.1	6.1	7.2	8.2	9.1	10.0	10.9
-90°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.6	0.8	0.0



REPORT NUMBER: P627110 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	10.4	11.2	12.0
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.9	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.1	1.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.8	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.7	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.5	0.9	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.8	2.0	1.3	0.5	0.0	0.2	0.5	0.3	0.0	0.2	0.4
67.5°	3.0	2.2	1.4	0.9	1.2	1.6	1.5	1.6	1.7	1.9	1.6
65°	3.1	2.4	2.4	2.8	3.1	3.5	3.7	4.0	3.3	2.9	3.0
62.5°	3.3	3.6	4.2	4.7	5.1	5.6	5.6	5.0	3.8	4.7	5.4
60°	4.8	5.2	5.9	6.5	7.2	7.5	7.2	7.3	8.1	9.4	18.0
57.5°	6.4	6.8	7.6	8.7	9.5	9.7	10.0	10.8	25.4	41.5	45.8
55°	8.1	8.4	9.8	11.4	12.3	12.2	17.6	37.1	55.9	77.5	85.4
52.5°	9.7	10.4	12.7	14.6	15.8	24.7	44.5	71.0	98.8	123.5	155.5
50°	11.4	13.7	16.1	18.9	30.1	53.2	82.2	118.3	160.2	199.8	240.3
47.5°	14.2	17.1	20.8	29.8	59.4	91.5	131.6	189.6	241.4	289.2	344.7
45°	17.6	23.7	27.7	59.0	93.4	134.8	202.6	273.6	320.6	384.6	482.8
42.5°	21.1	32.8	52.9	89.2	131.1	197.8	281.9	342.4	404.9	508.7	612.0
40°	30.4	44.0	79.9	122.9	176.1	273.3	359.6	428.1	513.5	628.6	736.4
37.5°	41.6	67.1	107.3	159.0	246.7	353.2	445.7	543.5	641.6	750.2	950.2
35°	54.1	88.6	142.1	211.9	317.3	441.8	552.1	661.4	774.5	988.1	1186.6
32.5°	70.4	108.3	178.5	273.3	393.7	530.4	658.4	784.7	966.1	1207.8	1406.9
30°	87.9	140.1	220.4	330.2	465.6	611.4	765.3	918.3	1158.3	1358.3	1574.6
27.5°	106.3	173.7	269.5	389.6	532.9	688.0	861.6	1079.8	1293.9	1491.5	1729.2
25°	125.0	208.6	314.4	446.4	599.1	770.6	970.4	1236.1	1403.6	1622.1	1869.9
22.5°	149.3	242.1	358.9	497.9	660.5	855.6	1110.3	1377.2	1574.3	1758.1	2000.2
20°	177.3	279.7	407.2	562.4	720.6	938.6	1249.5	1530.2	1762.1	1972.4	2194.9
17.5°	203.4	314.9	458.9	628.3	808.1	1044.9	1386.0	1696.7	1951.9	2186.3	2464.0
15°	227.6	347.5	509.6	690.7	894.1	1166.8	1508.5	1849.7	2141.1	2404.8	2720.3
12.5°	249.7	377.3	558.4	749.0	975.1	1271.8	1611.3	1944.3	2264.6	2608.3	2966.3
10°	269.6	404.0	604.5	802.9	1050.1	1360.6	1696.3	2023.3	2346.3	2710.0	3107.9
7.5°	291.0	429.0	646.3	851.8	1118.5	1434.0	1764.2	2086.6	2412.4	2791.5	3199.9
5°	310.8	452.0	679.5	886.9	1171.3	1491.3	1815.2	2134.7	2462.6	2852.1	3269.6
2.5°	328.1	471.3	706.6	914.5	1210.4	1533.4	1848.4	2174.8	2499.8	2901.4	3322.8
0°	342.8	487.0	727.3	935.6	1240.0	1563.6	1867.9	2201.2	2521.6	2934.9	3357.8
-2.5°	352.2	512.7	741.5	972.4	1265.8	1583.3	1885.4	2208.6	2545.0	2945.5	3397.1
-5°	358.9	533.5	750.1	1000.8	1282.7	1592.0	1891.2	2202.8	2551.2	2942.8	3402.9
-7.5°	362.7	548.2	754.1	1017.0	1288.7	1586.8	1881.4	2192.0	2541.0	2932.7	3377.4
-10°	365.0	552.9	759.5	1012.1	1280.8	1569.6	1859.8	2166.5	2511.9	2899.9	3329.1
-12.5°	371.0	549.9	758.6	1001.3	1264.0	1543.7	1827.6	2126.2	2463.5	2844.1	3262.3
-15°	372.5	543.3	749.5	985.5	1238.2	1509.7	1785.6	2071.0	2403.8	2789.6	3188.4
-17.5°	369.1	533.4	731.7	965.3	1203.8	1468.6	1736.0	2021.2	2347.8	2726.8	3110.8
-20°	360.6	520.4	704.9	941.4	1162.8	1422.9	1686.4	1969.0	2283.4	2639.7	3023.9



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CATALOG NUMBER: GFLD-SA3B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	346.5	504.8	675.9	908.0	1127.5	1370.4	1628.2	1897.9	2202.6	2526.6	2907.2
-25°	332.0	487.2	653.0	862.2	1085.0	1309.1	1561.4	1810.9	2107.8	2426.0	2763.7
-27.5°	318.3	462.6	629.3	812.0	1034.9	1243.6	1485.8	1729.2	2001.2	2313.0	2624.0
-30°	300.3	436.0	600.3	763.7	975.0	1182.0	1401.6	1641.1	1885.7	2181.6	2487.5
-32.5°	284.4	408.3	567.3	726.9	910.7	1112.5	1310.7	1539.0	1777.8	2030.0	2332.3
-35°	273.7	392.0	532.3	684.5	845.0	1037.0	1225.5	1423.8	1655.1	1891.8	2157.2
-37.5°	265.1	373.1	495.4	640.2	793.0	957.8	1134.2	1316.7	1518.5	1757.2	2006.7
-40°	251.6	352.0	468.1	598.0	732.8	882.6	1046.4	1211.6	1386.5	1619.7	1865.9
-42.5°	234.3	331.5	442.4	552.0	675.3	812.0	957.6	1113.2	1281.3	1483.8	1710.1
-45°	221.0	305.3	413.7	512.0	614.0	739.0	875.8	1016.7	1175.3	1349.2	1552.4
-47.5°	204.0	276.8	376.4	468.1	558.0	664.8	789.8	923.2	1063.7	1220.3	1386.9
-50°	185.9	253.1	330.6	419.9	505.6	594.4	701.1	824.4	951.9	1088.5	1237.1
-52.5°	172.1	225.3	296.1	370.4	452.1	532.6	623.4	729.2	843.0	957.1	1087.9
-55°	156.6	204.8	263.2	329.8	399.3	473.8	556.5	649.2	742.0	846.8	951.2
-57.5°	145.6	185.1	235.7	293.6	356.1	419.4	497.4	575.7	661.6	748.4	835.0
-60°	137.1	168.1	210.0	261.1	316.7	375.9	440.0	512.3	586.3	657.1	731.9
-62.5°	127.3	154.3	187.1	228.7	279.0	330.5	386.9	448.9	515.8	575.4	633.4
-65°	114.6	138.1	166.2	200.1	239.6	283.1	331.2	383.4	441.3	489.7	537.0
-67.5°	100.1	119.8	143.4	171.1	204.0	238.0	273.3	317.5	364.4	403.9	442.5
-70°	81.8	100.0	119.3	141.9	167.7	196.5	227.6	259.7	291.8	324.0	359.3
-72.5°	62.6	79.2	95.6	111.7	132.2	155.8	181.2	208.1	236.1	263.7	290.5
-75°	47.7	58.5	72.8	87.3	101.6	117.0	134.1	155.5	181.6	208.3	232.8
-77.5°	36.0	45.1	54.6	64.6	73.6	84.9	97.3	110.6	132.1	156.8	181.8
-80°	26.0	31.4	39.0	47.0	53.4	59.6	66.1	72.9	88.9	108.8	130.0
-82.5°	19.3	23.0	27.2	31.8	35.0	38.2	41.7	46.1	58.0	71.4	85.6
-85°	13.3	14.4	16.6	19.2	21.0	22.8	24.7	26.6	33.0	40.2	47.9
-87.5°	11.4	12.0	12.6	13.3	13.5	13.7	13.9	14.1	16.3	18.5	20.9
-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: P627110 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12.8	13.6	14.4	15.2	16.0	16.8	17.6	18.4	19.2	19.2	19.2
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°	0.3	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.5	1.6	1.7	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.4	3.2	2.4	1.6	0.8	1.2	1.9	2.3	2.3	2.1	1.6
62.5°	5.1	4.7	4.2	4.9	5.8	6.7	6.5	6.1	5.7	5.4	5.6
60°	19.0	12.6	14.6	18.3	17.1	11.7	19.3	21.8	18.6	12.7	12.3
57.5°	48.0	46.4	53.1	77.6	85.4	77.8	92.9	112.9	112.3	96.7	96.2
55°	102.3	137.3	179.5	186.3	215.7	274.5	320.4	300.3	300.2	315.3	363.9
52.5°	194.4	227.3	239.6	272.4	333.8	378.3	407.0	436.6	469.1	502.2	535.8
50°	285.2	317.2	353.6	387.2	472.2	517.9	510.2	571.6	650.2	699.3	724.5
47.5°	418.3	468.9	545.7	666.2	729.6	775.4	832.4	902.0	992.0	1114.0	1208.1
45°	575.1	654.5	773.5	901.4	999.8	1044.7	1109.9	1217.6	1361.1	1500.8	1602.9
42.5°	703.3	812.2	946.4	1068.6	1148.9	1222.5	1307.0	1397.8	1562.2	1711.4	1829.4
40°	870.5	955.4	1105.9	1221.1	1293.0	1366.0	1499.9	1635.8	1790.4	1929.4	2026.0
37.5°	1082.5	1177.9	1334.5	1464.8	1534.0	1559.8	1787.5	1976.7	2102.3	2279.8	2337.9
35°	1310.1	1467.3	1666.7	1835.8	1903.6	2039.0	2273.6	2537.5	2823.5	2928.7	3018.4
32.5°	1564.1	1758.0	2028.7	2210.1	2306.9	2512.4	2809.2	3090.9	3465.0	3668.0	3728.6
30°	1796.5	2019.0	2251.7	2427.9	2593.4	2840.9	3111.6	3459.0	3804.9	4064.4	4145.0
27.5°	1967.1	2213.2	2436.9	2602.0	2788.7	3055.6	3393.1	3744.9	4084.4	4349.2	4443.3
25°	2129.8	2408.1	2585.2	2777.1	2996.4	3287.2	3661.3	4052.2	4386.6	4610.4	4725.8
22.5°	2315.0	2589.4	2779.5	2942.1	3228.8	3563.9	3911.1	4352.8	4707.1	4885.7	5010.7
20°	2506.1	2816.6	3110.3	3261.5	3509.6	3933.8	4322.5	4739.5	5081.6	5267.7	5399.4
17.5°	2772.8	3168.4	3528.6	3742.7	4008.4	4515.7	5000.7	5422.5	5898.4	6066.4	6227.5
15°	3054.0	3511.8	3933.8	4273.0	4616.2	5118.8	5743.1	6252.2	6795.2	7037.7	7311.8
12.5°	3334.2	3767.5	4149.8	4587.5	5071.1	5515.8	6110.1	6744.0	7236.8	7546.0	7730.5
10°	3543.7	3946.1	4314.0	4752.7	5235.5	5738.5	6329.1	6978.9	7494.6	7758.5	7909.1
7.5°	3656.8	4042.0	4430.0	4874.5	5355.2	5890.8	6499.4	7144.0	7671.4	7927.1	8075.9
5°	3740.8	4110.7	4512.5	4980.5	5466.4	6009.6	6617.2	7254.2	7735.1	8006.9	8195.0
2.5°	3791.7	4154.3	4565.1	5049.0	5536.1	6101.8	6738.8	7399.1	7819.9	8038.5	8211.4
0°	3806.4	4171.6	4594.6	5084.8	5584.6	6154.9	6786.1	7439.7	7865.9	8077.3	8253.6
-2.5°	3823.0	4199.0	4633.6	5108.0	5603.7	6172.3	6816.6	7453.5	7836.9	8050.2	8217.8
-5°	3811.4	4201.1	4634.4	5088.8	5587.7	6151.8	6770.3	7365.8	7766.8	7997.5	8164.2
-7.5°	3776.9	4172.2	4601.0	5037.7	5527.0	6097.6	6713.5	7287.0	7693.2	7936.4	8118.9
-10°	3726.7	4110.5	4542.2	4984.5	5468.0	6011.1	6617.5	7187.6	7576.3	7834.6	8047.2
-12.5°	3671.1	4046.9	4463.0	4887.3	5365.5	5901.9	6489.5	7029.1	7415.5	7697.3	7849.2
-15°	3588.7	3964.3	4362.0	4772.4	5238.5	5758.9	6320.2	6837.9	7217.4	7446.7	7614.5
-17.5°	3483.9	3852.4	4229.5	4618.7	5057.9	5570.3	6135.0	6645.6	6955.0	7159.7	7324.7
-20°	3371.6	3712.3	4069.6	4436.9	4862.5	5370.2	5924.8	6370.1	6661.7	6858.5	7014.3



REPORT NUMBER: P627110 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3243.3	3571.5	3898.5	4249.7	4667.0	5132.4	5622.3	6052.6	6366.2	6545.3	6689.3
-25°	3096.9	3416.1	3726.7	4065.8	4449.3	4867.7	5323.2	5746.1	6026.9	6217.3	6360.1
-27.5°	2939.2	3239.1	3542.5	3847.0	4191.8	4608.7	5030.5	5423.4	5663.1	5855.0	5998.6
-30°	2781.9	3051.6	3332.3	3620.6	3944.2	4320.1	4714.6	5045.0	5297.7	5484.1	5617.5
-32.5°	2611.3	2867.3	3115.9	3385.4	3690.1	4021.4	4367.6	4681.9	4952.0	5122.7	5235.1
-35°	2436.6	2684.4	2912.0	3156.6	3425.3	3711.2	4030.9	4340.8	4607.5	4742.6	4852.1
-37.5°	2254.7	2501.8	2717.6	2921.8	3153.4	3418.1	3729.4	4025.1	4255.5	4371.7	4470.4
-40°	2096.4	2314.0	2508.2	2703.7	2891.9	3127.0	3417.5	3703.8	3888.7	4001.9	4093.6
-42.5°	1942.8	2126.3	2285.4	2460.7	2649.0	2880.8	3115.2	3355.3	3503.9	3629.5	3726.1
-45°	1764.0	1928.0	2077.1	2222.9	2394.7	2606.3	2819.2	3011.5	3150.7	3272.1	3366.2
-47.5°	1566.1	1724.5	1869.3	1999.6	2159.3	2335.8	2515.1	2675.1	2812.5	2932.5	3016.4
-50°	1381.7	1523.2	1664.6	1796.5	1934.9	2077.7	2223.1	2363.6	2494.0	2610.6	2682.0
-52.5°	1216.5	1347.1	1470.6	1585.9	1707.1	1827.7	1948.2	2076.8	2196.8	2307.1	2364.2
-55°	1067.0	1184.8	1296.3	1393.5	1490.6	1586.3	1689.5	1808.3	1918.8	2021.0	2061.9
-57.5°	932.9	1033.6	1132.3	1214.5	1293.8	1369.9	1460.6	1560.8	1657.5	1745.1	1778.6
-60°	809.5	889.4	971.9	1044.8	1114.0	1179.2	1258.3	1339.0	1417.5	1483.5	1512.0
-62.5°	695.9	764.3	826.8	886.1	944.6	1003.4	1067.2	1131.2	1194.6	1245.5	1271.3
-65°	586.5	640.9	691.2	739.9	787.2	836.5	886.5	935.1	982.0	1018.4	1040.7
-67.5°	483.8	525.2	565.0	603.0	642.6	682.6	721.7	758.9	794.2	822.3	843.6
-70°	392.7	424.8	456.0	487.4	520.4	551.5	580.9	608.8	635.1	655.3	671.8
-72.5°	316.5	342.5	369.5	397.8	424.5	447.7	468.9	489.3	508.8	520.2	528.8
-75°	255.2	277.1	300.5	323.4	345.7	363.4	378.9	393.9	408.4	409.1	406.3
-77.5°	206.2	225.7	243.9	261.9	279.6	290.5	300.0	309.8	319.7	314.0	305.0
-80°	151.4	167.6	183.0	198.5	214.0	220.4	224.9	228.8	232.1	224.6	215.4
-82.5°	100.4	110.7	120.7	130.9	141.2	145.3	148.4	151.0	153.0	146.2	138.5
-85°	56.0	61.0	65.8	70.7	75.6	78.5	81.1	83.5	85.7	81.7	77.2
-87.5°	23.3	24.4	25.5	26.5	27.6	28.6	29.6	30.6	31.6	31.7	31.8
-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: P627110 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	18.4
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°	0.9	0.2	0.0	0.0	0.0	0.2	0.9	1.6	2.1	2.3	2.3
62.5°	5.9	6.1	6.3	6.4	6.3	6.1	5.9	5.6	5.4	5.7	6.1
60°	11.3	9.9	9.6	9.6	9.6	9.9	11.3	12.3	12.7	18.6	21.8
57.5°	88.8	76.0	78.0	86.5	78.0	76.0	88.8	96.2	96.7	112.3	112.9
55°	415.1	463.3	480.4	471.0	480.4	463.3	415.1	363.9	315.3	300.2	300.3
52.5°	562.4	582.1	589.8	589.5	589.8	582.1	562.4	535.8	502.2	469.1	436.6
50°	732.1	725.4	715.1	704.9	715.1	725.4	732.1	724.5	699.3	650.2	571.6
47.5°	1221.8	1200.7	1191.7	1207.9	1191.7	1200.7	1221.8	1208.1	1114.0	992.0	902.0
45°	1623.7	1648.5	1667.0	1666.1	1667.0	1648.5	1623.7	1602.9	1500.8	1361.1	1217.6
42.5°	1852.5	1865.7	1869.6	1864.7	1869.6	1865.7	1852.5	1829.4	1711.4	1562.2	1397.8
40°	2056.4	2072.2	2081.0	2089.0	2081.0	2072.2	2056.4	2026.0	1929.4	1790.4	1635.8
37.5°	2357.0	2362.8	2350.2	2342.1	2350.2	2362.8	2357.0	2337.9	2279.8	2102.3	1976.7
35°	3094.1	3109.2	3074.2	3111.1	3074.2	3109.2	3094.1	3018.4	2928.7	2823.5	2537.5
32.5°	3800.9	3871.6	3928.9	3976.2	3928.9	3871.6	3800.9	3728.6	3668.0	3465.0	3090.9
30°	4201.3	4246.9	4271.5	4277.4	4271.5	4246.9	4201.3	4145.0	4064.4	3804.9	3459.0
27.5°	4495.3	4543.1	4572.9	4594.6	4572.9	4543.1	4495.3	4443.3	4349.2	4084.4	3744.9
25°	4778.6	4822.3	4852.1	4863.7	4852.1	4822.3	4778.6	4725.8	4610.4	4386.6	4052.2
22.5°	5072.6	5103.0	5131.6	5145.7	5131.6	5103.0	5072.6	5010.7	4885.7	4707.1	4352.8
20°	5494.1	5477.6	5503.6	5494.9	5503.6	5477.6	5494.1	5399.4	5267.7	5081.6	4739.5
17.5°	6353.0	6361.9	6379.4	6408.1	6379.4	6361.9	6353.0	6227.5	6066.4	5898.4	5422.5
15°	7433.2	7455.0	7565.5	7664.0	7565.5	7455.0	7433.2	7311.8	7037.7	6795.2	6252.2
12.5°	7901.8	7977.1	7988.7	8016.5	7988.7	7977.1	7901.8	7730.5	7546.0	7236.8	6744.0
10°	8058.2	8188.5	8185.6	8218.3	8185.6	8188.5	8058.2	7909.1	7758.5	7494.6	6978.9
7.5°	8176.8	8316.7	8375.8	8401.0	8375.8	8316.7	8176.8	8075.9	7927.1	7671.4	7144.0
5°	8321.7	8398.6	8500.6	8471.4	8500.6	8398.6	8321.7	8195.0	8006.9	7735.1	7254.2
2.5°	8382.4	8502.9	8475.1	8503.5	8475.1	8502.9	8382.4	8211.4	8038.5	7819.9	7399.1
0°	8423.4	8509.9	8522.7	8551.5	8522.7	8509.9	8423.4	8253.6	8077.3	7865.9	7439.7
-2.5°	8373.7	8449.8	8583.2	8541.9	8583.2	8449.8	8373.7	8217.8	8050.2	7836.9	7453.5
-5°	8330.1	8517.5	8444.7	8535.5	8444.7	8517.5	8330.1	8164.2	7997.5	7766.8	7365.8
-7.5°	8307.7	8341.1	8389.4	8458.6	8389.4	8341.1	8307.7	8118.9	7936.4	7693.2	7287.0
-10°	8133.7	8168.0	8256.8	8304.8	8256.8	8168.0	8133.7	8047.2	7834.6	7576.3	7187.6
-12.5°	7945.2	8011.5	8104.7	8135.0	8104.7	8011.5	7945.2	7849.2	7697.3	7415.5	7029.1
-15°	7727.9	7826.4	7917.3	7936.4	7917.3	7826.4	7727.9	7614.5	7446.7	7217.4	6837.9
-17.5°	7451.6	7569.8	7665.3	7686.5	7665.3	7569.8	7451.6	7324.7	7159.7	6955.0	6645.6
-20°	7147.2	7260.4	7341.6	7366.1	7341.6	7260.4	7147.2	7014.3	6858.5	6661.7	6370.1



REPORT NUMBER: P627110 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6821.3	6923.2	6991.8	6981.6	6991.8	6923.2	6821.3	6689.3	6545.3	6366.2	6052.6
-25°	6475.2	6569.8	6635.3	6625.9	6635.3	6569.8	6475.2	6360.1	6217.3	6026.9	5746.1
-27.5°	6109.5	6199.1	6261.9	6263.9	6261.9	6199.1	6109.5	5998.6	5855.0	5663.1	5423.4
-30°	5725.0	5806.4	5857.5	5837.7	5857.5	5806.4	5725.0	5617.5	5484.1	5297.7	5045.0
-32.5°	5328.5	5402.2	5449.0	5462.9	5449.0	5402.2	5328.5	5235.1	5122.7	4952.0	4681.9
-35°	4937.5	5002.4	5042.8	5052.7	5042.8	5002.4	4937.5	4852.1	4742.6	4607.5	4340.8
-37.5°	4548.9	4604.7	4632.9	4620.2	4632.9	4604.7	4548.9	4470.4	4371.7	4255.5	4025.1
-40°	4165.0	4218.2	4250.5	4258.1	4250.5	4218.2	4165.0	4093.6	4001.9	3888.7	3703.8
-42.5°	3787.5	3831.7	3860.1	3873.7	3860.1	3831.7	3787.5	3726.1	3629.5	3503.9	3355.3
-45°	3421.1	3460.6	3487.2	3502.0	3487.2	3460.6	3421.1	3366.2	3272.1	3150.7	3011.5
-47.5°	3064.6	3099.2	3122.2	3133.5	3122.2	3099.2	3064.6	3016.4	2932.5	2812.5	2675.1
-50°	2723.8	2753.8	2775.2	2787.5	2775.2	2753.8	2723.8	2682.0	2610.6	2494.0	2363.6
-52.5°	2400.5	2426.7	2445.0	2454.3	2445.0	2426.7	2400.5	2364.2	2307.1	2196.8	2076.8
-55°	2091.8	2113.1	2130.0	2140.3	2130.0	2113.1	2091.8	2061.9	2021.0	1918.8	1808.3
-57.5°	1804.0	1821.3	1837.3	1848.7	1837.3	1821.3	1804.0	1778.6	1745.1	1657.5	1560.8
-60°	1534.5	1550.9	1564.6	1573.2	1564.6	1550.9	1534.5	1512.0	1483.5	1417.5	1339.0
-62.5°	1291.4	1305.9	1318.4	1326.5	1318.4	1305.9	1291.4	1271.3	1245.5	1194.6	1131.2
-65°	1058.3	1071.3	1080.6	1086.2	1080.6	1071.3	1058.3	1040.7	1018.4	982.0	935.1
-67.5°	861.8	876.8	879.8	877.9	879.8	876.8	861.8	843.6	822.3	794.2	758.9
-70°	686.4	699.1	702.1	701.7	702.1	699.1	686.4	671.8	655.3	635.1	608.8
-72.5°	536.7	543.6	537.8	528.7	537.8	543.6	536.7	528.8	520.2	508.8	489.3
-75°	402.7	398.3	392.1	384.5	392.1	398.3	402.7	406.3	409.1	408.4	393.9
-77.5°	295.0	284.1	276.9	269.1	276.9	284.1	295.0	305.0	314.0	319.7	309.8
-80°	205.3	194.6	187.3	179.4	187.3	194.6	205.3	215.4	224.6	232.1	228.8
-82.5°	130.1	121.3	116.8	112.1	116.8	121.3	130.1	138.5	146.2	153.0	151.0
-85°	72.3	67.1	64.0	60.9	64.0	67.1	72.3	77.2	81.7	85.7	83.5
-87.5°	31.9	32.0	30.4	28.8	30.4	32.0	31.9	31.8	31.7	31.6	30.6
-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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 CATALOG NUMBER: GFLD-SA3B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	17.6	16.8	16.0	15.2	14.4	13.6	12.8	12.0	11.2	10.4	9.6
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	0.1	0.1	0.0	0.0	0.3	0.4	0.2	0.0	0.3
67.5°	0.0	0.0	0.6	1.3	1.7	1.6	1.5	1.6	1.9	1.7	1.6
65°	1.9	1.2	0.8	1.6	2.4	3.2	3.4	3.0	2.9	3.3	4.0
62.5°	6.5	6.7	5.8	4.9	4.2	4.7	5.1	5.4	4.7	3.8	5.0
60°	19.3	11.7	17.1	18.3	14.6	12.6	19.0	18.0	9.4	8.1	7.3
57.5°	92.9	77.8	85.4	77.6	53.1	46.4	48.0	45.8	41.5	25.4	10.8
55°	320.4	274.5	215.7	186.3	179.5	137.3	102.3	85.4	77.5	55.9	37.1
52.5°	407.0	378.3	333.8	272.4	239.6	227.3	194.4	155.5	123.5	98.8	71.0
50°	510.2	517.9	472.2	387.2	353.6	317.2	285.2	240.3	199.8	160.2	118.3
47.5°	832.4	775.4	729.6	666.2	545.7	468.9	418.3	344.7	289.2	241.4	189.6
45°	1109.9	1044.7	999.8	901.4	773.5	654.5	575.1	482.8	384.6	320.6	273.6
42.5°	1307.0	1222.5	1148.9	1068.6	946.4	812.2	703.3	612.0	508.7	404.9	342.4
40°	1499.9	1366.0	1293.0	1221.1	1105.9	955.4	870.5	736.4	628.6	513.5	428.1
37.5°	1787.5	1559.8	1534.0	1464.8	1334.5	1177.9	1082.5	950.2	750.2	641.6	543.5
35°	2273.6	2039.0	1903.6	1835.8	1666.7	1467.3	1310.1	1186.6	988.1	774.5	661.4
32.5°	2809.2	2512.4	2306.9	2210.1	2028.7	1758.0	1564.1	1406.9	1207.8	966.1	784.7
30°	3111.6	2840.9	2593.4	2427.9	2251.7	2019.0	1796.5	1574.6	1358.3	1158.3	918.3
27.5°	3393.1	3055.6	2788.7	2602.0	2436.9	2213.2	1967.1	1729.2	1491.5	1293.9	1079.8
25°	3661.3	3287.2	2996.4	2777.1	2585.2	2408.1	2129.8	1869.9	1622.1	1403.6	1236.1
22.5°	3911.1	3563.9	3228.8	2942.1	2779.5	2589.4	2315.0	2000.2	1758.1	1574.3	1377.2
20°	4322.5	3933.8	3509.6	3261.5	3110.3	2816.6	2506.1	2194.9	1972.4	1762.1	1530.2
17.5°	5000.7	4515.7	4008.4	3742.7	3528.6	3168.4	2772.8	2464.0	2186.3	1951.9	1696.7
15°	5743.1	5118.8	4616.2	4273.0	3933.8	3511.8	3054.0	2720.3	2404.8	2141.1	1849.7
12.5°	6110.1	5515.8	5071.1	4587.5	4149.8	3767.5	3334.2	2966.3	2608.3	2264.6	1944.3
10°	6329.1	5738.5	5235.5	4752.7	4314.0	3946.1	3543.7	3107.9	2710.0	2346.3	2023.3
7.5°	6499.4	5890.8	5355.2	4874.5	4430.0	4042.0	3656.8	3199.9	2791.5	2412.4	2086.6
5°	6617.2	6009.6	5466.4	4980.5	4512.5	4110.7	3740.8	3269.6	2852.1	2462.6	2134.7
2.5°	6738.8	6101.8	5536.1	5049.0	4565.1	4154.3	3791.7	3322.8	2901.4	2499.8	2174.8
0°	6786.1	6154.9	5584.6	5084.8	4594.6	4171.6	3806.4	3357.8	2934.9	2521.6	2201.2
-2.5°	6816.6	6172.3	5603.7	5108.0	4633.6	4199.0	3823.0	3397.1	2945.5	2545.0	2208.6
-5°	6770.3	6151.8	5587.7	5088.8	4634.4	4201.1	3811.4	3402.9	2942.8	2551.2	2202.8
-7.5°	6713.5	6097.6	5527.0	5037.7	4601.0	4172.2	3776.9	3377.4	2932.7	2541.0	2192.0
-10°	6617.5	6011.1	5468.0	4984.5	4542.2	4110.5	3726.7	3329.1	2899.9	2511.9	2166.5
-12.5°	6489.5	5901.9	5365.5	4887.3	4463.0	4046.9	3671.1	3262.3	2844.1	2463.5	2126.2
-15°	6320.2	5758.9	5238.5	4772.4	4362.0	3964.3	3588.7	3188.4	2789.6	2403.8	2071.0
-17.5°	6135.0	5570.3	5057.9	4618.7	4229.5	3852.4	3483.9	3110.8	2726.8	2347.8	2021.2
-20°	5924.8	5370.2	4862.5	4436.9	4069.6	3712.3	3371.6	3023.9	2639.7	2283.4	1969.0



REPORT NUMBER: P627110 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5622.3	5132.4	4667.0	4249.7	3898.5	3571.5	3243.3	2907.2	2526.6	2202.6	1897.9
-25°	5323.2	4867.7	4449.3	4065.8	3726.7	3416.1	3096.9	2763.7	2426.0	2107.8	1810.9
-27.5°	5030.5	4608.7	4191.8	3847.0	3542.5	3239.1	2939.2	2624.0	2313.0	2001.2	1729.2
-30°	4714.6	4320.1	3944.2	3620.6	3332.3	3051.6	2781.9	2487.5	2181.6	1885.7	1641.1
-32.5°	4367.6	4021.4	3690.1	3385.4	3115.9	2867.3	2611.3	2332.3	2030.0	1777.8	1539.0
-35°	4030.9	3711.2	3425.3	3156.6	2912.0	2684.4	2436.6	2157.2	1891.8	1655.1	1423.8
-37.5°	3729.4	3418.1	3153.4	2921.8	2717.6	2501.8	2254.7	2006.7	1757.2	1518.5	1316.7
-40°	3417.5	3127.0	2891.9	2703.7	2508.2	2314.0	2096.4	1865.9	1619.7	1386.5	1211.6
-42.5°	3115.2	2880.8	2649.0	2460.7	2285.4	2126.3	1942.8	1710.1	1483.8	1281.3	1113.2
-45°	2819.2	2606.3	2394.7	2222.9	2077.1	1928.0	1764.0	1552.4	1349.2	1175.3	1016.7
-47.5°	2515.1	2335.8	2159.3	1999.6	1869.3	1724.5	1566.1	1386.9	1220.3	1063.7	923.2
-50°	2223.1	2077.7	1934.9	1796.5	1664.6	1523.2	1381.7	1237.1	1088.5	951.9	824.4
-52.5°	1948.2	1827.7	1707.1	1585.9	1470.6	1347.1	1216.5	1087.9	957.1	843.0	729.2
-55°	1689.5	1586.3	1490.6	1393.5	1296.3	1184.8	1067.0	951.2	846.8	742.0	649.2
-57.5°	1460.6	1369.9	1293.8	1214.5	1132.3	1033.6	932.9	835.0	748.4	661.6	575.7
-60°	1258.3	1179.2	1114.0	1044.8	971.9	889.4	809.5	731.9	657.1	586.3	512.3
-62.5°	1067.2	1003.4	944.6	886.1	826.8	764.3	695.9	633.4	575.4	515.8	448.9
-65°	886.5	836.5	787.2	739.9	691.2	640.9	586.5	537.0	489.7	441.3	383.4
-67.5°	721.7	682.6	642.6	603.0	565.0	525.2	483.8	442.5	403.9	364.4	317.5
-70°	580.9	551.5	520.4	487.4	456.0	424.8	392.7	359.3	324.0	291.8	259.7
-72.5°	468.9	447.7	424.5	397.8	369.5	342.5	316.5	290.5	263.7	236.1	208.1
-75°	378.9	363.4	345.7	323.4	300.5	277.1	255.2	232.8	208.3	181.6	155.5
-77.5°	300.0	290.5	279.6	261.9	243.9	225.7	206.2	181.8	156.8	132.1	110.6
-80°	224.9	220.4	214.0	198.5	183.0	167.6	151.4	130.0	108.8	88.9	72.9
-82.5°	148.4	145.3	141.2	130.9	120.7	110.7	100.4	85.6	71.4	58.0	46.1
-85°	81.1	78.5	75.6	70.7	65.8	61.0	56.0	47.9	40.2	33.0	26.6
-87.5°	29.6	28.6	27.6	26.5	25.5	24.4	23.3	20.9	18.5	16.3	14.1
-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: P627110 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	8.8	8.0	7.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.7
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	1.0
82.5°	0.0	0.0	0.0	0.1	0.5	0.8	0.9	0.8	0.5	0.1	0.2
80°	0.0	0.0	0.0	0.1	0.8	1.7	2.1	2.2	1.7	1.2	0.6
77.5°	0.0	0.0	0.0	0.0	0.3	0.9	1.8	2.9	2.9	2.2	1.6
75°	0.0	0.0	0.0	0.1	0.2	0.0	0.7	1.7	2.6	3.2	2.5
72.5°	0.0	0.0	0.0	0.4	0.9	0.9	0.5	0.6	1.9	2.7	3.2
70°	0.5	0.2	0.0	0.5	1.3	2.0	1.8	1.5	1.2	2.3	3.0
67.5°	1.5	1.6	1.2	0.9	1.4	2.2	3.0	2.9	2.5	2.1	2.9
65°	3.7	3.5	3.1	2.8	2.4	2.4	3.1	3.9	3.7	3.2	2.9
62.5°	5.6	5.6	5.1	4.7	4.2	3.6	3.3	4.4	4.9	4.3	3.6
60°	7.2	7.5	7.2	6.5	5.9	5.2	4.8	5.0	5.6	5.4	4.6
57.5°	10.0	9.7	9.5	8.7	7.6	6.8	6.4	6.3	6.4	6.3	5.5
55°	17.6	12.2	12.3	11.4	9.8	8.4	8.1	7.8	7.4	7.3	6.5
52.5°	44.5	24.7	15.8	14.6	12.7	10.4	9.7	9.3	8.8	8.3	7.4
50°	82.2	53.2	30.1	18.9	16.1	13.7	11.4	10.8	10.2	9.5	8.3
47.5°	131.6	91.5	59.4	29.8	20.8	17.1	14.2	12.3	11.5	10.7	9.2
45°	202.6	134.8	93.4	59.0	27.7	23.7	17.6	13.8	12.8	11.8	10.1
42.5°	281.9	197.8	131.1	89.2	52.9	32.8	21.1	16.7	14.2	13.0	11.1
40°	359.6	273.3	176.1	122.9	79.9	44.0	30.4	20.0	15.5	14.3	12.2
37.5°	445.7	353.2	246.7	159.0	107.3	67.1	41.6	23.3	17.6	15.6	13.3
35°	552.1	441.8	317.3	211.9	142.1	88.6	54.1	29.6	21.7	17.0	14.4
32.5°	658.4	530.4	393.7	273.3	178.5	108.3	70.4	42.3	26.4	18.5	15.6
30°	765.3	611.4	465.6	330.2	220.4	140.1	87.9	54.6	31.8	20.0	16.9
27.5°	861.6	688.0	532.9	389.6	269.5	173.7	106.3	66.5	37.8	22.6	18.1
25°	970.4	770.6	599.1	446.4	314.4	208.6	125.0	78.2	46.6	27.3	19.4
22.5°	1110.3	855.6	660.5	497.9	358.9	242.1	149.3	93.6	56.2	32.2	20.6
20°	1249.5	938.6	720.6	562.4	407.2	279.7	177.3	108.9	65.4	37.2	21.9
17.5°	1386.0	1044.9	808.1	628.3	458.9	314.9	203.4	124.0	74.0	42.4	23.1
15°	1508.5	1166.8	894.1	690.7	509.6	347.5	227.6	138.6	82.1	47.6	24.7
12.5°	1611.3	1271.8	975.1	749.0	558.4	377.3	249.7	152.6	89.5	53.4	27.0
10°	1696.3	1360.6	1050.1	802.9	604.5	404.0	269.6	166.7	98.3	59.5	29.3
7.5°	1764.2	1434.0	1118.5	851.8	646.3	429.0	291.0	181.5	106.7	65.3	31.7
5°	1815.2	1491.3	1171.3	886.9	679.5	452.0	310.8	195.1	114.6	70.7	34.0
2.5°	1848.4	1533.4	1210.4	914.5	706.6	471.3	328.1	207.3	121.8	75.7	36.3
0°	1867.9	1563.6	1240.0	935.6	727.3	487.0	342.8	217.9	128.2	80.1	38.4
-2.5°	1885.4	1583.3	1265.8	972.4	741.5	512.7	352.2	227.4	138.3	83.3	42.3
-5°	1891.2	1592.0	1282.7	1000.8	750.1	533.5	358.9	235.2	147.2	85.8	45.9
-7.5°	1881.4	1586.8	1288.7	1017.0	754.1	548.2	362.7	241.3	154.4	87.8	49.1
-10°	1859.8	1569.6	1280.8	1012.1	759.5	552.9	365.0	245.8	159.6	89.3	51.6
-12.5°	1827.6	1543.7	1264.0	1001.3	758.6	549.9	371.0	249.3	162.3	90.3	53.6
-15°	1785.6	1509.7	1238.2	985.5	749.5	543.3	372.5	250.6	162.0	92.2	54.8
-17.5°	1736.0	1468.6	1203.8	965.3	731.7	533.4	369.1	249.0	160.4	95.0	55.9
-20°	1686.4	1422.9	1162.8	941.4	704.9	520.4	360.6	244.4	157.5	96.8	57.1

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Peachtree City, GA 30269

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REPORT NUMBER: P627110 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1628.2	1370.4	1127.5	908.0	675.9	504.8	346.5	236.7	153.3	97.6	57.6
-25°	1561.4	1309.1	1085.0	862.2	653.0	487.2	332.0	225.6	147.8	97.3	57.4
-27.5°	1485.8	1243.6	1034.9	812.0	629.3	462.6	318.3	217.5	143.2	95.9	56.5
-30°	1401.6	1182.0	975.0	763.7	600.3	436.0	300.3	208.4	141.1	94.1	54.9
-32.5°	1310.7	1112.5	910.7	726.9	567.3	408.3	284.4	198.1	137.6	91.8	55.0
-35°	1225.5	1037.0	845.0	684.5	532.3	392.0	273.7	186.7	132.7	88.6	55.3
-37.5°	1134.2	957.8	793.0	640.2	495.4	373.1	265.1	181.6	126.2	84.5	55.1
-40°	1046.4	882.6	732.8	598.0	468.1	352.0	251.6	175.9	120.1	79.5	54.4
-42.5°	957.6	812.0	675.3	552.0	442.4	331.5	234.3	167.2	115.1	76.7	53.2
-45°	875.8	739.0	614.0	512.0	413.7	305.3	221.0	156.3	109.0	74.6	52.0
-47.5°	789.8	664.8	558.0	468.1	376.4	276.8	204.0	147.6	101.6	72.0	51.3
-50°	701.1	594.4	505.6	419.9	330.6	253.1	185.9	137.3	99.0	69.8	50.0
-52.5°	623.4	532.6	452.1	370.4	296.1	225.3	172.1	126.3	95.5	68.0	48.3
-55°	556.5	473.8	399.3	329.8	263.2	204.8	156.6	121.0	91.2	65.8	46.1
-57.5°	497.4	419.4	356.1	293.6	235.7	185.1	145.6	114.8	86.6	62.7	44.1
-60°	440.0	375.9	316.7	261.1	210.0	168.1	137.1	107.6	81.2	58.8	42.0
-62.5°	386.9	330.5	279.0	228.7	187.1	154.3	127.3	99.2	74.8	53.9	39.1
-65°	331.2	283.1	239.6	200.1	166.2	138.1	114.6	89.7	66.4	48.0	35.4
-67.5°	273.3	238.0	204.0	171.1	143.4	119.8	100.1	77.1	56.5	41.2	31.1
-70°	227.6	196.5	167.7	141.9	119.3	100.0	81.8	62.3	45.6	35.3	26.5
-72.5°	181.2	155.8	132.2	111.7	95.6	79.2	62.6	47.7	37.8	29.1	21.6
-75°	134.1	117.0	101.6	87.3	72.8	58.5	47.7	37.9	29.7	22.6	18.2
-77.5°	97.3	84.9	73.6	64.6	54.6	45.1	36.0	27.8	22.5	18.8	15.3
-80°	66.1	59.6	53.4	47.0	39.0	31.4	26.0	21.4	18.1	15.1	12.4
-82.5°	41.7	38.2	35.0	31.8	27.2	23.0	19.3	16.1	13.7	11.4	10.0
-85°	24.7	22.8	21.0	19.2	16.6	14.4	13.3	12.3	11.2	10.2	9.1
-87.5°	13.9	13.7	13.5	13.3	12.6	12.0	11.4	10.9	10.0	9.1	8.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6	2.4



REPORT NUMBER: P627110 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.4	5.6	4.8	4.0	3.2	3.2	3.2
87.5°	2.4	2.7	2.9	3.1	3.2	3.2	3.2
85°	1.6	2.2	2.6	3.0	3.2	3.2	3.2
82.5°	0.8	1.7	2.4	2.9	3.2	3.2	3.2
80°	0.2	1.2	2.1	2.8	3.2	3.2	3.2
77.5°	1.0	1.1	1.9	2.7	3.2	3.2	3.2
75°	1.8	1.6	1.8	2.6	3.2	3.2	3.2
72.5°	2.6	2.1	2.0	2.6	3.2	3.2	3.2
70°	3.2	2.5	2.3	2.6	3.2	3.2	3.2
67.5°	3.3	3.0	2.6	2.7	3.2	3.2	3.2
65°	3.4	3.3	2.8	2.8	3.2	3.2	3.2
62.5°	3.6	3.6	3.0	2.9	3.2	3.2	3.2
60°	3.8	3.8	3.2	3.0	3.2	3.2	3.2
57.5°	4.6	4.1	3.5	3.0	3.2	3.2	3.2
55°	5.4	4.5	3.8	3.1	3.3	3.2	3.2
52.5°	6.2	4.9	4.2	3.1	3.3	3.2	3.2
50°	6.9	5.6	4.5	3.2	3.4	3.2	3.2
47.5°	7.7	6.2	4.9	3.3	3.5	3.2	3.2
45°	8.5	6.8	5.3	3.6	3.6	3.2	3.2
42.5°	9.2	7.4	5.7	3.9	3.7	3.2	3.2
40°	9.9	8.0	6.1	4.2	3.8	3.2	3.2
37.5°	10.6	8.6	6.6	4.7	3.9	3.2	3.2
35°	11.3	9.2	7.0	5.1	4.1	3.2	3.2
32.5°	12.0	9.7	7.4	5.5	4.2	3.2	3.2
30°	13.0	10.2	7.9	5.9	4.4	3.2	3.2
27.5°	13.9	10.7	8.4	6.3	4.5	3.2	3.2
25°	14.9	11.2	8.9	6.7	4.7	3.2	3.2
22.5°	15.8	11.7	9.3	7.0	4.9	3.2	3.2
20°	16.7	12.2	9.8	7.4	5.0	3.2	3.2
17.5°	17.6	12.8	10.3	7.7	5.2	3.2	3.2
15°	18.5	13.3	10.7	8.0	5.4	3.2	3.2
12.5°	19.3	13.9	11.1	8.3	5.6	3.2	3.2
10°	20.1	14.3	11.5	8.6	5.8	3.2	3.2
7.5°	20.8	14.8	11.8	8.9	5.9	3.2	3.2
5°	21.4	15.2	12.2	9.1	6.1	3.2	3.2
2.5°	21.9	15.6	12.5	9.4	6.3	3.2	3.2
0°	22.4	16.0	12.8	9.6	6.4	3.2	3.2
-2.5°	23.6	16.3	13.1	9.6	6.4	3.2	3.2
-5°	24.8	16.6	13.3	9.6	6.4	3.2	3.2
-7.5°	25.8	16.9	13.5	9.5	6.3	3.2	3.2
-10°	26.6	17.2	13.7	9.5	6.3	3.2	3.2
-12.5°	27.2	17.4	13.8	9.4	6.2	3.2	3.2
-15°	27.6	17.5	13.8	9.3	6.2	3.2	3.2
-17.5°	27.8	17.7	13.8	9.2	6.1	3.2	3.2
-20°	28.5	17.8	13.7	9.0	6.0	3.2	3.2

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CATALOG NUMBER: GFLD-SA3B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30.3	17.9	13.5	8.9	5.9	3.2	3.2
-25°	31.8	19.0	13.3	8.7	5.8	3.2	3.2
-27.5°	33.0	20.5	13.0	8.5	5.7	3.2	3.2
-30°	33.8	21.8	12.7	8.3	5.5	3.2	3.2
-32.5°	34.2	22.9	13.1	8.1	5.4	3.2	3.2
-35°	35.2	23.7	13.5	7.9	5.2	3.2	3.2
-37.5°	36.1	24.3	13.7	7.6	5.1	3.2	3.2
-40°	36.7	24.4	13.8	7.3	4.9	3.2	3.2
-42.5°	36.9	24.5	13.9	7.2	4.7	3.2	3.2
-45°	36.7	24.3	13.9	7.2	4.5	3.2	3.2
-47.5°	36.1	23.9	13.8	7.2	4.3	3.2	3.2
-50°	35.4	23.3	13.6	7.1	4.1	3.2	3.2
-52.5°	34.4	22.6	13.2	7.0	3.9	3.2	3.2
-55°	33.1	21.7	12.6	6.8	3.7	3.2	3.2
-57.5°	31.7	20.5	11.9	6.5	3.4	3.2	3.2
-60°	29.9	19.1	11.1	6.2	3.2	3.2	3.2
-62.5°	27.5	17.5	10.5	5.9	3.2	3.2	3.2
-65°	24.8	15.7	9.8	5.5	3.2	3.2	3.2
-67.5°	21.8	14.1	9.0	5.1	3.2	3.2	3.2
-70°	18.6	12.8	8.2	4.6	3.2	3.2	3.2
-72.5°	16.4	11.4	7.3	4.5	3.2	3.2	3.2
-75°	14.3	9.9	6.4	4.5	3.2	3.2	3.2
-77.5°	12.1	8.4	6.0	4.4	3.2	3.2	3.2
-80°	9.7	7.6	5.8	4.4	3.2	3.2	3.2
-82.5°	8.8	7.1	5.6	4.3	3.2	3.2	3.2
-85°	8.0	6.6	5.3	4.2	3.2	3.2	3.2
-87.5°	7.2	6.1	5.1	4.1	3.2	3.2	3.2
-90°	3.2	3.2	3.2	3.2	3.2	3.2	3.2

(END OF REPORT)