

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: P645391 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-722-U-LAM-VSR-XX**

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-08
Report Number: P645391 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/28/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-722-U-LAM-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

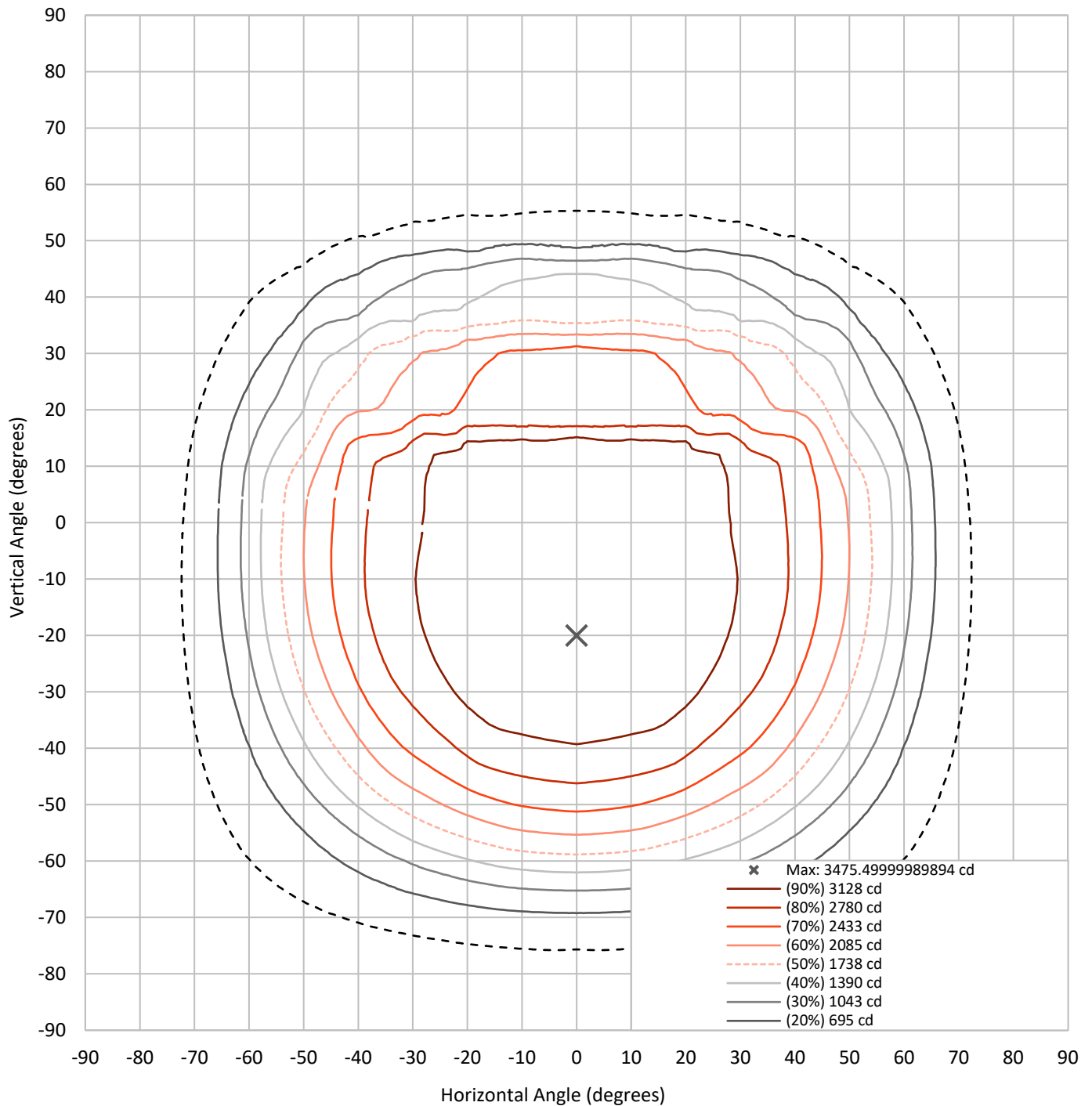
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	8149.4 lumens	Max Intensity:	3475.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	64.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	6370.8 lumens	Field Lumens:	7987.6 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	125.7		
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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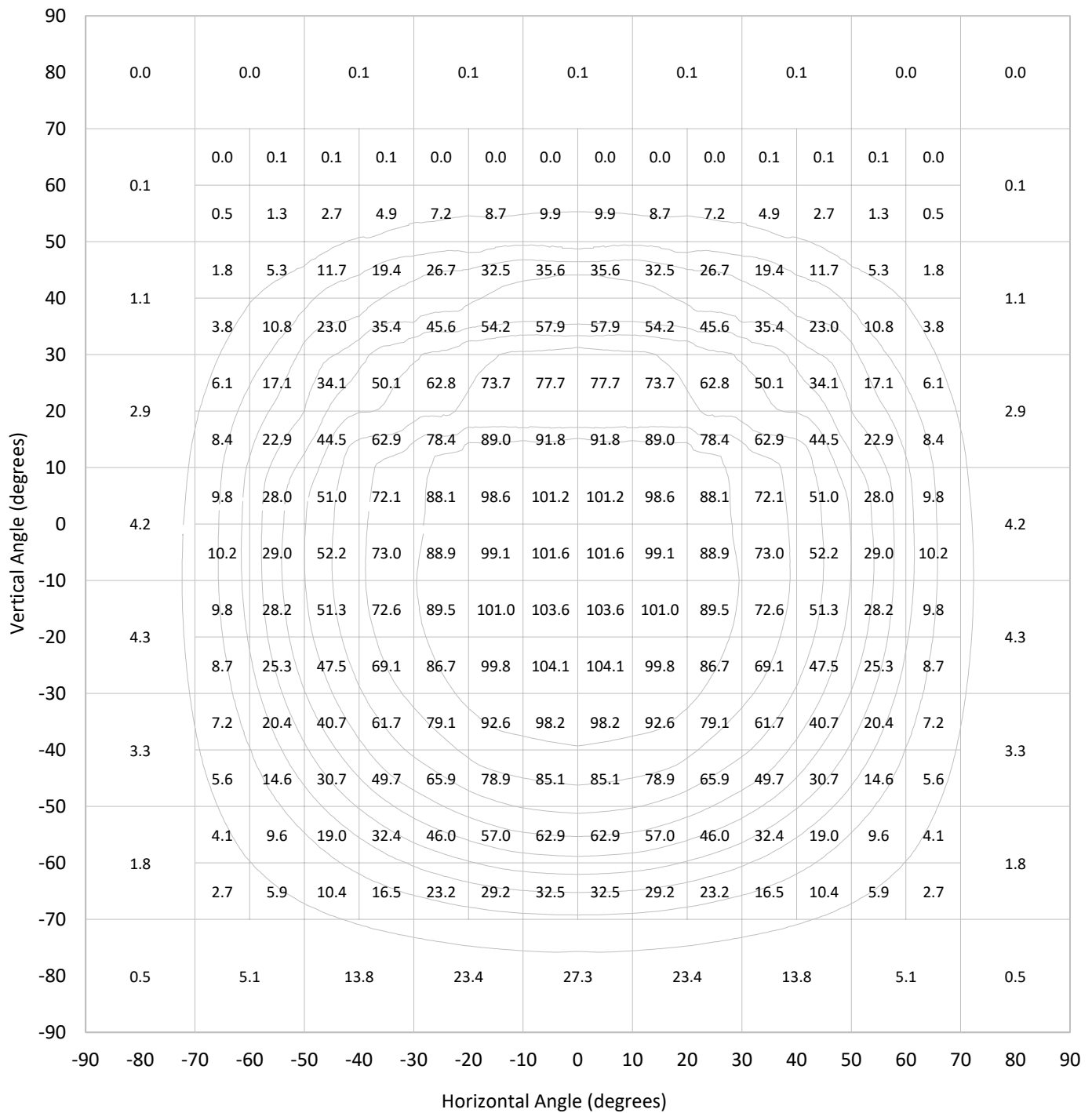
Iso-Candela Plot





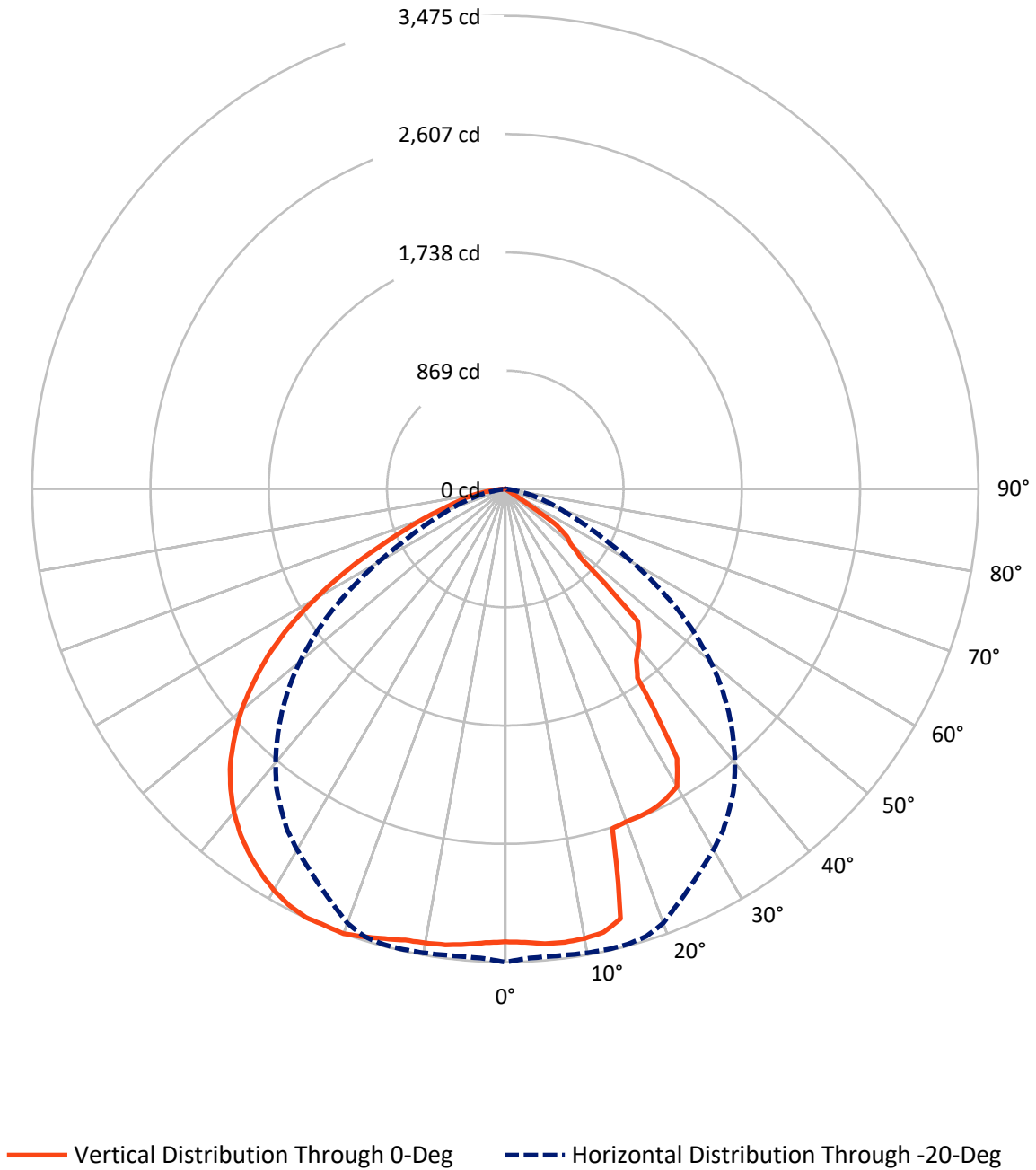
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Lumen Table



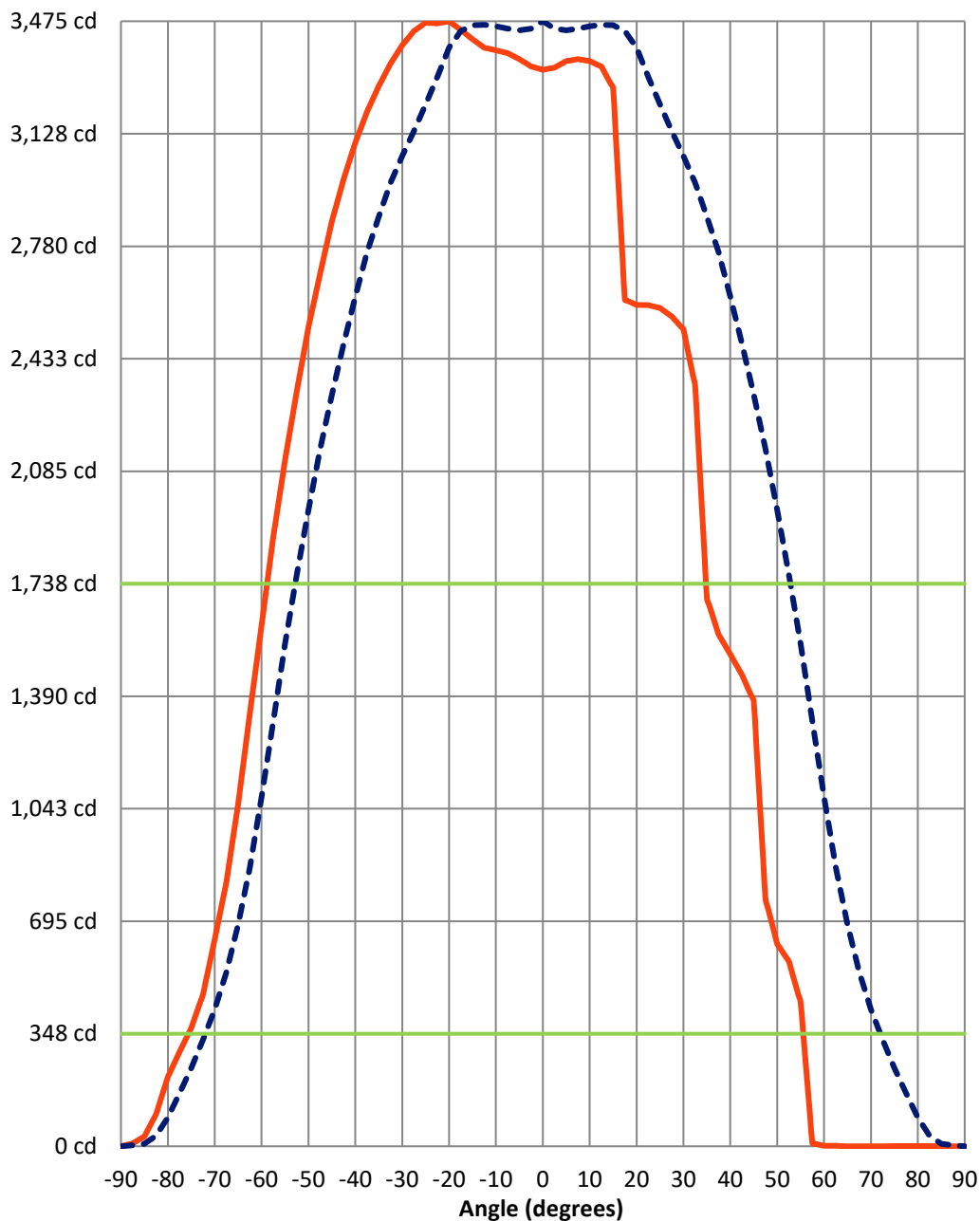
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 6370.8
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 7987.6
 Efficiency: 98.0%

Spill:
 Lumens: 161.8
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -20-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.3
85°	0.0	0.2	0.3	0.4	0.5	0.6	0.8	0.8	0.8	0.7	0.6
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.2	1.1	0.9	0.7
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.3	1.1	0.9	0.7
77.5°	0.0	0.4	0.7	1.0	1.3	1.5	1.5	1.3	1.1	0.9	0.7
75°	0.0	0.5	0.8	1.2	1.5	1.6	1.5	1.3	1.2	1.0	0.8
72.5°	0.0	0.6	0.9	1.3	1.6	1.6	1.5	1.4	1.2	1.0	0.8
70°	0.0	0.6	1.1	1.5	1.6	1.7	1.6	1.4	1.2	1.0	1.2
67.5°	0.0	0.7	1.2	1.6	1.7	1.7	1.8	1.4	1.2	1.6	1.7
65°	0.0	0.8	1.3	1.7	1.8	2.0	2.0	1.4	2.0	2.3	2.9
62.5°	0.0	0.9	1.5	1.7	1.9	2.5	2.3	2.0	2.8	4.1	6.5
60°	0.0	0.9	1.6	1.8	1.9	3.0	2.8	2.8	3.6	10.3	11.2
57.5°	0.0	1.0	1.7	1.9	2.5	3.6	5.1	4.0	10.1	17.5	20.3
55°	0.0	1.1	1.7	1.9	3.1	4.2	8.1	6.4	18.7	27.0	32.9
52.5°	0.0	1.2	1.8	2.0	3.8	5.4	11.6	16.3	28.1	42.4	47.8
50°	0.0	1.2	1.9	2.1	4.5	9.2	15.7	27.5	40.1	59.5	74.6
47.5°	0.0	1.3	2.0	2.3	5.2	13.3	21.1	39.2	57.9	78.4	102.0
45°	0.0	1.4	2.1	2.9	5.9	17.7	31.8	51.5	77.7	102.1	128.6
42.5°	0.0	1.4	2.2	3.4	6.7	22.4	42.7	67.1	97.9	125.2	159.3
40°	0.0	1.5	2.3	4.2	9.0	27.3	53.9	84.8	118.7	147.9	192.2
37.5°	0.0	1.6	2.4	5.1	12.9	32.5	65.4	102.6	140.5	175.2	226.5
35°	0.0	1.6	2.5	6.1	16.8	40.4	77.0	120.4	162.6	208.7	267.1
32.5°	0.0	1.7	2.6	7.1	20.8	49.5	89.5	138.1	185.0	242.4	316.4
30°	0.0	1.8	2.7	8.3	24.8	58.6	103.9	156.0	207.6	276.2	363.8
27.5°	0.0	1.8	2.8	9.6	29.8	67.6	118.0	174.6	232.4	309.9	409.0
25°	0.0	1.9	2.8	10.9	34.8	76.4	131.8	193.0	260.4	346.8	452.2
22.5°	0.0	1.9	2.9	12.3	39.9	85.4	145.2	211.1	287.9	383.6	495.8
20°	0.0	2.0	3.0	13.7	44.9	95.1	158.1	228.8	314.7	418.3	538.4
17.5°	0.0	2.0	3.1	15.1	49.8	104.5	170.9	246.1	340.6	450.9	579.7
15°	0.0	2.0	3.2	16.6	54.7	113.4	183.1	262.1	365.5	481.4	619.3
12.5°	0.0	2.1	3.3	18.0	59.3	122.0	194.6	276.3	385.3	509.5	657.0
10°	0.0	2.1	3.4	19.5	63.8	130.1	205.2	289.5	400.2	526.4	687.7
7.5°	0.0	2.1	3.5	20.8	68.0	137.7	215.0	301.5	412.8	539.5	705.6
5°	0.0	2.2	3.6	22.1	71.9	144.6	223.9	312.3	423.3	550.0	720.2
2.5°	0.0	2.2	3.6	23.4	75.5	151.0	231.9	321.9	431.8	558.2	731.4
0°	0.0	2.2	3.7	24.5	78.7	156.6	238.9	330.2	438.5	563.9	739.0
-2.5°	0.0	2.3	4.3	26.1	81.7	160.2	242.4	335.1	440.9	571.2	744.0
-5°	0.0	2.5	4.9	27.6	84.2	163.0	245.0	338.6	441.7	575.9	745.6
-7.5°	0.0	2.6	5.4	28.9	86.3	165.0	246.6	340.9	441.1	577.8	744.0
-10°	0.0	2.7	5.9	30.0	87.9	166.3	247.3	341.7	439.2	576.7	739.2
-12.5°	0.0	2.8	6.5	31.0	88.9	166.8	247.2	341.1	436.2	572.0	731.1
-15°	0.0	2.9	6.9	31.7	89.4	166.6	246.2	339.1	432.7	563.0	719.3
-17.5°	0.0	3.0	7.4	32.3	89.3	165.6	244.5	335.0	428.5	551.6	704.0
-20°	0.0	3.0	7.8	32.6	88.7	163.8	241.7	329.2	422.6	538.1	685.1



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 CATALOG NUMBER: GFLD-SA2E-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.1	8.2	32.7	87.4	161.3	237.6	322.2	414.8	522.5	662.7
-25°	0.0	3.1	8.5	32.6	85.6	157.4	232.6	314.0	405.1	505.0	636.7
-27.5°	0.0	3.2	8.8	32.2	83.1	152.6	226.7	304.8	393.6	488.0	613.7
-30°	0.0	3.2	9.0	31.5	80.0	147.1	219.9	294.5	381.1	473.7	589.1
-32.5°	0.0	3.2	9.2	30.6	76.3	140.9	212.1	284.9	367.7	457.1	562.8
-35°	0.0	3.2	9.3	29.4	72.3	134.1	203.8	274.9	353.3	438.3	534.9
-37.5°	0.0	3.2	9.4	27.9	67.8	127.3	194.7	263.8	337.9	417.3	507.4
-40°	0.0	3.2	9.4	26.2	63.0	121.1	185.0	251.7	321.5	397.4	480.2
-42.5°	0.0	3.1	9.3	24.3	59.3	114.5	174.6	238.5	305.6	376.4	450.9
-45°	0.0	3.1	9.2	22.4	56.8	107.5	163.6	224.9	289.4	354.1	420.6
-47.5°	0.0	3.0	9.1	20.2	53.8	100.0	151.9	211.3	272.0	330.7	394.4
-50°	0.0	2.9	8.8	19.5	50.4	92.2	142.2	197.0	252.8	309.1	366.9
-52.5°	0.0	2.8	8.6	19.1	46.6	83.9	132.4	182.0	234.4	286.9	338.7
-55°	0.0	2.7	8.2	18.5	42.3	77.7	122.3	166.9	215.9	264.2	313.7
-57.5°	0.0	2.5	7.8	17.7	37.7	71.4	111.7	154.9	196.9	242.3	288.1
-60°	0.0	2.4	7.4	16.7	32.8	64.5	101.1	141.6	177.8	220.3	262.5
-62.5°	0.0	2.2	6.9	15.5	30.5	57.1	91.3	127.2	160.1	197.6	237.5
-65°	0.0	2.1	6.5	14.2	27.8	49.1	80.9	112.2	141.4	174.9	211.9
-67.5°	0.0	1.9	5.9	12.7	24.8	42.4	69.7	97.4	121.7	151.1	184.2
-70°	0.0	1.7	5.4	11.0	21.6	37.1	58.0	82.1	104.0	126.3	154.8
-72.5°	0.0	1.5	4.8	9.7	18.1	31.4	49.1	66.6	86.0	105.8	125.7
-75°	0.0	1.3	4.1	8.4	14.4	25.4	40.1	53.7	67.7	84.9	102.3
-77.5°	0.0	1.1	3.5	7.1	11.9	19.0	30.7	41.5	52.7	64.8	78.6
-80°	0.0	0.9	2.8	5.7	9.6	14.5	20.9	29.0	37.7	47.1	57.2
-82.5°	0.0	0.7	2.1	4.3	7.3	11.0	15.4	18.6	22.5	29.1	36.3
-85°	0.0	0.5	1.4	2.9	4.9	7.3	10.3	12.5	14.7	17.0	19.4
-87.5°	0.0	0.2	0.7	1.5	2.4	3.7	5.2	6.2	7.3	8.5	9.7
-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: P645391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
85°	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.8	0.9	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	1.2	1.2	1.0	0.8	0.7	0.7	0.8	0.8	0.7	0.7	0.7
67.5°	1.4	1.3	1.1	1.0	1.0	1.1	1.1	0.9	0.7	0.7	0.7
65°	1.5	1.3	1.8	2.1	1.6	1.3	1.1	0.9	1.0	1.0	1.1
62.5°	2.2	2.8	3.6	6.3	4.7	1.4	2.4	2.9	2.1	1.8	1.9
60°	7.3	4.9	14.6	21.0	13.1	4.8	5.8	19.4	16.8	3.1	10.5
57.5°	15.3	20.9	38.5	39.2	27.1	18.7	54.4	62.9	47.6	27.7	42.4
55°	33.6	51.5	63.8	59.1	64.5	97.7	116.1	104.4	87.8	135.1	172.6
52.5°	65.5	83.9	88.1	101.1	144.7	166.3	159.4	170.4	221.0	274.4	286.1
50°	96.7	111.8	123.5	178.5	212.7	214.9	230.7	280.8	348.3	381.0	373.1
47.5°	126.9	142.5	197.0	249.9	265.3	286.3	325.9	422.6	494.1	495.5	487.4
45°	158.8	200.4	270.0	304.5	329.4	370.0	465.7	599.2	606.1	625.5	744.7
42.5°	193.0	265.8	326.5	362.4	402.6	478.4	606.1	693.7	723.8	808.7	904.6
40°	248.2	328.9	382.0	427.9	479.6	590.2	730.1	812.1	836.6	910.0	982.1
37.5°	304.3	381.7	441.2	496.5	568.1	717.4	879.3	946.9	959.3	972.7	1132.5
35°	358.3	435.8	507.0	579.4	667.2	882.2	1023.6	1087.2	1085.3	1176.0	1343.3
32.5°	408.8	491.1	575.1	672.0	816.9	1037.1	1178.6	1216.7	1274.5	1406.5	1634.8
30°	459.2	552.8	649.3	764.6	948.3	1139.1	1300.7	1362.0	1461.0	1611.5	1777.7
27.5°	511.1	616.0	732.7	867.9	1051.9	1227.4	1365.4	1511.8	1607.9	1742.9	1861.1
25°	562.8	683.0	815.1	958.2	1126.0	1289.5	1432.3	1601.4	1704.6	1813.4	1923.7
22.5°	617.0	750.9	900.0	1029.8	1188.5	1342.4	1512.3	1695.7	1829.9	1899.1	1973.1
20°	673.8	824.3	983.4	1127.1	1250.1	1391.5	1592.7	1815.5	1988.8	2066.6	2076.7
17.5°	729.6	895.5	1066.5	1222.1	1354.8	1480.6	1677.1	1959.0	2174.5	2246.8	2279.0
15°	784.1	963.9	1149.2	1314.5	1460.2	1614.1	1823.8	2110.6	2356.9	2436.9	2487.6
12.5°	836.7	1029.2	1230.6	1403.9	1565.7	1738.3	1957.1	2219.6	2444.4	2599.3	2692.2
10°	886.8	1090.8	1309.5	1489.7	1670.0	1853.5	2067.4	2300.8	2483.8	2633.2	2765.1
7.5°	912.1	1131.1	1377.3	1571.3	1771.7	1960.0	2157.7	2358.1	2512.2	2658.7	2786.2
5°	929.3	1147.7	1398.5	1599.8	1825.7	2031.0	2223.0	2395.7	2530.8	2675.9	2800.4
2.5°	941.6	1158.4	1412.9	1615.4	1846.0	2052.8	2241.8	2408.3	2546.1	2688.3	2815.8
0°	949.0	1163.5	1420.2	1625.0	1858.7	2067.2	2252.7	2413.0	2556.2	2694.2	2831.5
-2.5°	953.2	1179.1	1425.1	1649.6	1871.0	2079.6	2268.0	2424.5	2574.1	2705.4	2843.0
-5°	952.7	1188.3	1423.8	1666.1	1876.9	2084.4	2275.7	2429.7	2583.8	2713.8	2847.7
-7.5°	947.5	1190.5	1417.4	1671.3	1877.1	2082.8	2272.3	2432.2	2583.7	2721.5	2848.2
-10°	938.3	1182.1	1411.4	1657.9	1869.9	2074.4	2262.1	2426.7	2577.6	2720.0	2845.7
-12.5°	927.4	1164.7	1399.1	1638.6	1855.3	2058.6	2246.5	2412.8	2566.4	2708.3	2840.0
-15°	911.1	1141.6	1378.7	1614.1	1833.0	2035.6	2226.2	2390.1	2549.0	2688.0	2823.2
-17.5°	889.2	1113.0	1350.1	1585.0	1803.0	2005.6	2200.3	2360.2	2518.3	2661.9	2792.4
-20°	861.5	1079.2	1313.0	1551.9	1764.9	1965.4	2154.0	2321.4	2478.5	2624.6	2761.7



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CATALOG NUMBER: GFLD-SA2E-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	828.1	1040.2	1268.2	1507.2	1717.4	1915.6	2101.9	2272.0	2434.8	2576.2	2722.3
-25°	794.7	999.1	1218.8	1445.5	1662.2	1859.6	2046.4	2212.2	2378.5	2525.5	2664.3
-27.5°	762.6	951.3	1161.4	1377.4	1599.6	1796.1	1981.3	2147.1	2308.6	2469.4	2603.0
-30°	726.6	896.0	1098.5	1304.8	1521.4	1721.4	1908.0	2080.1	2233.8	2392.5	2536.0
-32.5°	686.9	837.4	1032.0	1230.5	1434.7	1639.2	1824.0	1994.9	2154.8	2305.0	2455.6
-35°	648.1	790.1	961.6	1150.8	1342.9	1543.5	1728.5	1897.8	2063.7	2212.4	2356.4
-37.5°	613.1	738.8	886.7	1067.4	1251.1	1440.8	1628.9	1792.8	1950.7	2114.2	2254.6
-40°	575.4	683.8	821.9	981.6	1154.7	1335.1	1515.3	1684.8	1833.2	1994.8	2149.2
-42.5°	535.8	639.0	757.9	890.8	1054.2	1224.3	1398.2	1564.0	1718.1	1870.5	2023.5
-45°	501.2	591.5	692.8	814.2	947.3	1107.3	1271.9	1437.2	1585.1	1730.4	1881.4
-47.5°	464.3	543.8	637.5	734.5	850.1	983.9	1138.7	1291.2	1442.6	1580.8	1714.5
-50°	427.6	500.9	577.8	665.2	760.6	869.0	997.6	1139.3	1277.6	1419.6	1552.0
-52.5°	396.0	455.7	525.3	598.1	679.8	769.5	872.5	989.0	1114.7	1235.2	1367.3
-55°	363.2	417.1	473.2	537.3	605.3	681.0	765.4	863.3	959.2	1070.7	1178.5
-57.5°	333.2	378.7	426.5	479.5	538.5	599.1	672.9	749.0	836.1	922.7	1008.1
-60°	305.0	342.1	382.7	427.6	475.1	529.0	584.1	649.4	719.5	788.6	861.1
-62.5°	276.5	307.8	340.9	378.1	419.5	460.3	507.3	557.6	609.2	667.8	725.0
-65°	247.3	272.5	300.6	331.5	364.5	399.2	435.4	472.7	516.6	559.5	601.0
-67.5°	216.2	237.8	260.5	284.8	312.5	339.8	367.0	398.5	430.9	462.6	495.5
-70°	181.8	202.1	221.1	240.8	261.4	282.7	306.0	329.1	351.9	375.7	402.1
-72.5°	146.8	165.5	182.1	196.7	213.6	231.3	248.3	264.5	281.7	299.8	317.7
-75°	117.1	129.4	144.3	157.9	171.3	183.8	195.0	208.8	223.1	236.3	247.1
-77.5°	91.4	102.6	112.8	121.9	132.6	145.1	156.0	165.4	174.5	184.5	195.0
-80°	66.5	75.8	85.1	93.5	99.7	106.7	115.1	124.7	133.0	139.7	145.9
-82.5°	42.9	49.7	56.5	63.6	66.4	68.4	70.2	73.6	78.7	83.8	88.6
-85°	21.4	23.3	27.5	31.8	33.3	34.4	35.1	35.5	37.2	38.8	40.2
-87.5°	10.7	11.7	12.6	13.6	13.1	12.4	11.5	10.5	10.2	9.9	9.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.6	0.6	0.6	0.6	0.5	0.3	0.2	0.0	0.0	0.0
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.3
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
67.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.4
65°	1.0	1.0	1.1	1.0	0.9	0.8	0.9	0.9	0.8	0.6	0.4
62.5°	1.9	2.1	1.7	1.6	1.6	1.6	1.5	1.4	1.3	1.3	1.3
60°	11.6	6.8	4.0	4.7	4.2	2.8	3.6	4.2	4.2	3.9	3.4
57.5°	64.5	48.2	35.7	85.1	85.4	40.8	49.1	77.2	63.6	20.9	19.4
55°	179.4	214.6	282.4	268.3	272.6	313.6	342.4	303.1	297.2	316.6	365.8
52.5°	322.3	355.9	378.7	400.0	426.0	453.9	482.7	501.0	518.1	536.4	547.2
50°	411.6	458.9	491.3	479.4	546.6	574.1	546.2	571.2	601.6	610.0	613.9
47.5°	607.8	677.1	690.8	735.5	775.6	774.7	740.7	742.7	833.3	913.3	952.5
45°	873.5	875.9	919.4	998.3	1054.6	1036.9	1084.4	1192.5	1228.5	1263.3	1291.9
42.5°	977.0	1019.9	1089.4	1159.1	1201.2	1237.6	1272.8	1312.5	1359.3	1397.2	1427.5
40°	1077.3	1111.8	1183.0	1239.1	1273.9	1307.9	1349.0	1393.0	1435.8	1469.1	1491.8
37.5°	1231.5	1258.3	1275.6	1327.7	1393.5	1363.1	1441.0	1496.8	1522.3	1556.1	1559.2
35°	1464.9	1447.1	1424.0	1631.4	1643.8	1573.8	1646.6	1733.1	1687.5	1782.5	1833.6
32.5°	1671.8	1669.1	1850.2	1959.3	1896.5	1947.7	2115.6	2108.1	2220.0	2271.9	2257.1
30°	1866.7	1933.2	2037.9	2119.2	2130.0	2210.8	2285.3	2350.6	2418.2	2478.7	2482.8
27.5°	1965.7	2052.5	2123.6	2170.5	2223.0	2291.0	2358.6	2432.1	2489.5	2527.5	2536.8
25°	2025.5	2114.2	2168.0	2218.6	2276.5	2335.2	2410.9	2490.9	2537.0	2560.5	2567.9
22.5°	2078.3	2158.0	2215.8	2256.9	2319.2	2382.3	2452.8	2520.7	2570.8	2581.0	2584.7
20°	2129.1	2205.6	2302.3	2362.7	2359.7	2430.7	2498.8	2552.7	2594.5	2594.2	2595.2
17.5°	2276.0	2303.4	2478.8	2611.9	2546.0	2511.2	2698.3	2701.9	2712.9	2690.9	2643.0
15°	2493.6	2543.4	2758.9	2903.2	2857.8	2855.4	3125.6	3058.6	3116.2	3101.1	3166.1
12.5°	2724.1	2783.0	2944.0	3085.8	3153.3	3169.9	3260.2	3344.7	3362.1	3355.3	3342.5
10°	2881.1	2965.0	3029.7	3115.7	3183.8	3253.3	3305.6	3366.4	3386.2	3374.8	3358.5
7.5°	2901.5	2984.5	3060.4	3135.9	3200.7	3256.8	3311.0	3360.5	3380.7	3374.0	3362.9
5°	2914.5	2989.7	3063.3	3139.9	3201.9	3253.8	3307.9	3357.9	3369.9	3361.9	3351.0
2.5°	2922.6	2992.1	3063.0	3139.3	3195.7	3245.1	3299.8	3353.2	3353.2	3349.6	3343.3
0°	2926.5	2996.2	3078.6	3147.6	3210.6	3257.4	3311.5	3363.5	3359.8	3350.1	3339.0
-2.5°	2934.8	3005.4	3089.5	3146.7	3217.8	3260.6	3316.6	3361.6	3359.9	3355.1	3349.6
-5°	2942.2	3021.7	3100.3	3160.5	3231.7	3287.7	3343.4	3378.6	3380.5	3373.8	3364.6
-7.5°	2946.7	3034.9	3109.9	3170.3	3239.4	3304.5	3360.9	3397.9	3398.7	3389.9	3378.8
-10°	2945.2	3038.3	3115.5	3177.9	3248.7	3313.0	3372.0	3418.8	3417.3	3409.0	3399.5
-12.5°	2939.7	3032.6	3111.9	3174.5	3254.9	3321.1	3387.4	3434.0	3436.5	3430.3	3420.0
-15°	2927.5	3023.4	3100.5	3168.9	3247.7	3325.1	3393.3	3444.6	3453.8	3448.7	3440.5
-17.5°	2903.3	3004.5	3086.3	3160.0	3235.6	3318.1	3395.6	3451.8	3464.4	3462.3	3455.5
-20°	2871.5	2976.0	3059.0	3136.3	3218.5	3303.5	3393.8	3445.1	3463.3	3464.4	3459.9



REPORT NUMBER: P645391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2835.9	2938.2	3026.3	3102.2	3191.4	3277.4	3359.1	3419.3	3449.8	3455.5	3455.9
-25°	2793.2	2898.3	2985.8	3066.6	3149.6	3238.5	3321.0	3388.2	3419.1	3433.9	3438.5
-27.5°	2732.8	2841.4	2927.6	3013.0	3097.4	3189.2	3276.0	3348.9	3374.1	3394.4	3402.6
-30°	2662.0	2769.5	2857.3	2935.4	3032.0	3125.5	3215.1	3278.8	3316.7	3340.0	3352.7
-32.5°	2580.7	2689.1	2781.4	2862.9	2954.7	3048.2	3132.5	3199.6	3252.0	3278.8	3292.4
-35°	2492.6	2603.2	2699.7	2785.6	2872.1	2961.3	3048.6	3118.8	3178.5	3201.5	3218.5
-37.5°	2386.2	2508.3	2607.2	2695.8	2777.9	2861.8	2952.7	3033.0	3090.9	3113.3	3131.2
-40°	2277.1	2395.1	2494.9	2589.4	2670.5	2762.1	2849.7	2933.9	2984.1	3010.2	3030.5
-42.5°	2161.9	2268.5	2363.4	2455.2	2545.6	2639.8	2727.4	2814.8	2858.3	2889.8	2914.7
-45°	2028.9	2128.2	2220.4	2306.3	2399.5	2492.1	2579.7	2657.0	2708.8	2749.7	2781.5
-47.5°	1851.7	1972.6	2065.2	2146.9	2239.3	2328.7	2413.6	2486.2	2543.0	2590.8	2627.8
-50°	1671.7	1787.7	1892.1	1983.9	2069.7	2152.3	2233.2	2304.2	2364.2	2416.1	2453.6
-52.5°	1494.5	1603.1	1706.7	1801.5	1883.9	1961.9	2035.9	2107.4	2170.7	2226.2	2262.4
-55°	1294.2	1406.7	1509.2	1597.6	1679.9	1757.0	1830.0	1897.9	1960.2	2016.7	2051.4
-57.5°	1106.3	1205.0	1300.4	1381.9	1459.7	1533.1	1602.3	1667.3	1727.2	1780.4	1813.9
-60°	933.5	1005.5	1087.6	1162.9	1231.8	1294.3	1358.9	1419.4	1474.6	1521.3	1552.5
-62.5°	780.9	840.5	899.8	957.1	1013.0	1069.1	1123.2	1173.4	1219.4	1257.7	1285.1
-65°	644.8	692.8	735.6	776.2	814.9	859.2	900.3	939.0	974.8	1004.2	1025.0
-67.5°	531.0	564.7	594.3	622.1	652.7	683.9	713.3	738.8	760.7	778.1	791.8
-70°	428.2	453.0	475.3	497.5	519.8	540.2	559.6	578.4	596.2	610.8	621.7
-72.5°	335.3	352.3	367.5	384.6	400.6	416.0	429.5	440.3	448.7	457.0	464.1
-75°	255.7	268.4	285.5	300.0	312.0	322.6	332.3	341.0	348.6	355.3	361.2
-77.5°	205.6	216.4	227.4	237.9	248.2	255.8	262.8	269.9	276.8	282.8	288.1
-80°	152.4	160.5	168.9	177.4	185.8	190.0	193.4	196.5	199.3	202.8	206.2
-82.5°	93.2	97.7	102.4	107.2	112.0	113.1	113.5	113.4	112.8	111.5	109.5
-85°	41.4	41.7	41.6	41.1	40.3	38.7	36.7	34.4	31.8	31.3	30.9
-87.5°	9.1	8.9	8.7	8.4	8.1	8.1	8.0	8.0	7.9	8.2	8.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
85°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.4	0.0	0.4	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.4	0.0	0.4	0.7	0.7	0.7	0.7	0.7	0.7
67.5°	0.3	0.1	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.7	0.7
65°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.9
62.5°	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.4
60°	2.7	1.8	1.5	1.5	1.5	1.8	2.7	3.4	3.9	4.2	4.2
57.5°	16.4	12.2	10.4	9.6	10.4	12.2	16.4	19.4	20.9	63.6	77.2
55°	401.0	421.4	436.7	443.7	436.7	421.4	401.0	365.8	316.6	297.2	303.1
52.5°	556.8	565.6	570.8	570.6	570.8	565.6	556.8	547.2	536.4	518.1	501.0
50°	620.6	624.9	626.5	625.5	626.5	624.9	620.6	613.9	610.0	601.6	571.2
47.5°	916.7	837.3	779.0	765.0	779.0	837.3	916.7	952.5	913.3	833.3	742.7
45°	1305.5	1335.6	1365.6	1374.9	1365.6	1335.6	1305.5	1291.9	1263.3	1228.5	1192.5
42.5°	1440.2	1450.0	1455.6	1455.8	1455.6	1450.0	1440.2	1427.5	1397.2	1359.3	1312.5
40°	1504.5	1513.7	1519.1	1519.6	1519.1	1513.7	1504.5	1491.8	1469.1	1435.8	1393.0
37.5°	1562.9	1570.8	1576.0	1581.2	1576.0	1570.8	1562.9	1559.2	1556.1	1522.3	1496.8
35°	1826.7	1767.0	1681.0	1694.0	1681.0	1767.0	1826.7	1833.6	1782.5	1687.5	1733.1
32.5°	2280.2	2305.3	2321.0	2347.7	2321.0	2305.3	2280.2	2257.1	2271.9	2220.0	2108.1
30°	2489.5	2497.8	2510.4	2523.5	2510.4	2497.8	2489.5	2482.8	2478.7	2418.2	2350.6
27.5°	2541.7	2550.3	2557.9	2563.6	2557.9	2550.3	2541.7	2536.8	2527.5	2489.5	2432.1
25°	2569.0	2574.4	2582.5	2589.6	2582.5	2574.4	2569.0	2567.9	2560.5	2537.0	2490.9
22.5°	2582.6	2583.1	2589.5	2598.5	2589.5	2583.1	2582.6	2584.7	2581.0	2570.8	2520.7
20°	2591.9	2586.9	2593.4	2599.2	2593.4	2586.9	2591.9	2595.2	2594.2	2594.5	2552.7
17.5°	2710.5	2642.9	2615.0	2615.6	2615.0	2642.9	2710.5	2643.0	2690.9	2712.9	2701.9
15°	3093.2	3118.6	3215.9	3268.5	3215.9	3118.6	3093.2	3166.1	3101.1	3116.2	3058.6
12.5°	3340.1	3331.1	3319.5	3335.3	3319.5	3331.1	3340.1	3342.5	3355.3	3362.1	3344.7
10°	3351.6	3350.5	3330.0	3352.4	3330.0	3350.5	3351.6	3358.5	3374.8	3386.2	3366.4
7.5°	3344.6	3345.2	3336.4	3358.3	3336.4	3345.2	3344.6	3362.9	3374.0	3380.7	3360.5
5°	3349.2	3334.1	3339.8	3352.4	3339.8	3334.1	3349.2	3351.0	3361.9	3369.9	3357.9
2.5°	3336.2	3334.7	3323.6	3332.3	3323.6	3334.7	3336.2	3343.3	3349.6	3353.2	3353.2
0°	3326.4	3318.2	3318.2	3325.6	3318.2	3318.2	3326.4	3339.0	3350.1	3359.8	3363.5
-2.5°	3343.9	3342.2	3341.2	3336.0	3341.2	3342.2	3343.9	3349.6	3355.1	3359.9	3361.6
-5°	3358.4	3354.0	3341.8	3358.3	3341.8	3354.0	3358.4	3364.6	3373.8	3380.5	3378.6
-7.5°	3373.9	3362.6	3351.1	3376.8	3351.1	3362.6	3373.9	3378.8	3389.9	3398.7	3397.9
-10°	3388.0	3371.8	3360.5	3385.7	3360.5	3371.8	3388.0	3399.5	3409.0	3417.3	3418.8
-12.5°	3406.8	3387.7	3380.2	3393.9	3380.2	3387.7	3406.8	3420.0	3430.3	3436.5	3434.0
-15°	3426.8	3413.6	3411.8	3419.9	3411.8	3413.6	3426.8	3440.5	3448.7	3453.8	3444.6
-17.5°	3444.3	3435.1	3439.7	3448.8	3439.7	3435.1	3444.3	3455.5	3462.3	3464.4	3451.8
-20°	3452.7	3447.5	3452.7	3475.5	3452.7	3447.5	3452.7	3459.9	3464.4	3463.3	3445.1



REPORT NUMBER: P645391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3452.0	3452.3	3461.4	3468.9	3461.4	3452.3	3452.0	3455.9	3455.5	3449.8	3419.3
-25°	3438.8	3445.8	3456.2	3471.1	3456.2	3445.8	3438.8	3438.5	3433.9	3419.1	3388.2
-27.5°	3407.1	3418.6	3429.5	3445.1	3429.5	3418.6	3407.1	3402.6	3394.4	3374.1	3348.9
-30°	3361.1	3374.8	3384.5	3401.3	3384.5	3374.8	3361.1	3352.7	3340.0	3316.7	3278.8
-32.5°	3305.2	3320.7	3332.2	3344.2	3332.2	3320.7	3305.2	3292.4	3278.8	3252.0	3199.6
-35°	3235.3	3252.0	3264.2	3275.2	3264.2	3252.0	3235.3	3218.5	3201.5	3178.5	3118.8
-37.5°	3151.4	3169.4	3183.3	3195.8	3183.3	3169.4	3151.4	3131.2	3113.3	3090.9	3033.0
-40°	3053.6	3072.0	3086.9	3100.8	3086.9	3072.0	3053.6	3030.5	3010.2	2984.1	2933.9
-42.5°	2939.3	2957.9	2973.2	2987.3	2973.2	2957.9	2939.3	2914.7	2889.8	2858.3	2814.8
-45°	2807.2	2826.4	2842.5	2857.4	2842.5	2826.4	2807.2	2781.5	2749.7	2708.8	2657.0
-47.5°	2655.1	2675.6	2689.4	2696.4	2689.4	2675.6	2655.1	2627.8	2590.8	2543.0	2486.2
-50°	2480.8	2501.3	2517.9	2530.2	2517.9	2501.3	2480.8	2453.6	2416.1	2364.2	2304.2
-52.5°	2288.8	2308.4	2322.7	2331.4	2322.7	2308.4	2288.8	2262.4	2226.2	2170.7	2107.4
-55°	2078.7	2099.2	2112.8	2119.2	2112.8	2099.2	2078.7	2051.4	2016.7	1960.2	1897.9
-57.5°	1840.4	1859.8	1874.3	1882.5	1874.3	1859.8	1840.4	1813.9	1780.4	1727.2	1667.3
-60°	1576.8	1594.2	1605.1	1609.4	1605.1	1594.2	1576.8	1552.5	1521.3	1474.6	1419.4
-62.5°	1307.1	1323.5	1333.8	1337.8	1333.8	1323.5	1307.1	1285.1	1257.7	1219.4	1173.4
-65°	1040.5	1050.8	1056.5	1057.4	1056.5	1050.8	1040.5	1025.0	1004.2	974.8	939.0
-67.5°	802.7	810.5	815.3	816.9	815.3	810.5	802.7	791.8	778.1	760.7	738.8
-70°	629.8	635.2	638.3	638.9	638.3	635.2	629.8	621.7	610.8	596.2	578.4
-72.5°	469.6	473.5	472.1	468.9	472.1	473.5	469.6	464.1	457.0	448.7	440.3
-75°	366.4	370.6	368.8	365.8	368.8	370.6	366.4	361.2	355.3	348.6	341.0
-77.5°	292.7	296.6	294.6	291.6	294.6	296.6	292.7	288.1	282.8	276.8	269.9
-80°	209.0	211.3	212.9	213.7	212.9	211.3	209.0	206.2	202.8	199.3	196.5
-82.5°	107.0	103.8	101.8	99.4	101.8	103.8	107.0	109.5	111.5	112.8	113.4
-85°	30.3	29.5	30.0	30.4	30.0	29.5	30.3	30.9	31.3	31.8	34.4
-87.5°	8.6	8.9	8.9	8.9	8.9	8.9	8.6	8.4	8.2	7.9	8.0
-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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 CATALOG NUMBER: GFLD-SA2E-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8
67.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.9
65°	0.9	0.8	0.9	1.0	1.1	1.0	1.0	1.1	1.0	1.0	0.9
62.5°	1.5	1.6	1.6	1.6	1.7	2.1	1.9	1.9	1.8	2.1	2.9
60°	3.6	2.8	4.2	4.7	4.0	6.8	11.6	10.5	3.1	16.8	19.4
57.5°	49.1	40.8	85.4	85.1	35.7	48.2	64.5	42.4	27.7	47.6	62.9
55°	342.4	313.6	272.6	268.3	282.4	214.6	179.4	172.6	135.1	87.8	104.4
52.5°	482.7	453.9	426.0	400.0	378.7	355.9	322.3	286.1	274.4	221.0	170.4
50°	546.2	574.1	546.6	479.4	491.3	458.9	411.6	373.1	381.0	348.3	280.8
47.5°	740.7	774.7	775.6	735.5	690.8	677.1	607.8	487.4	495.5	494.1	422.6
45°	1084.4	1036.9	1054.6	998.3	919.4	875.9	873.5	744.7	625.5	606.1	599.2
42.5°	1272.8	1237.6	1201.2	1159.1	1089.4	1019.9	977.0	904.6	808.7	723.8	693.7
40°	1349.0	1307.9	1273.9	1239.1	1183.0	1111.8	1077.3	982.1	910.0	836.6	812.1
37.5°	1441.0	1363.1	1393.5	1327.7	1275.6	1258.3	1231.5	1132.5	972.7	959.3	946.9
35°	1646.6	1573.8	1643.8	1631.4	1424.0	1447.1	1464.9	1343.3	1176.0	1085.3	1087.2
32.5°	2115.6	1947.7	1896.5	1959.3	1850.2	1669.1	1671.8	1634.8	1406.5	1274.5	1216.7
30°	2285.3	2210.8	2130.0	2119.2	2037.9	1933.2	1866.7	1777.7	1611.5	1461.0	1362.0
27.5°	2358.6	2291.0	2223.0	2170.5	2123.6	2052.5	1965.7	1861.1	1742.9	1607.9	1511.8
25°	2410.9	2335.2	2276.5	2218.6	2168.0	2114.2	2025.5	1923.7	1813.4	1704.6	1601.4
22.5°	2452.8	2382.3	2319.2	2256.9	2215.8	2158.0	2078.3	1973.1	1899.1	1829.9	1695.7
20°	2498.8	2430.7	2359.7	2362.7	2302.3	2205.6	2129.1	2076.7	2066.6	1988.8	1815.5
17.5°	2698.3	2511.2	2546.0	2611.9	2478.8	2303.4	2276.0	2279.0	2246.8	2174.5	1959.0
15°	3125.6	2855.4	2857.8	2903.2	2758.9	2543.4	2493.6	2487.6	2436.9	2356.9	2110.6
12.5°	3260.2	3169.9	3153.3	3085.8	2944.0	2783.0	2724.1	2692.2	2599.3	2444.4	2219.6
10°	3305.6	3253.3	3183.8	3115.7	3029.7	2965.0	2881.1	2765.1	2633.2	2483.8	2300.8
7.5°	3311.0	3256.8	3200.7	3135.9	3060.4	2984.5	2901.5	2786.2	2658.7	2512.2	2358.1
5°	3307.9	3253.8	3201.9	3139.9	3063.3	2989.7	2914.5	2800.4	2675.9	2530.8	2395.7
2.5°	3299.8	3245.1	3195.7	3139.3	3063.0	2992.1	2922.6	2815.8	2688.3	2546.1	2408.3
0°	3311.5	3257.4	3210.6	3147.6	3078.6	2996.2	2926.5	2831.5	2694.2	2556.2	2413.0
-2.5°	3316.6	3260.6	3217.8	3146.7	3089.5	3005.4	2934.8	2843.0	2705.4	2574.1	2424.5
-5°	3343.4	3287.7	3231.7	3160.5	3100.3	3021.7	2942.2	2847.7	2713.8	2583.8	2429.7
-7.5°	3360.9	3304.5	3239.4	3170.3	3109.9	3034.9	2946.7	2848.2	2721.5	2583.7	2432.2
-10°	3372.0	3313.0	3248.7	3177.9	3115.5	3038.3	2945.2	2845.7	2720.0	2577.6	2426.7
-12.5°	3387.4	3321.1	3254.9	3174.5	3111.9	3032.6	2939.7	2840.0	2708.3	2566.4	2412.8
-15°	3393.3	3325.1	3247.7	3168.9	3100.5	3023.4	2927.5	2823.2	2688.0	2549.0	2390.1
-17.5°	3395.6	3318.1	3235.6	3160.0	3086.3	3004.5	2903.3	2792.4	2661.9	2518.3	2360.2
-20°	3393.8	3303.5	3218.5	3136.3	3059.0	2976.0	2871.5	2761.7	2624.6	2478.5	2321.4



REPORT NUMBER: P645391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3359.1	3277.4	3191.4	3102.2	3026.3	2938.2	2835.9	2722.3	2576.2	2434.8	2272.0
-25°	3321.0	3238.5	3149.6	3066.6	2985.8	2898.3	2793.2	2664.3	2525.5	2378.5	2212.2
-27.5°	3276.0	3189.2	3097.4	3013.0	2927.6	2841.4	2732.8	2603.0	2469.4	2308.6	2147.1
-30°	3215.1	3125.5	3032.0	2935.4	2857.3	2769.5	2662.0	2536.0	2392.5	2233.8	2080.1
-32.5°	3132.5	3048.2	2954.7	2862.9	2781.4	2689.1	2580.7	2455.6	2305.0	2154.8	1994.9
-35°	3048.6	2961.3	2872.1	2785.6	2699.7	2603.2	2492.6	2356.4	2212.4	2063.7	1897.8
-37.5°	2952.7	2861.8	2777.9	2695.8	2607.2	2508.3	2386.2	2254.6	2114.2	1950.7	1792.8
-40°	2849.7	2762.1	2670.5	2589.4	2494.9	2395.1	2277.1	2149.2	1994.8	1833.2	1684.8
-42.5°	2727.4	2639.8	2545.6	2455.2	2363.4	2268.5	2161.9	2023.5	1870.5	1718.1	1564.0
-45°	2579.7	2492.1	2399.5	2306.3	2220.4	2128.2	2028.9	1881.4	1730.4	1585.1	1437.2
-47.5°	2413.6	2328.7	2239.3	2146.9	2065.2	1972.6	1851.7	1714.5	1580.8	1442.6	1291.2
-50°	2233.2	2152.3	2069.7	1983.9	1892.1	1787.7	1671.7	1552.0	1419.6	1277.6	1139.3
-52.5°	2035.9	1961.9	1883.9	1801.5	1706.7	1603.1	1494.5	1367.3	1235.2	1114.7	989.0
-55°	1830.0	1757.0	1679.9	1597.6	1509.2	1406.7	1294.2	1178.5	1070.7	959.2	863.3
-57.5°	1602.3	1533.1	1459.7	1381.9	1300.4	1205.0	1106.3	1008.1	922.7	836.1	749.0
-60°	1358.9	1294.3	1231.8	1162.9	1087.6	1005.5	933.5	861.1	788.6	719.5	649.4
-62.5°	1123.2	1069.1	1013.0	957.1	899.8	840.5	780.9	725.0	667.8	609.2	557.6
-65°	900.3	859.2	814.9	776.2	735.6	692.8	644.8	601.0	559.5	516.6	472.7
-67.5°	713.3	683.9	652.7	622.1	594.3	564.7	531.0	495.5	462.6	430.9	398.5
-70°	559.6	540.2	519.8	497.5	475.3	453.0	428.2	402.1	375.7	351.9	329.1
-72.5°	429.5	416.0	400.6	384.6	367.5	352.3	335.3	317.7	299.8	281.7	264.5
-75°	332.3	322.6	312.0	300.0	285.5	268.4	255.7	247.1	236.3	223.1	208.8
-77.5°	262.8	255.8	248.2	237.9	227.4	216.4	205.6	195.0	184.5	174.5	165.4
-80°	193.4	190.0	185.8	177.4	168.9	160.5	152.4	145.9	139.7	133.0	124.7
-82.5°	113.5	113.1	112.0	107.2	102.4	97.7	93.2	88.6	83.8	78.7	73.6
-85°	36.7	38.7	40.3	41.1	41.6	41.7	41.4	40.2	38.8	37.2	35.5
-87.5°	8.0	8.1	8.1	8.4	8.7	8.9	9.1	9.5	9.9	10.2	10.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.8	0.8
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	1.1	1.2
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	1.1	1.3
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	1.1	1.3
75°	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.8	1.0	1.2	1.3
72.5°	0.7	0.7	0.7	0.8	0.9	0.9	0.8	0.8	1.0	1.2	1.4
70°	0.8	0.7	0.7	0.8	1.0	1.2	1.2	1.2	1.0	1.2	1.4
67.5°	1.1	1.1	1.0	1.0	1.1	1.3	1.4	1.7	1.6	1.2	1.4
65°	1.1	1.3	1.6	2.1	1.8	1.3	1.5	2.9	2.3	2.0	1.4
62.5°	2.4	1.4	4.7	6.3	3.6	2.8	2.2	6.5	4.1	2.8	2.0
60°	5.8	4.8	13.1	21.0	14.6	4.9	7.3	11.2	10.3	3.6	2.8
57.5°	54.4	18.7	27.1	39.2	38.5	20.9	15.3	20.3	17.5	10.1	4.0
55°	116.1	97.7	64.5	59.1	63.8	51.5	33.6	32.9	27.0	18.7	6.4
52.5°	159.4	166.3	144.7	101.1	88.1	83.9	65.5	47.8	42.4	28.1	16.3
50°	230.7	214.9	212.7	178.5	123.5	111.8	96.7	74.6	59.5	40.1	27.5
47.5°	325.9	286.3	265.3	249.9	197.0	142.5	126.9	102.0	78.4	57.9	39.2
45°	465.7	370.0	329.4	304.5	270.0	200.4	158.8	128.6	102.1	77.7	51.5
42.5°	606.1	478.4	402.6	362.4	326.5	265.8	193.0	159.3	125.2	97.9	67.1
40°	730.1	590.2	479.6	427.9	382.0	328.9	248.2	192.2	147.9	118.7	84.8
37.5°	879.3	717.4	568.1	496.5	441.2	381.7	304.3	226.5	175.2	140.5	102.6
35°	1023.6	882.2	667.2	579.4	507.0	435.8	358.3	267.1	208.7	162.6	120.4
32.5°	1178.6	1037.1	816.9	672.0	575.1	491.1	408.8	316.4	242.4	185.0	138.1
30°	1300.7	1139.1	948.3	764.6	649.3	552.8	459.2	363.8	276.2	207.6	156.0
27.5°	1365.4	1227.4	1051.9	867.9	732.7	616.0	511.1	409.0	309.9	232.4	174.6
25°	1432.3	1289.5	1126.0	958.2	815.1	683.0	562.8	452.2	346.8	260.4	193.0
22.5°	1512.3	1342.4	1188.5	1029.8	900.0	750.9	617.0	495.8	383.6	287.9	211.1
20°	1592.7	1391.5	1250.1	1127.1	983.4	824.3	673.8	538.4	418.3	314.7	228.8
17.5°	1677.1	1480.6	1354.8	1222.1	1066.5	895.5	729.6	579.7	450.9	340.6	246.1
15°	1823.8	1614.1	1460.2	1314.5	1149.2	963.9	784.1	619.3	481.4	365.5	262.1
12.5°	1957.1	1738.3	1565.7	1403.9	1230.6	1029.2	836.7	657.0	509.5	385.3	276.3
10°	2067.4	1853.5	1670.0	1489.7	1309.5	1090.8	886.8	687.7	526.4	400.2	289.5
7.5°	2157.7	1960.0	1771.7	1571.3	1377.3	1131.1	912.1	705.6	539.5	412.8	301.5
5°	2223.0	2031.0	1825.7	1599.8	1398.5	1147.7	929.3	720.2	550.0	423.3	312.3
2.5°	2241.8	2052.8	1846.0	1615.4	1412.9	1158.4	941.6	731.4	558.2	431.8	321.9
0°	2252.7	2067.2	1858.7	1625.0	1420.2	1163.5	949.0	739.0	563.9	438.5	330.2
-2.5°	2268.0	2079.6	1871.0	1649.6	1425.1	1179.1	953.2	744.0	571.2	440.9	335.1
-5°	2275.7	2084.4	1876.9	1666.1	1423.8	1188.3	952.7	745.6	575.9	441.7	338.6
-7.5°	2272.3	2082.8	1877.1	1671.3	1417.4	1190.5	947.5	744.0	577.8	441.1	340.9
-10°	2262.1	2074.4	1869.9	1657.9	1411.4	1182.1	938.3	739.2	576.7	439.2	341.7
-12.5°	2246.5	2058.6	1855.3	1638.6	1399.1	1164.7	927.4	731.1	572.0	436.2	341.1
-15°	2226.2	2035.6	1833.0	1614.1	1378.7	1141.6	911.1	719.3	563.0	432.7	339.1
-17.5°	2200.3	2005.6	1803.0	1585.0	1350.1	1113.0	889.2	704.0	551.6	428.5	335.0
-20°	2154.0	1965.4	1764.9	1551.9	1313.0	1079.2	861.5	685.1	538.1	422.6	329.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2101.9	1915.6	1717.4	1507.2	1268.2	1040.2	828.1	662.7	522.5	414.8	322.2
-25°	2046.4	1859.6	1662.2	1445.5	1218.8	999.1	794.7	636.7	505.0	405.1	314.0
-27.5°	1981.3	1796.1	1599.6	1377.4	1161.4	951.3	762.6	613.7	488.0	393.6	304.8
-30°	1908.0	1721.4	1521.4	1304.8	1098.5	896.0	726.6	589.1	473.7	381.1	294.5
-32.5°	1824.0	1639.2	1434.7	1230.5	1032.0	837.4	686.9	562.8	457.1	367.7	284.9
-35°	1728.5	1543.5	1342.9	1150.8	961.6	790.1	648.1	534.9	438.3	353.3	274.9
-37.5°	1628.9	1440.8	1251.1	1067.4	886.7	738.8	613.1	507.4	417.3	337.9	263.8
-40°	1515.3	1335.1	1154.7	981.6	821.9	683.8	575.4	480.2	397.4	321.5	251.7
-42.5°	1398.2	1224.3	1054.2	890.8	757.9	639.0	535.8	450.9	376.4	305.6	238.5
-45°	1271.9	1107.3	947.3	814.2	692.8	591.5	501.2	420.6	354.1	289.4	224.9
-47.5°	1138.7	983.9	850.1	734.5	637.5	543.8	464.3	394.4	330.7	272.0	211.3
-50°	997.6	869.0	760.6	665.2	577.8	500.9	427.6	366.9	309.1	252.8	197.0
-52.5°	872.5	769.5	679.8	598.1	525.3	455.7	396.0	338.7	286.9	234.4	182.0
-55°	765.4	681.0	605.3	537.3	473.2	417.1	363.2	313.7	264.2	215.9	166.9
-57.5°	672.9	599.1	538.5	479.5	426.5	378.7	333.2	288.1	242.3	196.9	154.9
-60°	584.1	529.0	475.1	427.6	382.7	342.1	305.0	262.5	220.3	177.8	141.6
-62.5°	507.3	460.3	419.5	378.1	340.9	307.8	276.5	237.5	197.6	160.1	127.2
-65°	435.4	399.2	364.5	331.5	300.6	272.5	247.3	211.9	174.9	141.4	112.2
-67.5°	367.0	339.8	312.5	284.8	260.5	237.8	216.2	184.2	151.1	121.7	97.4
-70°	306.0	282.7	261.4	240.8	221.1	202.1	181.8	154.8	126.3	104.0	82.1
-72.5°	248.3	231.3	213.6	196.7	182.1	165.5	146.8	125.7	105.8	86.0	66.6
-75°	195.0	183.8	171.3	157.9	144.3	129.4	117.1	102.3	84.9	67.7	53.7
-77.5°	156.0	145.1	132.6	121.9	112.8	102.6	91.4	78.6	64.8	52.7	41.5
-80°	115.1	106.7	99.7	93.5	85.1	75.8	66.5	57.2	47.1	37.7	29.0
-82.5°	70.2	68.4	66.4	63.6	56.5	49.7	42.9	36.3	29.1	22.5	18.6
-85°	35.1	34.4	33.3	31.8	27.5	23.3	21.4	19.4	17.0	14.7	12.5
-87.5°	11.5	12.4	13.1	13.6	12.6	11.7	10.7	9.7	8.5	7.3	6.2
-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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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.6	0.5	0.4	0.3	0.2	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
77.5°	1.5	1.5	1.3	1.0	0.7	0.4	0.0
75°	1.5	1.6	1.5	1.2	0.8	0.5	0.0
72.5°	1.5	1.6	1.6	1.3	0.9	0.6	0.0
70°	1.6	1.7	1.6	1.5	1.1	0.6	0.0
67.5°	1.8	1.7	1.7	1.6	1.2	0.7	0.0
65°	2.0	2.0	1.8	1.7	1.3	0.8	0.0
62.5°	2.3	2.5	1.9	1.7	1.5	0.9	0.0
60°	2.8	3.0	1.9	1.8	1.6	0.9	0.0
57.5°	5.1	3.6	2.5	1.9	1.7	1.0	0.0
55°	8.1	4.2	3.1	1.9	1.7	1.1	0.0
52.5°	11.6	5.4	3.8	2.0	1.8	1.2	0.0
50°	15.7	9.2	4.5	2.1	1.9	1.2	0.0
47.5°	21.1	13.3	5.2	2.3	2.0	1.3	0.0
45°	31.8	17.7	5.9	2.9	2.1	1.4	0.0
42.5°	42.7	22.4	6.7	3.4	2.2	1.4	0.0
40°	53.9	27.3	9.0	4.2	2.3	1.5	0.0
37.5°	65.4	32.5	12.9	5.1	2.4	1.6	0.0
35°	77.0	40.4	16.8	6.1	2.5	1.6	0.0
32.5°	89.5	49.5	20.8	7.1	2.6	1.7	0.0
30°	103.9	58.6	24.8	8.3	2.7	1.8	0.0
27.5°	118.0	67.6	29.8	9.6	2.8	1.8	0.0
25°	131.8	76.4	34.8	10.9	2.8	1.9	0.0
22.5°	145.2	85.4	39.9	12.3	2.9	1.9	0.0
20°	158.1	95.1	44.9	13.7	3.0	2.0	0.0
17.5°	170.9	104.5	49.8	15.1	3.1	2.0	0.0
15°	183.1	113.4	54.7	16.6	3.2	2.0	0.0
12.5°	194.6	122.0	59.3	18.0	3.3	2.1	0.0
10°	205.2	130.1	63.8	19.5	3.4	2.1	0.0
7.5°	215.0	137.7	68.0	20.8	3.5	2.1	0.0
5°	223.9	144.6	71.9	22.1	3.6	2.2	0.0
2.5°	231.9	151.0	75.5	23.4	3.6	2.2	0.0
0°	238.9	156.6	78.7	24.5	3.7	2.2	0.0
-2.5°	242.4	160.2	81.7	26.1	4.3	2.3	0.0
-5°	245.0	163.0	84.2	27.6	4.9	2.5	0.0
-7.5°	246.6	165.0	86.3	28.9	5.4	2.6	0.0
-10°	247.3	166.3	87.9	30.0	5.9	2.7	0.0
-12.5°	247.2	166.8	88.9	31.0	6.5	2.8	0.0
-15°	246.2	166.6	89.4	31.7	6.9	2.9	0.0
-17.5°	244.5	165.6	89.3	32.3	7.4	3.0	0.0
-20°	241.7	163.8	88.7	32.6	7.8	3.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	237.6	161.3	87.4	32.7	8.2	3.1	0.0
-25°	232.6	157.4	85.6	32.6	8.5	3.1	0.0
-27.5°	226.7	152.6	83.1	32.2	8.8	3.2	0.0
-30°	219.9	147.1	80.0	31.5	9.0	3.2	0.0
-32.5°	212.1	140.9	76.3	30.6	9.2	3.2	0.0
-35°	203.8	134.1	72.3	29.4	9.3	3.2	0.0
-37.5°	194.7	127.3	67.8	27.9	9.4	3.2	0.0
-40°	185.0	121.1	63.0	26.2	9.4	3.2	0.0
-42.5°	174.6	114.5	59.3	24.3	9.3	3.1	0.0
-45°	163.6	107.5	56.8	22.4	9.2	3.1	0.0
-47.5°	151.9	100.0	53.8	20.2	9.1	3.0	0.0
-50°	142.2	92.2	50.4	19.5	8.8	2.9	0.0
-52.5°	132.4	83.9	46.6	19.1	8.6	2.8	0.0
-55°	122.3	77.7	42.3	18.5	8.2	2.7	0.0
-57.5°	111.7	71.4	37.7	17.7	7.8	2.5	0.0
-60°	101.1	64.5	32.8	16.7	7.4	2.4	0.0
-62.5°	91.3	57.1	30.5	15.5	6.9	2.2	0.0
-65°	80.9	49.1	27.8	14.2	6.5	2.1	0.0
-67.5°	69.7	42.4	24.8	12.7	5.9	1.9	0.0
-70°	58.0	37.1	21.6	11.0	5.4	1.7	0.0
-72.5°	49.1	31.4	18.1	9.7	4.8	1.5	0.0
-75°	40.1	25.4	14.4	8.4	4.1	1.3	0.0
-77.5°	30.7	19.0	11.9	7.1	3.5	1.1	0.0
-80°	20.9	14.5	9.6	5.7	2.8	0.9	0.0
-82.5°	15.4	11.0	7.3	4.3	2.1	0.7	0.0
-85°	10.3	7.3	4.9	2.9	1.4	0.5	0.0
-87.5°	5.2	3.7	2.4	1.5	0.7	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)