

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645385 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2D-735-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645385 (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: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-735-U-LAM-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9939.4 lumens
Efficiency: N/A
Efficacy: 91.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 7H x 7V
Max Intensity: 4238.9 candela
Max Intensity Angle: 0°H x -20°V

Beam Angle (50%): 105.6°H x 93.7°V
Beam Lumens: 7770.1 lumens
Beam Efficiency: 78.2%

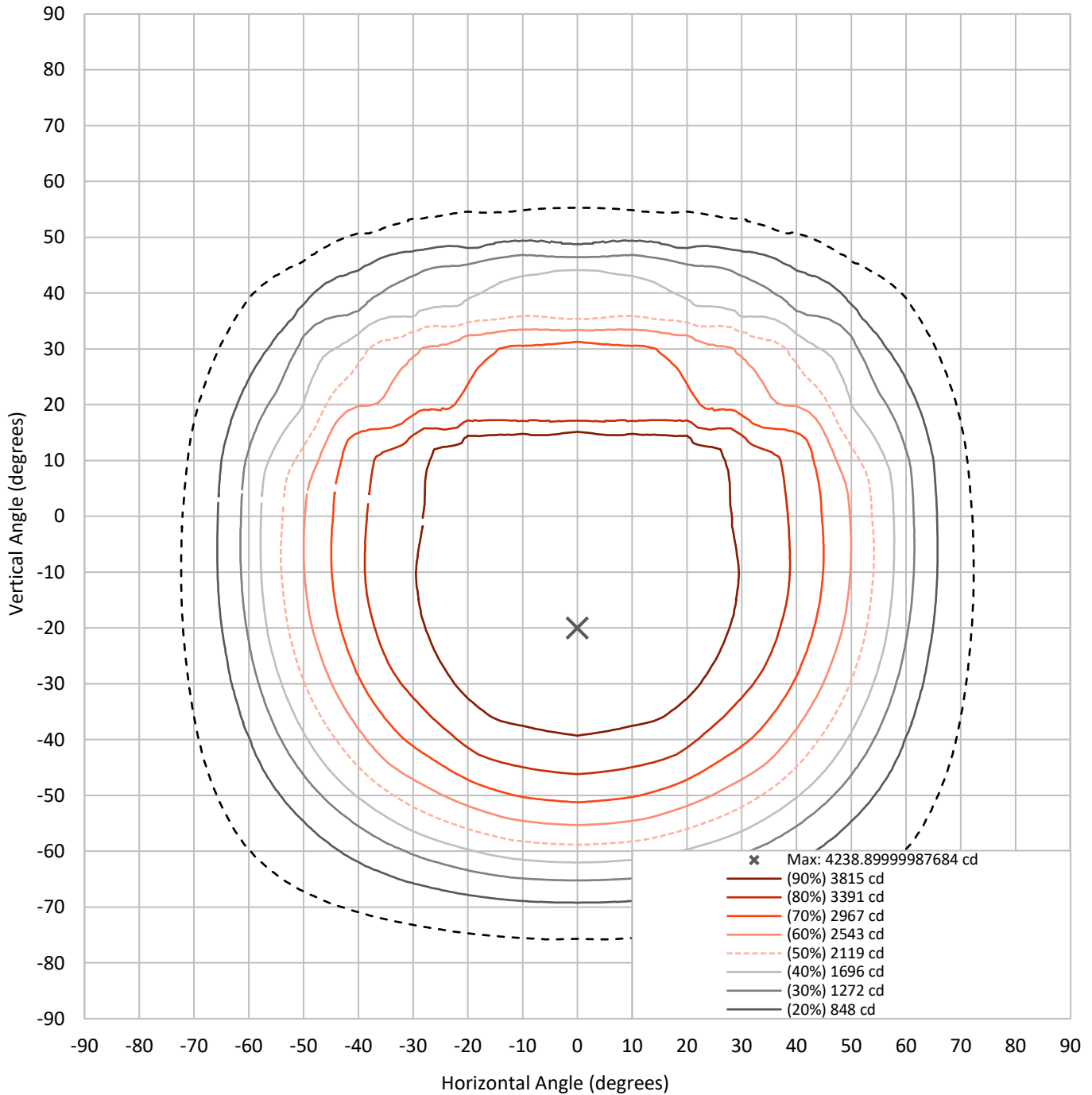
Field Angle (10%): 144°H x 131.2°V
Field Lumens: 9742 lumens
Field Efficiency: 98.0%

Input Watts (W): 108.7
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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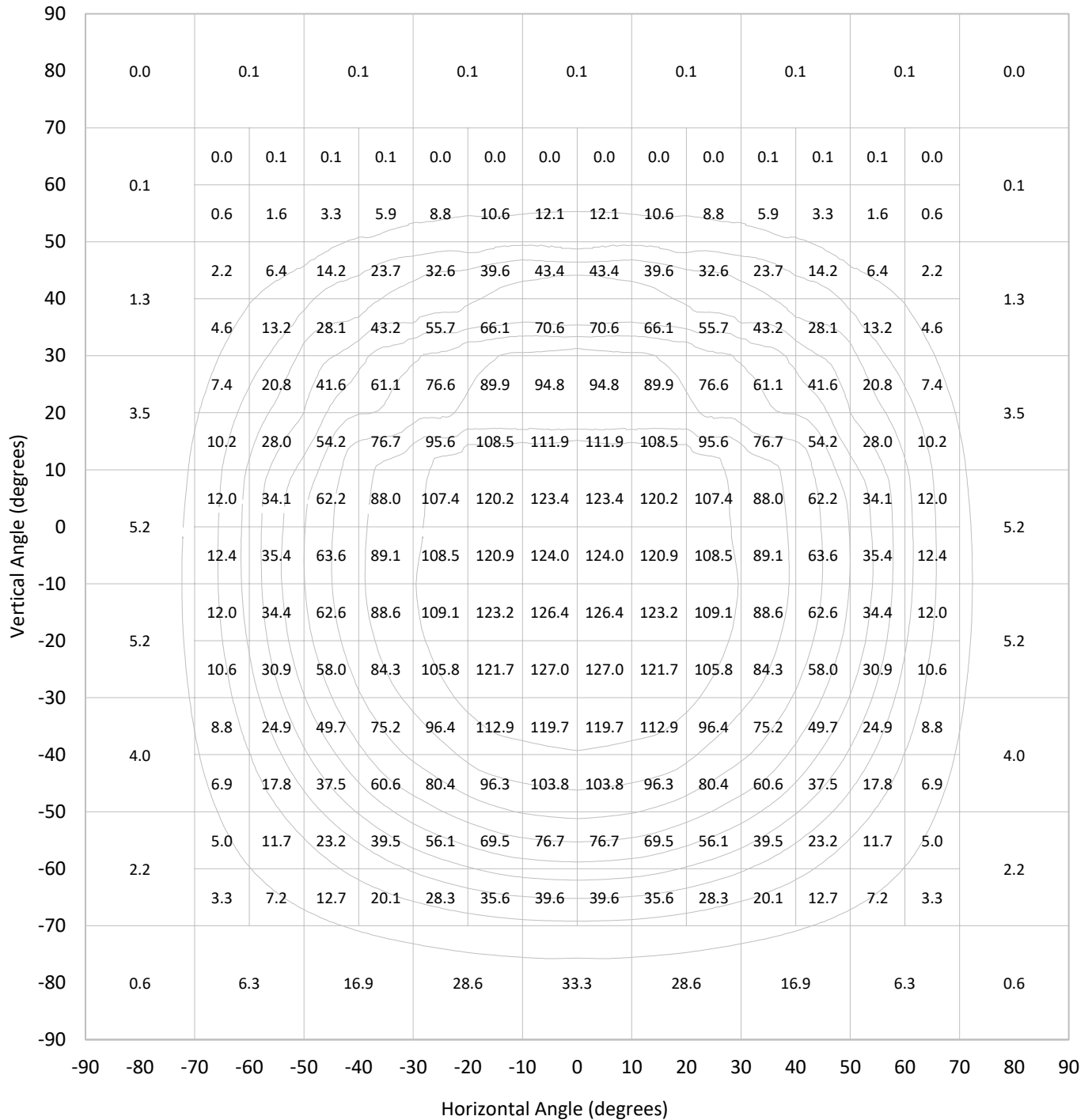
Iso-Candela Plot





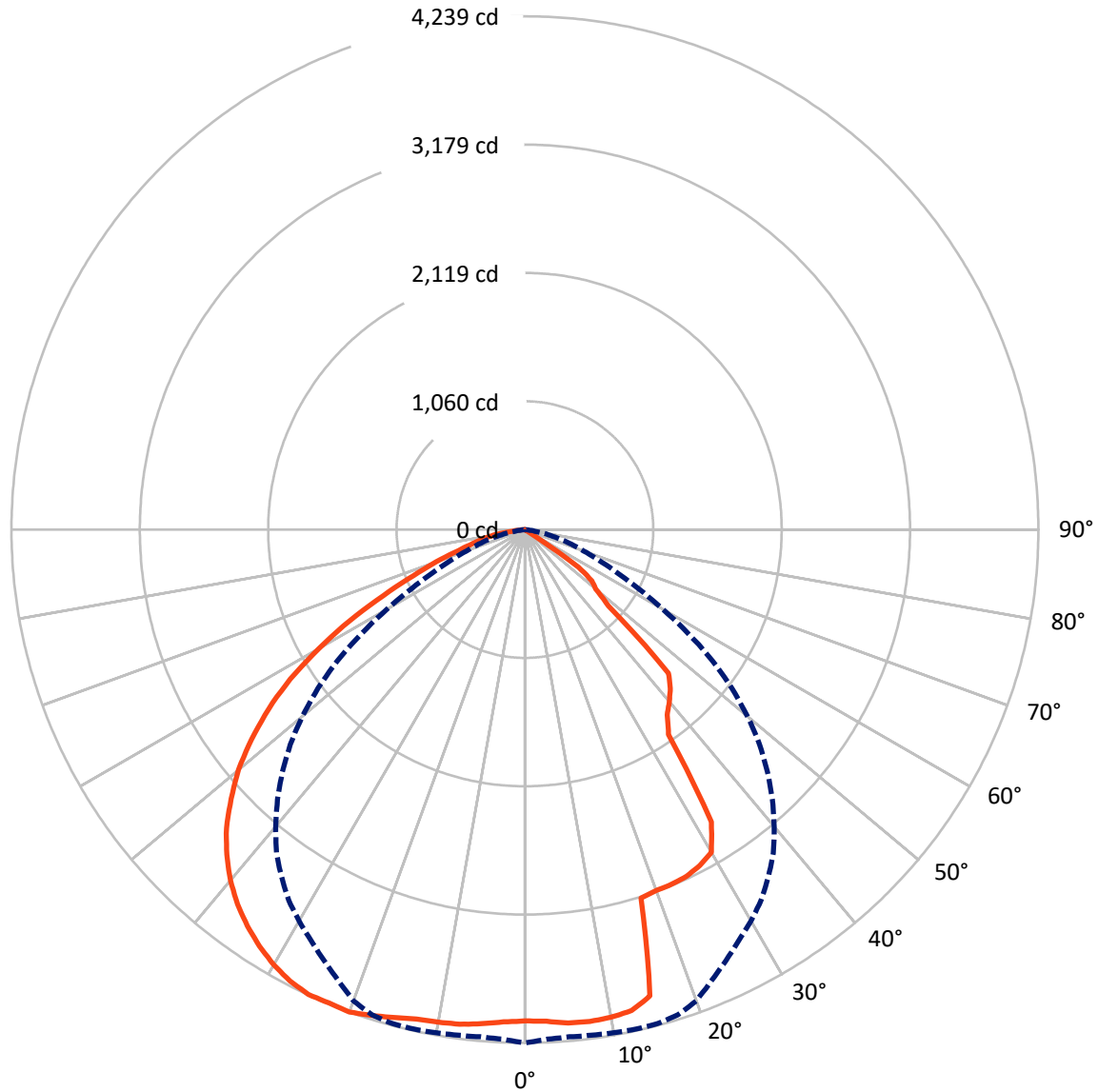
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Lumen Table



REPORT NUMBER: P645385 (CONVERTED FROM TYPE C PHOTOMETRY)
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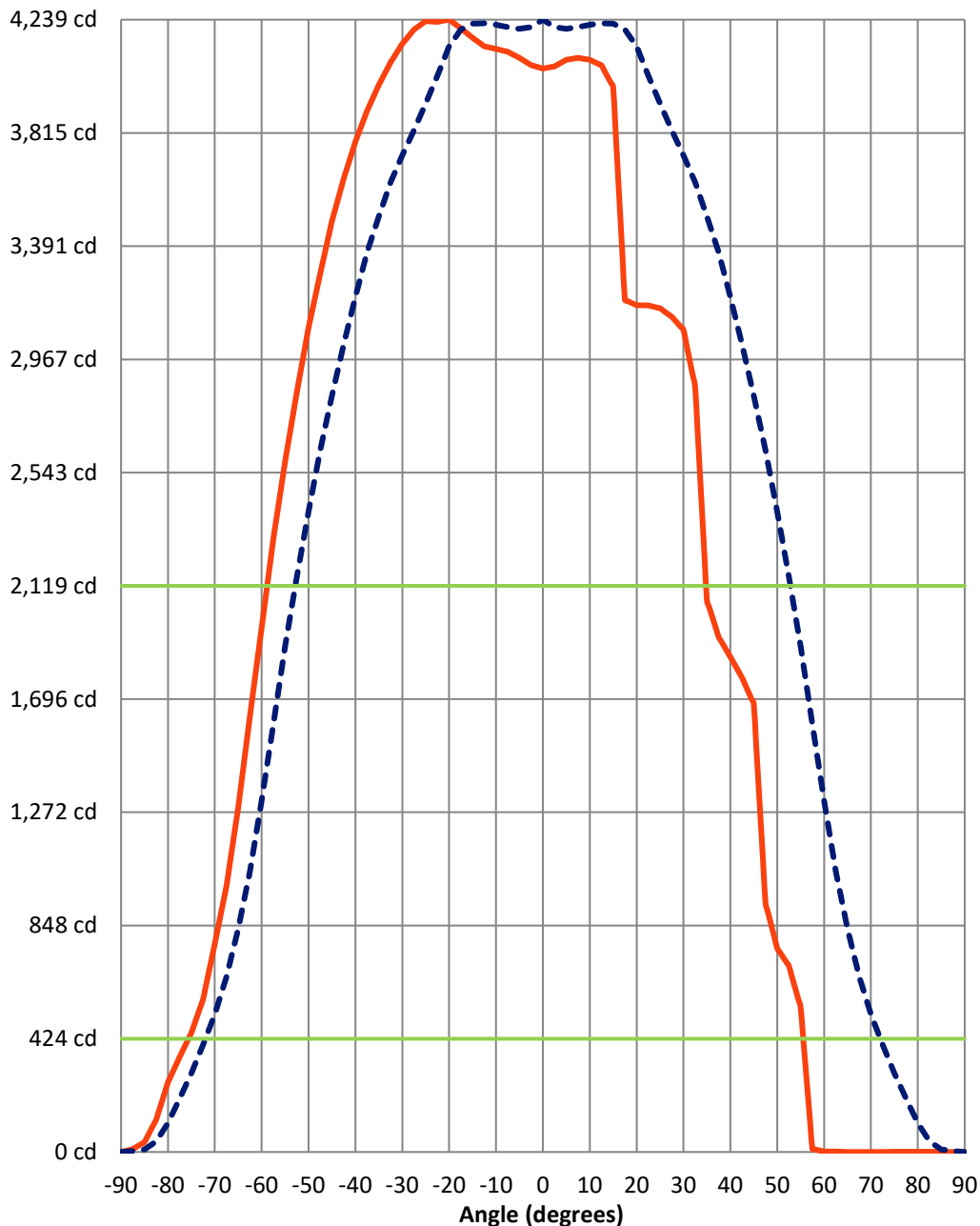
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 7770.1
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 9742
 Efficiency: 98.0%

Spill:
 Lumens: 197.4
 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	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.4
85°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.8
82.5°	0.0	0.3	0.5	0.7	0.9	1.2	1.4	1.4	1.4	1.1	0.9
80°	0.0	0.4	0.6	0.9	1.2	1.6	1.8	1.6	1.4	1.2	0.9
77.5°	0.0	0.5	0.8	1.2	1.6	1.8	1.8	1.6	1.4	1.2	0.9
75°	0.0	0.6	0.9	1.4	1.8	1.9	1.8	1.6	1.4	1.2	1.0
72.5°	0.0	0.7	1.1	1.6	1.9	1.9	1.8	1.6	1.4	1.2	1.0
70°	0.0	0.8	1.3	1.8	2.0	2.0	1.9	1.7	1.5	1.3	1.4
67.5°	0.0	0.9	1.4	1.9	2.1	2.1	2.1	1.7	1.5	2.0	2.0
65°	0.0	1.0	1.6	2.0	2.2	2.4	2.4	1.7	2.4	2.8	3.5
62.5°	0.0	1.1	1.8	2.1	2.3	3.0	2.8	2.4	3.3	4.9	7.9
60°	0.0	1.2	1.9	2.2	2.4	3.6	3.4	3.4	4.3	12.6	13.7
57.5°	0.0	1.2	2.0	2.3	3.1	4.4	6.2	4.8	12.3	21.4	24.8
55°	0.0	1.3	2.1	2.4	3.8	5.2	9.9	7.8	22.8	33.0	40.1
52.5°	0.0	1.4	2.2	2.5	4.6	6.6	14.2	19.8	34.3	51.7	58.2
50°	0.0	1.5	2.3	2.6	5.5	11.3	19.1	33.5	49.0	72.5	91.0
47.5°	0.0	1.6	2.4	2.8	6.3	16.2	25.7	47.8	70.6	95.5	124.4
45°	0.0	1.7	2.5	3.5	7.2	21.6	38.7	62.8	94.8	124.5	156.9
42.5°	0.0	1.8	2.7	4.2	8.2	27.3	52.1	81.9	119.3	152.8	194.4
40°	0.0	1.8	2.8	5.1	11.0	33.3	65.8	103.5	144.7	180.5	234.5
37.5°	0.0	1.9	2.9	6.2	15.7	39.7	79.7	125.2	171.3	213.8	276.3
35°	0.0	2.0	3.0	7.4	20.5	49.3	93.9	146.8	198.3	254.6	325.8
32.5°	0.0	2.1	3.1	8.7	25.4	60.4	109.2	168.4	225.6	295.7	385.9
30°	0.0	2.1	3.2	10.2	30.3	71.5	126.7	190.2	253.2	336.9	443.6
27.5°	0.0	2.2	3.4	11.7	36.3	82.4	143.9	212.9	283.5	378.0	498.8
25°	0.0	2.3	3.5	13.3	42.5	93.2	160.7	235.4	317.7	422.9	551.4
22.5°	0.0	2.3	3.6	15.0	48.7	104.2	177.0	257.5	351.2	467.8	604.7
20°	0.0	2.4	3.7	16.7	54.8	116.0	192.8	279.1	383.8	510.2	656.6
17.5°	0.0	2.4	3.8	18.5	60.8	127.4	208.4	300.1	415.4	550.0	707.0
15°	0.0	2.5	3.9	20.2	66.6	138.3	223.3	319.6	445.8	587.0	755.3
12.5°	0.0	2.5	4.0	22.0	72.3	148.8	237.3	337.0	470.0	621.4	801.3
10°	0.0	2.6	4.1	23.7	77.7	158.6	250.3	353.1	488.0	642.0	838.8
7.5°	0.0	2.6	4.2	25.4	82.8	167.9	262.2	367.7	503.4	658.0	860.7
5°	0.0	2.7	4.3	27.0	87.6	176.4	273.1	380.8	516.2	670.9	878.4
2.5°	0.0	2.7	4.4	28.5	92.0	184.1	282.8	392.5	526.6	680.8	892.1
0°	0.0	2.7	4.5	29.9	95.9	191.0	291.4	402.7	534.8	687.8	901.4
-2.5°	0.0	2.9	5.2	31.8	99.6	195.3	295.7	408.6	537.7	696.7	907.5
-5°	0.0	3.0	5.9	33.6	102.7	198.8	298.8	413.0	538.8	702.4	909.4
-7.5°	0.0	3.1	6.6	35.2	105.2	201.3	300.8	415.7	538.0	704.8	907.4
-10°	0.0	3.3	7.2	36.6	107.1	202.8	301.7	416.7	535.7	703.4	901.6
-12.5°	0.0	3.4	7.9	37.8	108.4	203.5	301.5	416.0	532.0	697.8	891.7
-15°	0.0	3.5	8.4	38.7	109.0	203.2	300.3	413.6	527.8	686.7	877.4
-17.5°	0.0	3.6	9.0	39.4	109.0	201.9	298.1	408.6	522.7	672.9	858.7
-20°	0.0	3.7	9.5	39.8	108.2	199.8	294.7	401.5	515.4	656.4	835.7

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Scaled Data Report



REPORT NUMBER: P645385 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-735-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	3.8	9.9	39.9	106.7	196.8	289.8	392.9	505.9	637.4	808.3
-25°	0.0	3.8	10.3	39.7	104.4	192.0	283.7	383.0	494.1	616.0	776.6
-27.5°	0.0	3.9	10.7	39.2	101.3	186.1	276.5	371.7	480.1	595.3	748.5
-30°	0.0	3.9	11.0	38.4	97.5	179.4	268.2	359.2	464.8	577.8	718.6
-32.5°	0.0	3.9	11.2	37.3	93.1	171.9	258.7	347.5	448.5	557.5	686.5
-35°	0.0	3.9	11.3	35.8	88.2	163.6	248.5	335.3	431.0	534.6	652.5
-37.5°	0.0	3.9	11.4	34.0	82.7	155.3	237.5	321.7	412.2	509.0	618.9
-40°	0.0	3.9	11.4	31.9	76.8	147.8	225.7	306.9	392.1	484.8	585.7
-42.5°	0.0	3.8	11.4	29.6	72.3	139.7	213.0	290.9	372.8	459.2	550.0
-45°	0.0	3.7	11.2	27.3	69.3	131.1	199.6	274.3	353.0	431.9	513.0
-47.5°	0.0	3.6	11.0	24.6	65.6	122.0	185.3	257.7	331.7	403.3	481.0
-50°	0.0	3.5	10.8	23.8	61.5	112.4	173.4	240.3	308.3	377.0	447.5
-52.5°	0.0	3.4	10.4	23.3	56.8	102.4	161.5	222.1	285.9	350.0	413.1
-55°	0.0	3.3	10.0	22.6	51.6	94.8	149.1	203.6	263.4	322.2	382.6
-57.5°	0.0	3.1	9.6	21.6	45.9	87.1	136.3	189.0	240.1	295.5	351.4
-60°	0.0	2.9	9.0	20.4	39.9	78.7	123.3	172.8	216.8	268.7	320.2
-62.5°	0.0	2.7	8.5	18.9	37.1	69.6	111.4	155.2	195.3	241.0	289.7
-65°	0.0	2.5	7.9	17.3	33.9	59.9	98.6	136.9	172.4	213.3	258.4
-67.5°	0.0	2.3	7.2	15.4	30.3	51.8	85.1	118.8	148.4	184.3	224.7
-70°	0.0	2.1	6.5	13.4	26.3	45.3	70.8	100.2	126.9	154.1	188.8
-72.5°	0.0	1.9	5.8	11.8	22.1	38.3	59.9	81.2	104.9	129.0	153.3
-75°	0.0	1.6	5.0	10.2	17.6	31.0	48.9	65.4	82.6	103.6	124.8
-77.5°	0.0	1.4	4.2	8.6	14.5	23.2	37.5	50.6	64.2	79.0	95.8
-80°	0.0	1.1	3.4	7.0	11.7	17.7	25.5	35.4	46.0	57.4	69.7
-82.5°	0.0	0.8	2.6	5.3	8.9	13.4	18.8	22.7	27.5	35.6	44.3
-85°	0.0	0.6	1.7	3.5	5.9	9.0	12.6	15.2	17.9	20.8	23.7
-87.5°	0.0	0.3	0.9	1.8	3.0	4.5	6.3	7.6	9.0	10.4	11.9
-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: P645385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-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°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	1.0	1.2	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	1.4	1.5	1.3	1.0	0.9	0.9	1.0	1.0	0.9	0.9	0.9
67.5°	1.7	1.5	1.3	1.2	1.2	1.4	1.3	1.1	0.9	0.9	0.9
65°	1.8	1.6	2.2	2.5	1.9	1.6	1.4	1.2	1.2	1.3	1.3
62.5°	2.7	3.4	4.3	7.6	5.7	1.7	3.0	3.5	2.6	2.1	2.3
60°	8.8	6.0	17.8	25.5	15.9	5.8	7.1	23.6	20.5	3.8	12.8
57.5°	18.6	25.5	46.9	47.8	33.1	22.9	66.4	76.7	58.0	33.9	51.8
55°	40.9	62.8	77.9	72.1	78.7	119.3	141.7	127.3	107.2	164.9	210.6
52.5°	79.9	102.3	107.4	123.3	176.6	202.8	194.4	207.9	269.6	334.8	349.0
50°	118.0	136.3	150.6	217.8	259.4	262.1	281.4	342.5	424.8	464.7	455.1
47.5°	154.8	173.8	240.3	304.8	323.6	349.2	397.5	515.5	602.7	604.4	594.5
45°	193.7	244.4	329.3	371.4	401.8	451.3	568.0	730.8	739.2	762.9	908.3
42.5°	235.3	324.1	398.2	442.1	491.0	583.5	739.3	846.1	882.8	986.3	1103.2
40°	302.7	401.2	465.9	521.9	584.9	719.8	890.4	990.5	1020.3	1109.9	1197.8
37.5°	371.1	465.5	538.1	605.6	692.9	875.0	1072.4	1154.9	1170.0	1186.4	1381.2
35°	436.9	531.5	618.4	706.7	813.8	1075.9	1248.5	1326.0	1323.6	1434.2	1638.3
32.5°	498.5	599.0	701.4	819.6	996.3	1264.9	1437.5	1483.9	1554.4	1715.3	1993.8
30°	560.0	674.2	791.8	932.6	1156.5	1389.3	1586.4	1661.0	1781.8	1965.5	2168.1
27.5°	623.4	751.3	893.6	1058.5	1283.0	1497.0	1665.2	1843.8	1961.1	2125.7	2269.9
25°	686.5	833.0	994.1	1168.7	1373.4	1572.8	1746.8	1953.0	2079.0	2211.7	2346.2
22.5°	752.6	915.8	1097.7	1255.9	1449.6	1637.2	1844.5	2068.1	2231.9	2316.2	2406.5
20°	821.8	1005.3	1199.4	1374.7	1524.8	1697.1	1942.5	2214.2	2425.6	2520.5	2532.9
17.5°	889.9	1092.1	1300.8	1490.5	1652.4	1805.8	2045.4	2389.3	2652.1	2740.3	2779.5
15°	956.4	1175.6	1401.7	1603.3	1781.0	1968.6	2224.4	2574.1	2874.6	2972.2	3033.9
12.5°	1020.5	1255.3	1500.9	1712.3	1909.6	2120.1	2387.0	2707.1	2981.4	3170.2	3283.5
10°	1081.6	1330.4	1597.1	1816.9	2036.8	2260.6	2521.5	2806.2	3029.4	3211.6	3372.3
7.5°	1112.5	1379.6	1679.8	1916.5	2160.8	2390.5	2631.6	2876.0	3064.1	3242.7	3398.2
5°	1133.4	1399.7	1705.7	1951.2	2226.7	2477.1	2711.2	2921.9	3086.7	3263.7	3415.6
2.5°	1148.4	1412.8	1723.2	1970.2	2251.5	2503.8	2734.2	2937.2	3105.3	3278.8	3434.3
0°	1157.5	1419.0	1732.1	1981.9	2267.0	2521.3	2747.5	2943.0	3117.7	3286.0	3453.4
-2.5°	1162.6	1438.0	1738.0	2011.9	2282.0	2536.4	2766.2	2957.0	3139.5	3299.6	3467.5
-5°	1161.9	1449.3	1736.5	2032.1	2289.1	2542.3	2775.5	2963.3	3151.3	3309.9	3473.3
-7.5°	1155.6	1451.9	1728.7	2038.4	2289.4	2540.3	2771.4	2966.3	3151.1	3319.3	3473.8
-10°	1144.4	1441.7	1721.4	2022.1	2280.6	2530.0	2758.9	2959.7	3143.8	3317.4	3470.8
-12.5°	1131.1	1420.5	1706.3	1998.5	2262.8	2510.7	2739.9	2942.7	3130.0	3303.2	3463.8
-15°	1111.2	1392.3	1681.5	1968.6	2235.6	2482.7	2715.2	2915.1	3108.8	3278.4	3443.3
-17.5°	1084.5	1357.5	1646.6	1933.1	2199.0	2446.2	2683.6	2878.6	3071.3	3246.6	3405.7
-20°	1050.8	1316.2	1601.3	1892.8	2152.5	2397.1	2627.1	2831.3	3022.8	3201.1	3368.4



REPORT NUMBER: P645385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-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°	1010.0	1268.7	1546.7	1838.4	2094.6	2336.4	2563.7	2771.1	2969.6	3142.0	3320.2
-25°	969.2	1218.5	1486.4	1763.0	2027.3	2268.1	2496.0	2698.1	2900.9	3080.3	3249.6
-27.5°	930.1	1160.2	1416.4	1680.0	1951.0	2190.6	2416.5	2618.8	2815.7	3011.7	3174.7
-30°	886.2	1092.9	1339.7	1591.4	1855.6	2099.6	2327.2	2537.0	2724.4	2918.0	3093.0
-32.5°	837.8	1021.4	1258.6	1500.8	1749.9	1999.3	2224.7	2433.2	2628.1	2811.3	2994.9
-35°	790.4	963.6	1172.8	1403.5	1637.9	1882.5	2108.1	2314.6	2516.9	2698.4	2873.9
-37.5°	747.8	901.1	1081.5	1301.9	1525.9	1757.3	1986.7	2186.5	2379.1	2578.6	2749.8
-40°	701.8	834.0	1002.4	1197.2	1408.3	1628.4	1848.0	2054.8	2235.8	2432.9	2621.2
-42.5°	653.5	779.3	924.3	1086.5	1285.7	1493.2	1705.2	1907.5	2095.4	2281.4	2468.0
-45°	611.3	721.4	845.0	993.1	1155.3	1350.5	1551.2	1752.8	1933.2	2110.4	2294.7
-47.5°	566.3	663.3	777.5	895.8	1036.8	1200.0	1388.8	1574.7	1759.3	1928.0	2091.0
-50°	521.5	610.9	704.8	811.2	927.6	1059.9	1216.7	1389.6	1558.2	1731.3	1892.8
-52.5°	483.0	555.8	640.7	729.5	829.1	938.6	1064.2	1206.2	1359.6	1506.5	1667.6
-55°	442.9	508.6	577.1	655.3	738.2	830.5	933.6	1052.9	1169.9	1305.8	1437.4
-57.5°	406.4	461.8	520.2	584.8	656.8	730.7	820.7	913.6	1019.8	1125.4	1229.5
-60°	372.0	417.3	466.8	521.5	579.3	645.1	712.3	792.0	877.6	961.9	1050.3
-62.5°	337.3	375.4	415.8	461.2	511.6	561.3	618.7	680.1	743.0	814.5	884.2
-65°	301.6	332.4	366.6	404.3	444.6	486.9	531.0	576.4	630.0	682.3	733.0
-67.5°	263.7	290.0	317.8	347.4	381.2	414.5	447.7	486.1	525.5	564.2	604.4
-70°	221.7	246.5	269.6	293.7	318.8	344.9	373.2	401.4	429.2	458.2	490.5
-72.5°	179.0	201.8	222.1	239.9	260.5	282.2	302.9	322.7	343.7	365.7	387.5
-75°	142.8	157.9	176.0	192.6	209.0	224.2	237.9	254.6	272.1	288.2	301.4
-77.5°	111.4	125.1	137.6	148.7	161.7	177.0	190.3	201.7	212.8	225.0	237.8
-80°	81.1	92.4	103.7	114.0	121.5	130.2	140.4	152.0	162.2	170.4	177.9
-82.5°	52.4	60.6	69.0	77.5	81.0	83.4	85.6	89.7	95.9	102.1	108.0
-85°	26.1	28.5	33.6	38.9	40.7	42.0	42.8	43.3	45.4	47.4	49.1
-87.5°	13.1	14.3	15.5	16.6	16.0	15.2	14.1	12.8	12.5	12.1	11.7
-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):

	-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°	0.7	0.8	0.8	0.8	0.8	0.6	0.4	0.2	0.0	0.0	0.0
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.6	0.4
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
67.5°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.6
65°	1.3	1.2	1.3	1.3	1.1	1.1	1.1	1.1	1.0	0.8	0.5
62.5°	2.3	2.6	2.0	2.0	2.0	1.9	1.8	1.7	1.6	1.5	1.6
60°	14.2	8.4	4.9	5.7	5.1	3.4	4.3	5.1	5.1	4.7	4.1
57.5°	78.7	58.8	43.5	103.9	104.2	49.8	59.9	94.2	77.5	25.5	23.7
55°	218.9	261.8	344.5	327.2	332.5	382.5	417.6	369.7	362.4	386.2	446.2
52.5°	393.2	434.1	461.9	487.9	519.6	553.7	588.8	611.1	631.9	654.2	667.4
50°	502.1	559.7	599.3	584.7	666.7	700.2	666.1	696.6	733.7	743.9	748.7
47.5°	741.3	825.8	842.6	897.0	945.9	944.9	903.4	905.8	1016.4	1113.9	1161.8
45°	1065.4	1068.2	1121.4	1217.5	1286.2	1264.6	1322.6	1454.5	1498.4	1540.8	1575.6
42.5°	1191.6	1243.9	1328.7	1413.7	1465.0	1509.4	1552.4	1600.8	1657.8	1704.1	1741.0
40°	1313.8	1356.0	1442.8	1511.3	1553.7	1595.2	1645.3	1699.0	1751.1	1791.7	1819.5
37.5°	1502.0	1534.6	1555.8	1619.4	1699.6	1662.6	1757.5	1825.6	1856.7	1898.0	1901.7
35°	1786.6	1764.9	1736.7	1989.8	2004.9	1919.5	2008.2	2113.8	2058.1	2174.0	2236.3
32.5°	2039.0	2035.7	2256.6	2389.6	2313.1	2375.5	2580.2	2571.1	2707.5	2770.8	2752.8
30°	2276.7	2357.8	2485.6	2584.6	2597.9	2696.4	2787.3	2866.9	2949.3	3023.1	3028.2
27.5°	2397.4	2503.2	2590.0	2647.3	2711.3	2794.2	2876.6	2966.3	3036.3	3082.7	3094.0
25°	2470.4	2578.5	2644.2	2705.9	2776.5	2848.1	2940.4	3038.0	3094.3	3122.9	3132.0
22.5°	2534.8	2632.0	2702.5	2752.6	2828.6	2905.5	2991.6	3074.3	3135.4	3147.9	3152.4
20°	2596.7	2690.1	2808.0	2881.7	2878.0	2964.6	3047.6	3113.4	3164.4	3164.1	3165.3
17.5°	2776.0	2809.3	3023.2	3185.6	3105.2	3062.8	3291.0	3295.3	3308.9	3281.9	3223.5
15°	3041.3	3102.0	3364.8	3540.8	3485.4	3482.5	3812.1	3730.4	3800.7	3782.3	3861.5
12.5°	3322.4	3394.3	3590.6	3763.5	3845.9	3866.1	3976.2	4079.4	4100.5	4092.2	4076.7
10°	3513.9	3616.3	3695.2	3800.1	3883.1	3967.9	4031.7	4105.7	4130.0	4116.0	4096.2
7.5°	3538.8	3640.0	3732.6	3824.7	3903.8	3972.1	4038.3	4098.6	4123.3	4115.2	4101.5
5°	3554.7	3646.3	3736.2	3829.5	3905.2	3968.5	4034.4	4095.5	4110.1	4100.3	4087.0
2.5°	3564.5	3649.3	3735.9	3828.9	3897.6	3957.8	4024.5	4089.8	4089.6	4085.3	4077.5
0°	3569.2	3654.3	3754.8	3838.9	3915.8	3972.9	4038.9	4102.3	4097.7	4086.0	4072.4
-2.5°	3579.4	3665.6	3768.1	3837.8	3924.6	3976.8	4045.1	4099.9	4097.8	4092.0	4085.3
-5°	3588.4	3685.4	3781.3	3854.7	3941.6	4009.9	4077.8	4120.7	4122.9	4114.9	4103.5
-7.5°	3594.0	3701.5	3793.0	3866.6	3950.9	4030.3	4099.2	4144.2	4145.2	4134.5	4121.0
-10°	3592.2	3705.6	3799.8	3875.9	3962.3	4040.7	4112.7	4169.7	4167.8	4157.7	4146.1
-12.5°	3585.4	3698.7	3795.4	3871.8	3969.8	4050.5	4131.5	4188.3	4191.3	4183.6	4171.2
-15°	3570.5	3687.4	3781.5	3865.0	3961.0	4055.4	4138.6	4201.2	4212.4	4206.1	4196.3
-17.5°	3541.0	3664.4	3764.2	3854.1	3946.3	4046.9	4141.5	4210.0	4225.2	4222.8	4214.6
-20°	3502.2	3629.7	3730.9	3825.1	3925.5	4029.1	4139.2	4201.8	4223.9	4225.4	4219.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3458.8	3583.5	3691.0	3783.5	3892.4	3997.3	4096.9	4170.3	4207.5	4214.4	4214.9
-25°	3406.7	3534.9	3641.6	3740.2	3841.4	3949.8	4050.5	4132.3	4170.1	4188.1	4193.7
-27.5°	3333.1	3465.5	3570.6	3674.7	3777.7	3889.6	3995.5	4084.5	4115.2	4140.0	4150.0
-30°	3246.8	3377.8	3484.9	3580.1	3697.9	3812.0	3921.3	3998.9	4045.3	4073.6	4089.1
-32.5°	3147.6	3279.8	3392.3	3491.7	3603.6	3717.7	3820.6	3902.5	3966.3	3999.1	4015.6
-35°	3040.0	3175.0	3292.8	3397.5	3502.9	3611.6	3718.1	3803.8	3876.6	3904.7	3925.5
-37.5°	2910.3	3059.2	3179.9	3288.0	3388.1	3490.3	3601.2	3699.2	3769.8	3797.1	3819.0
-40°	2777.2	2921.2	3042.9	3158.1	3257.2	3368.8	3475.6	3578.3	3639.6	3671.4	3696.2
-42.5°	2636.8	2766.8	2882.6	2994.5	3104.7	3219.7	3326.5	3433.1	3486.1	3524.5	3554.9
-45°	2474.6	2595.6	2708.1	2812.9	2926.6	3039.5	3146.4	3240.7	3303.7	3353.6	3392.5
-47.5°	2258.4	2405.8	2518.8	2618.5	2731.2	2840.1	2943.7	3032.3	3101.5	3159.9	3205.0
-50°	2038.9	2180.4	2307.7	2419.7	2524.3	2625.0	2723.6	2810.3	2883.5	2946.8	2992.5
-52.5°	1822.7	1955.3	2081.6	2197.2	2297.7	2392.9	2483.0	2570.3	2647.5	2715.1	2759.3
-55°	1578.4	1715.7	1840.8	1948.5	2049.0	2143.0	2232.1	2314.8	2390.8	2459.7	2502.0
-57.5°	1349.2	1469.7	1586.0	1685.5	1780.3	1869.9	1954.3	2033.5	2106.6	2171.5	2212.3
-60°	1138.6	1226.4	1326.5	1418.4	1502.4	1578.6	1657.4	1731.2	1798.4	1855.4	1893.5
-62.5°	952.4	1025.1	1097.4	1167.3	1235.4	1303.9	1369.9	1431.1	1487.3	1534.0	1567.3
-65°	786.4	844.9	897.2	946.8	994.0	1048.0	1098.1	1145.3	1188.9	1224.7	1250.1
-67.5°	647.6	688.7	724.8	758.8	796.0	834.2	870.0	901.2	927.8	949.1	965.8
-70°	522.3	552.5	579.7	606.8	634.0	658.8	682.5	705.4	727.2	745.0	758.3
-72.5°	409.0	429.7	448.2	469.1	488.6	507.5	523.8	537.1	547.3	557.3	566.1
-75°	311.8	327.4	348.3	366.0	380.6	393.5	405.3	415.9	425.1	433.3	440.6
-77.5°	250.8	263.9	277.3	290.2	302.7	311.9	320.6	329.2	337.7	344.9	351.3
-80°	185.9	195.7	206.0	216.3	226.6	231.7	235.8	239.6	243.0	247.3	251.4
-82.5°	113.6	119.2	124.9	130.7	136.5	137.9	138.4	138.3	137.6	136.0	133.6
-85°	50.6	50.9	50.7	50.1	49.2	47.2	44.7	41.9	38.7	38.2	37.6
-87.5°	11.1	10.9	10.6	10.3	9.9	9.9	9.8	9.8	9.7	10.0	10.3
-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):

	-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	0.4	0.6	0.8	0.8
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.5	0.0	0.5	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.5	0.0	0.5	0.9	0.9	0.9	0.9	0.9	0.9
67.5°	0.3	0.1	0.0	0.0	0.0	0.1	0.3	0.6	0.8	0.9	0.9
65°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.1
62.5°	1.6	1.7	1.8	1.8	1.8	1.7	1.6	1.6	1.5	1.6	1.7
60°	3.3	2.1	1.8	1.8	1.8	2.1	3.3	4.1	4.7	5.1	5.1
57.5°	20.0	14.9	12.7	11.8	12.7	14.9	20.0	23.7	25.5	77.5	94.2
55°	489.1	514.0	532.6	541.2	532.6	514.0	489.1	446.2	386.2	362.4	369.7
52.5°	679.1	689.9	696.2	695.9	696.2	689.9	679.1	667.4	654.2	631.9	611.1
50°	756.9	762.2	764.0	762.9	764.0	762.2	756.9	748.7	743.9	733.7	696.6
47.5°	1118.0	1021.3	950.1	933.0	950.1	1021.3	1118.0	1161.8	1113.9	1016.4	905.8
45°	1592.3	1629.0	1665.6	1676.9	1665.6	1629.0	1592.3	1575.6	1540.8	1498.4	1454.5
42.5°	1756.6	1768.5	1775.3	1775.6	1775.3	1768.5	1756.6	1741.0	1704.1	1657.8	1600.8
40°	1835.0	1846.2	1852.8	1853.4	1852.8	1846.2	1835.0	1819.5	1791.7	1751.1	1699.0
37.5°	1906.2	1915.8	1922.1	1928.5	1922.1	1915.8	1906.2	1901.7	1898.0	1856.7	1825.6
35°	2227.9	2155.0	2050.2	2066.1	2050.2	2155.0	2227.9	2236.3	2174.0	2058.1	2113.8
32.5°	2781.1	2811.7	2830.8	2863.4	2830.8	2811.7	2781.1	2752.8	2770.8	2707.5	2571.1
30°	3036.3	3046.4	3061.7	3077.8	3061.7	3046.4	3036.3	3028.2	3023.1	2949.3	2866.9
27.5°	3099.9	3110.4	3119.8	3126.7	3119.8	3110.4	3099.9	3094.0	3082.7	3036.3	2966.3
25°	3133.3	3139.8	3149.7	3158.4	3149.7	3139.8	3133.3	3132.0	3122.9	3094.3	3038.0
22.5°	3149.8	3150.5	3158.3	3169.2	3158.3	3150.5	3149.8	3152.4	3147.9	3135.4	3074.3
20°	3161.2	3155.0	3163.0	3170.1	3163.0	3155.0	3161.2	3165.3	3164.1	3164.4	3113.4
17.5°	3305.9	3223.3	3189.4	3190.0	3189.4	3223.3	3305.9	3223.5	3281.9	3308.9	3295.3
15°	3772.6	3803.6	3922.3	3986.4	3922.3	3803.6	3772.6	3861.5	3782.3	3800.7	3730.4
12.5°	4073.8	4062.8	4048.7	4067.9	4048.7	4062.8	4073.8	4076.7	4092.2	4100.5	4079.4
10°	4087.7	4086.5	4061.3	4088.7	4061.3	4086.5	4087.7	4096.2	4116.0	4130.0	4105.7
7.5°	4079.2	4080.0	4069.3	4095.9	4069.3	4080.0	4079.2	4101.5	4115.2	4123.3	4098.6
5°	4084.8	4066.5	4073.4	4088.7	4073.4	4066.5	4084.8	4087.0	4100.3	4110.1	4095.5
2.5°	4069.0	4067.2	4053.6	4064.3	4053.6	4067.2	4069.0	4077.5	4085.3	4089.6	4089.8
0°	4057.0	4047.1	4047.1	4056.1	4047.1	4047.1	4057.0	4072.4	4086.0	4097.7	4102.3
-2.5°	4078.4	4076.3	4075.0	4068.8	4075.0	4076.3	4078.4	4085.3	4092.0	4097.8	4099.9
-5°	4096.0	4090.6	4075.8	4095.9	4075.8	4090.6	4096.0	4103.5	4114.9	4122.9	4120.7
-7.5°	4114.9	4101.2	4087.2	4118.6	4087.2	4101.2	4114.9	4121.0	4134.5	4145.2	4144.2
-10°	4132.2	4112.4	4098.6	4129.4	4098.6	4112.4	4132.2	4146.1	4157.7	4167.8	4169.7
-12.5°	4155.1	4131.9	4122.7	4139.4	4122.7	4131.9	4155.1	4171.2	4183.6	4191.3	4188.3
-15°	4179.4	4163.3	4161.2	4171.0	4161.2	4163.3	4179.4	4196.3	4206.1	4212.4	4201.2
-17.5°	4200.8	4189.5	4195.1	4206.3	4195.1	4189.5	4200.8	4214.6	4222.8	4225.2	4210.0
-20°	4211.1	4204.7	4211.0	4238.9	4211.0	4204.7	4211.1	4219.8	4225.4	4223.9	4201.8



REPORT NUMBER: P645385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-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°	4210.2	4210.6	4221.6	4230.8	4221.6	4210.6	4210.2	4214.9	4214.4	4207.5	4170.3
-25°	4194.1	4202.6	4215.3	4233.5	4215.3	4202.6	4194.1	4193.7	4188.1	4170.1	4132.3
-27.5°	4155.4	4169.4	4182.7	4201.8	4182.7	4169.4	4155.4	4150.0	4140.0	4115.2	4084.5
-30°	4099.4	4116.1	4127.9	4148.4	4127.9	4116.1	4099.4	4089.1	4073.6	4045.3	3998.9
-32.5°	4031.2	4050.1	4064.1	4078.7	4064.1	4050.1	4031.2	4015.6	3999.1	3966.3	3902.5
-35°	3946.0	3966.4	3981.2	3994.6	3981.2	3966.4	3946.0	3925.5	3904.7	3876.6	3803.8
-37.5°	3843.6	3865.6	3882.5	3897.7	3882.5	3865.6	3843.6	3819.0	3797.1	3769.8	3699.2
-40°	3724.3	3746.8	3764.9	3781.9	3764.9	3746.8	3724.3	3696.2	3671.4	3639.6	3578.3
-42.5°	3584.8	3607.5	3626.2	3643.4	3626.2	3607.5	3584.8	3554.9	3524.5	3486.1	3433.1
-45°	3423.8	3447.2	3467.0	3485.1	3467.0	3447.2	3423.8	3392.5	3353.6	3303.7	3240.7
-47.5°	3238.3	3263.3	3280.2	3288.7	3280.2	3263.3	3238.3	3205.0	3159.9	3101.5	3032.3
-50°	3025.6	3050.7	3071.0	3086.0	3071.0	3050.7	3025.6	2992.5	2946.8	2883.5	2810.3
-52.5°	2791.6	2815.4	2832.9	2843.4	2832.9	2815.4	2791.6	2759.3	2715.1	2647.5	2570.3
-55°	2535.3	2560.3	2576.9	2584.6	2576.9	2560.3	2535.3	2502.0	2459.7	2390.8	2314.8
-57.5°	2244.7	2268.4	2286.0	2295.9	2286.0	2268.4	2244.7	2212.3	2171.5	2106.6	2033.5
-60°	1923.1	1944.3	1957.7	1962.9	1957.7	1944.3	1923.1	1893.5	1855.4	1798.4	1731.2
-62.5°	1594.2	1614.3	1626.8	1631.7	1626.8	1614.3	1594.2	1567.3	1534.0	1487.3	1431.1
-65°	1269.1	1281.6	1288.6	1289.6	1288.6	1281.6	1269.1	1250.1	1224.7	1188.9	1145.3
-67.5°	979.1	988.6	994.4	996.4	994.4	988.6	979.1	965.8	949.1	927.8	901.2
-70°	768.2	774.8	778.5	779.2	778.5	774.8	768.2	758.3	745.0	727.2	705.4
-72.5°	572.8	577.5	575.8	571.9	575.8	577.5	572.8	566.1	557.3	547.3	537.1
-75°	446.8	452.0	449.9	446.2	449.9	452.0	446.8	440.6	433.3	425.1	415.9
-77.5°	356.9	361.7	359.4	355.7	359.4	361.7	356.9	351.3	344.9	337.7	329.2
-80°	254.9	257.7	259.6	260.6	259.6	257.7	254.9	251.4	247.3	243.0	239.6
-82.5°	130.5	126.6	124.2	121.3	124.2	126.6	130.5	133.6	136.0	137.6	138.3
-85°	36.9	36.0	36.6	37.1	36.6	36.0	36.9	37.6	38.2	38.7	41.9
-87.5°	10.6	10.9	10.9	10.9	10.9	10.9	10.6	10.3	10.0	9.7	9.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.6	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
85°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	1.1
65°	1.1	1.1	1.1	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.2
62.5°	1.8	1.9	2.0	2.0	2.0	2.6	2.3	2.3	2.1	2.6	3.5
60°	4.3	3.4	5.1	5.7	4.9	8.4	14.2	12.8	3.8	20.5	23.6
57.5°	59.9	49.8	104.2	103.9	43.5	58.8	78.7	51.8	33.9	58.0	76.7
55°	417.6	382.5	332.5	327.2	344.5	261.8	218.9	210.6	164.9	107.2	127.3
52.5°	588.8	553.7	519.6	487.9	461.9	434.1	393.2	349.0	334.8	269.6	207.9
50°	666.1	700.2	666.7	584.7	599.3	559.7	502.1	455.1	464.7	424.8	342.5
47.5°	903.4	944.9	945.9	897.0	842.6	825.8	741.3	594.5	604.4	602.7	515.5
45°	1322.6	1264.6	1286.2	1217.5	1121.4	1068.2	1065.4	908.3	762.9	739.2	730.8
42.5°	1552.4	1509.4	1465.0	1413.7	1328.7	1243.9	1191.6	1103.2	986.3	882.8	846.1
40°	1645.3	1595.2	1553.7	1511.3	1442.8	1356.0	1313.8	1197.8	1109.9	1020.3	990.5
37.5°	1757.5	1662.6	1699.6	1619.4	1555.8	1534.6	1502.0	1381.2	1186.4	1170.0	1154.9
35°	2008.2	1919.5	2004.9	1989.8	1736.7	1764.9	1786.6	1638.3	1434.2	1323.6	1326.0
32.5°	2580.2	2375.5	2313.1	2389.6	2256.6	2035.7	2039.0	1993.8	1715.3	1554.4	1483.9
30°	2787.3	2696.4	2597.9	2584.6	2485.6	2357.8	2276.7	2168.1	1965.5	1781.8	1661.0
27.5°	2876.6	2794.2	2711.3	2647.3	2590.0	2503.2	2397.4	2269.9	2125.7	1961.1	1843.8
25°	2940.4	2848.1	2776.5	2705.9	2644.2	2578.5	2470.4	2346.2	2211.7	2079.0	1953.0
22.5°	2991.6	2905.5	2828.6	2752.6	2702.5	2632.0	2534.8	2406.5	2316.2	2231.9	2068.1
20°	3047.6	2964.6	2878.0	2881.7	2808.0	2690.1	2596.7	2532.9	2520.5	2425.6	2214.2
17.5°	3291.0	3062.8	3105.2	3185.6	3023.2	2809.3	2776.0	2779.5	2740.3	2652.1	2389.3
15°	3812.1	3482.5	3485.4	3540.8	3364.8	3102.0	3041.3	3033.9	2972.2	2874.6	2574.1
12.5°	3976.2	3866.1	3845.9	3763.5	3590.6	3394.3	3322.4	3283.5	3170.2	2981.4	2707.1
10°	4031.7	3967.9	3883.1	3800.1	3695.2	3616.3	3513.9	3372.3	3211.6	3029.4	2806.2
7.5°	4038.3	3972.1	3903.8	3824.7	3732.6	3640.0	3538.8	3398.2	3242.7	3064.1	2876.0
5°	4034.4	3968.5	3905.2	3829.5	3736.2	3646.3	3554.7	3415.6	3263.7	3086.7	2921.9
2.5°	4024.5	3957.8	3897.6	3828.9	3735.9	3649.3	3564.5	3434.3	3278.8	3105.3	2937.2
0°	4038.9	3972.9	3915.8	3838.9	3754.8	3654.3	3569.2	3453.4	3286.0	3117.7	2943.0
-2.5°	4045.1	3976.8	3924.6	3837.8	3768.1	3665.6	3579.4	3467.5	3299.6	3139.5	2957.0
-5°	4077.8	4009.9	3941.6	3854.7	3781.3	3685.4	3588.4	3473.3	3309.9	3151.3	2963.3
-7.5°	4099.2	4030.3	3950.9	3866.6	3793.0	3701.5	3594.0	3473.8	3319.3	3151.1	2966.3
-10°	4112.7	4040.7	3962.3	3875.9	3799.8	3705.6	3592.2	3470.8	3317.4	3143.8	2959.7
-12.5°	4131.5	4050.5	3969.8	3871.8	3795.4	3698.7	3585.4	3463.8	3303.2	3130.0	2942.7
-15°	4138.6	4055.4	3961.0	3865.0	3781.5	3687.4	3570.5	3443.3	3278.4	3108.8	2915.1
-17.5°	4141.5	4046.9	3946.3	3854.1	3764.2	3664.4	3541.0	3405.7	3246.6	3071.3	2878.6
-20°	4139.2	4029.1	3925.5	3825.1	3730.9	3629.7	3502.2	3368.4	3201.1	3022.8	2831.3



REPORT NUMBER: P645385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-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°	4096.9	3997.3	3892.4	3783.5	3691.0	3583.5	3458.8	3320.2	3142.0	2969.6	2771.1
-25°	4050.5	3949.8	3841.4	3740.2	3641.6	3534.9	3406.7	3249.6	3080.3	2900.9	2698.1
-27.5°	3995.5	3889.6	3777.7	3674.7	3570.6	3465.5	3333.1	3174.7	3011.7	2815.7	2618.8
-30°	3921.3	3812.0	3697.9	3580.1	3484.9	3377.8	3246.8	3093.0	2918.0	2724.4	2537.0
-32.5°	3820.6	3717.7	3603.6	3491.7	3392.3	3279.8	3147.6	2994.9	2811.3	2628.1	2433.2
-35°	3718.1	3611.6	3502.9	3397.5	3292.8	3175.0	3040.0	2873.9	2698.4	2516.9	2314.6
-37.5°	3601.2	3490.3	3388.1	3288.0	3179.9	3059.2	2910.3	2749.8	2578.6	2379.1	2186.5
-40°	3475.6	3368.8	3257.2	3158.1	3042.9	2921.2	2777.2	2621.2	2432.9	2235.8	2054.8
-42.5°	3326.5	3219.7	3104.7	2994.5	2882.6	2766.8	2636.8	2468.0	2281.4	2095.4	1907.5
-45°	3146.4	3039.5	2926.6	2812.9	2708.1	2595.6	2474.6	2294.7	2110.4	1933.2	1752.8
-47.5°	2943.7	2840.1	2731.2	2618.5	2518.8	2405.8	2258.4	2091.0	1928.0	1759.3	1574.7
-50°	2723.6	2625.0	2524.3	2419.7	2307.7	2180.4	2038.9	1892.8	1731.3	1558.2	1389.6
-52.5°	2483.0	2392.9	2297.7	2197.2	2081.6	1955.3	1822.7	1667.6	1506.5	1359.6	1206.2
-55°	2232.1	2143.0	2049.0	1948.5	1840.8	1715.7	1578.4	1437.4	1305.8	1169.9	1052.9
-57.5°	1954.3	1869.9	1780.3	1685.5	1586.0	1469.7	1349.2	1229.5	1125.4	1019.8	913.6
-60°	1657.4	1578.6	1502.4	1418.4	1326.5	1226.4	1138.6	1050.3	961.9	877.6	792.0
-62.5°	1369.9	1303.9	1235.4	1167.3	1097.4	1025.1	952.4	884.2	814.5	743.0	680.1
-65°	1098.1	1048.0	994.0	946.8	897.2	844.9	786.4	733.0	682.3	630.0	576.4
-67.5°	870.0	834.2	796.0	758.8	724.8	688.7	647.6	604.4	564.2	525.5	486.1
-70°	682.5	658.8	634.0	606.8	579.7	552.5	522.3	490.5	458.2	429.2	401.4
-72.5°	523.8	507.5	488.6	469.1	448.2	429.7	409.0	387.5	365.7	343.7	322.7
-75°	405.3	393.5	380.6	366.0	348.3	327.4	311.8	301.4	288.2	272.1	254.6
-77.5°	320.6	311.9	302.7	290.2	277.3	263.9	250.8	237.8	225.0	212.8	201.7
-80°	235.8	231.7	226.6	216.3	206.0	195.7	185.9	177.9	170.4	162.2	152.0
-82.5°	138.4	137.9	136.5	130.7	124.9	119.2	113.6	108.0	102.1	95.9	89.7
-85°	44.7	47.2	49.2	50.1	50.7	50.9	50.6	49.1	47.4	45.4	43.3
-87.5°	9.8	9.9	9.9	10.3	10.6	10.9	11.1	11.7	12.1	12.5	12.8
-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: P645385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-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°	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.4	1.4
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.2	1.4	1.6
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.2	1.4	1.6
75°	0.9	0.9	0.9	0.9	1.0	0.9	0.9	1.0	1.2	1.4	1.6
72.5°	0.9	0.9	0.9	1.0	1.1	1.2	1.0	1.0	1.2	1.4	1.6
70°	1.0	0.9	0.9	1.0	1.3	1.5	1.4	1.4	1.3	1.5	1.7
67.5°	1.3	1.4	1.2	1.2	1.3	1.5	1.7	2.0	2.0	1.5	1.7
65°	1.4	1.6	1.9	2.5	2.2	1.6	1.8	3.5	2.8	2.4	1.7
62.5°	3.0	1.7	5.7	7.6	4.3	3.4	2.7	7.9	4.9	3.3	2.4
60°	7.1	5.8	15.9	25.5	17.8	6.0	8.8	13.7	12.6	4.3	3.4
57.5°	66.4	22.9	33.1	47.8	46.9	25.5	18.6	24.8	21.4	12.3	4.8
55°	141.7	119.3	78.7	72.1	77.9	62.8	40.9	40.1	33.0	22.8	7.8
52.5°	194.4	202.8	176.6	123.3	107.4	102.3	79.9	58.2	51.7	34.3	19.8
50°	281.4	262.1	259.4	217.8	150.6	136.3	118.0	91.0	72.5	49.0	33.5
47.5°	397.5	349.2	323.6	304.8	240.3	173.8	154.8	124.4	95.5	70.6	47.8
45°	568.0	451.3	401.8	371.4	329.3	244.4	193.7	156.9	124.5	94.8	62.8
42.5°	739.3	583.5	491.0	442.1	398.2	324.1	235.3	194.4	152.8	119.3	81.9
40°	890.4	719.8	584.9	521.9	465.9	401.2	302.7	234.5	180.5	144.7	103.5
37.5°	1072.4	875.0	692.9	605.6	538.1	465.5	371.1	276.3	213.8	171.3	125.2
35°	1248.5	1075.9	813.8	706.7	618.4	531.5	436.9	325.8	254.6	198.3	146.8
32.5°	1437.5	1264.9	996.3	819.6	701.4	599.0	498.5	385.9	295.7	225.6	168.4
30°	1586.4	1389.3	1156.5	932.6	791.8	674.2	560.0	443.6	336.9	253.2	190.2
27.5°	1665.2	1497.0	1283.0	1058.5	893.6	751.3	623.4	498.8	378.0	283.5	212.9
25°	1746.8	1572.8	1373.4	1168.7	994.1	833.0	686.5	551.4	422.9	317.7	235.4
22.5°	1844.5	1637.2	1449.6	1255.9	1097.7	915.8	752.6	604.7	467.8	351.2	257.5
20°	1942.5	1697.1	1524.8	1374.7	1199.4	1005.3	821.8	656.6	510.2	383.8	279.1
17.5°	2045.4	1805.8	1652.4	1490.5	1300.8	1092.1	889.9	707.0	550.0	415.4	300.1
15°	2224.4	1968.6	1781.0	1603.3	1401.7	1175.6	956.4	755.3	587.0	445.8	319.6
12.5°	2387.0	2120.1	1909.6	1712.3	1500.9	1255.3	1020.5	801.3	621.4	470.0	337.0
10°	2521.5	2260.6	2036.8	1816.9	1597.1	1330.4	1081.6	838.8	642.0	488.0	353.1
7.5°	2631.6	2390.5	2160.8	1916.5	1679.8	1379.6	1112.5	860.7	658.0	503.4	367.7
5°	2711.2	2477.1	2226.7	1951.2	1705.7	1399.7	1133.4	878.4	670.9	516.2	380.8
2.5°	2734.2	2503.8	2251.5	1970.2	1723.2	1412.8	1148.4	892.1	680.8	526.6	392.5
0°	2747.5	2521.3	2267.0	1981.9	1732.1	1419.0	1157.5	901.4	687.8	534.8	402.7
-2.5°	2766.2	2536.4	2282.0	2011.9	1738.0	1438.0	1162.6	907.5	696.7	537.7	408.6
-5°	2775.5	2542.3	2289.1	2032.1	1736.5	1449.3	1161.9	909.4	702.4	538.8	413.0
-7.5°	2771.4	2540.3	2289.4	2038.4	1728.7	1451.9	1155.6	907.4	704.8	538.0	415.7
-10°	2758.9	2530.0	2280.6	2022.1	1721.4	1441.7	1144.4	901.6	703.4	535.7	416.7
-12.5°	2739.9	2510.7	2262.8	1998.5	1706.3	1420.5	1131.1	891.7	697.8	532.0	416.0
-15°	2715.2	2482.7	2235.6	1968.6	1681.5	1392.3	1111.2	877.4	686.7	527.8	413.6
-17.5°	2683.6	2446.2	2199.0	1933.1	1646.6	1357.5	1084.5	858.7	672.9	522.7	408.6
-20°	2627.1	2397.1	2152.5	1892.8	1601.3	1316.2	1050.8	835.7	656.4	515.4	401.5



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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°	2563.7	2336.4	2094.6	1838.4	1546.7	1268.7	1010.0	808.3	637.4	505.9	392.9
-25°	2496.0	2268.1	2027.3	1763.0	1486.4	1218.5	969.2	776.6	616.0	494.1	383.0
-27.5°	2416.5	2190.6	1951.0	1680.0	1416.4	1160.2	930.1	748.5	595.3	480.1	371.7
-30°	2327.2	2099.6	1855.6	1591.4	1339.7	1092.9	886.2	718.6	577.8	464.8	359.2
-32.5°	2224.7	1999.3	1749.9	1500.8	1258.6	1021.4	837.8	686.5	557.5	448.5	347.5
-35°	2108.1	1882.5	1637.9	1403.5	1172.8	963.6	790.4	652.5	534.6	431.0	335.3
-37.5°	1986.7	1757.3	1525.9	1301.9	1081.5	901.1	747.8	618.9	509.0	412.2	321.7
-40°	1848.0	1628.4	1408.3	1197.2	1002.4	834.0	701.8	585.7	484.8	392.1	306.9
-42.5°	1705.2	1493.2	1285.7	1086.5	924.3	779.3	653.5	550.0	459.2	372.8	290.9
-45°	1551.2	1350.5	1155.3	993.1	845.0	721.4	611.3	513.0	431.9	353.0	274.3
-47.5°	1388.8	1200.0	1036.8	895.8	777.5	663.3	566.3	481.0	403.3	331.7	257.7
-50°	1216.7	1059.9	927.6	811.2	704.8	610.9	521.5	447.5	377.0	308.3	240.3
-52.5°	1064.2	938.6	829.1	729.5	640.7	555.8	483.0	413.1	350.0	285.9	222.1
-55°	933.6	830.5	738.2	655.3	577.1	508.6	442.9	382.6	322.2	263.4	203.6
-57.5°	820.7	730.7	656.8	584.8	520.2	461.8	406.4	351.4	295.5	240.1	189.0
-60°	712.3	645.1	579.3	521.5	466.8	417.3	372.0	320.2	268.7	216.8	172.8
-62.5°	618.7	561.3	511.6	461.2	415.8	375.4	337.3	289.7	241.0	195.3	155.2
-65°	531.0	486.9	444.6	404.3	366.6	332.4	301.6	258.4	213.3	172.4	136.9
-67.5°	447.7	414.5	381.2	347.4	317.8	290.0	263.7	224.7	184.3	148.4	118.8
-70°	373.2	344.9	318.8	293.7	269.6	246.5	221.7	188.8	154.1	126.9	100.2
-72.5°	302.9	282.2	260.5	239.9	222.1	201.8	179.0	153.3	129.0	104.9	81.2
-75°	237.9	224.2	209.0	192.6	176.0	157.9	142.8	124.8	103.6	82.6	65.4
-77.5°	190.3	177.0	161.7	148.7	137.6	125.1	111.4	95.8	79.0	64.2	50.6
-80°	140.4	130.2	121.5	114.0	103.7	92.4	81.1	69.7	57.4	46.0	35.4
-82.5°	85.6	83.4	81.0	77.5	69.0	60.6	52.4	44.3	35.6	27.5	22.7
-85°	42.8	42.0	40.7	38.9	33.6	28.5	26.1	23.7	20.8	17.9	15.2
-87.5°	14.1	15.2	16.0	16.6	15.5	14.3	13.1	11.9	10.4	9.0	7.6
-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):

	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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
82.5°	1.4	1.2	0.9	0.7	0.5	0.3	0.0
80°	1.8	1.6	1.2	0.9	0.6	0.4	0.0
77.5°	1.8	1.8	1.6	1.2	0.8	0.5	0.0
75°	1.8	1.9	1.8	1.4	0.9	0.6	0.0
72.5°	1.8	1.9	1.9	1.6	1.1	0.7	0.0
70°	1.9	2.0	2.0	1.8	1.3	0.8	0.0
67.5°	2.1	2.1	2.1	1.9	1.4	0.9	0.0
65°	2.4	2.4	2.2	2.0	1.6	1.0	0.0
62.5°	2.8	3.0	2.3	2.1	1.8	1.1	0.0
60°	3.4	3.6	2.4	2.2	1.9	1.2	0.0
57.5°	6.2	4.4	3.1	2.3	2.0	1.2	0.0
55°	9.9	5.2	3.8	2.4	2.1	1.3	0.0
52.5°	14.2	6.6	4.6	2.5	2.2	1.4	0.0
50°	19.1	11.3	5.5	2.6	2.3	1.5	0.0
47.5°	25.7	16.2	6.3	2.8	2.4	1.6	0.0
45°	38.7	21.6	7.2	3.5	2.5	1.7	0.0
42.5°	52.1	27.3	8.2	4.2	2.7	1.8	0.0
40°	65.8	33.3	11.0	5.1	2.8	1.8	0.0
37.5°	79.7	39.7	15.7	6.2	2.9	1.9	0.0
35°	93.9	49.3	20.5	7.4	3.0	2.0	0.0
32.5°	109.2	60.4	25.4	8.7	3.1	2.1	0.0
30°	126.7	71.5	30.3	10.2	3.2	2.1	0.0
27.5°	143.9	82.4	36.3	11.7	3.4	2.2	0.0
25°	160.7	93.2	42.5	13.3	3.5	2.3	0.0
22.5°	177.0	104.2	48.7	15.0	3.6	2.3	0.0
20°	192.8	116.0	54.8	16.7	3.7	2.4	0.0
17.5°	208.4	127.4	60.8	18.5	3.8	2.4	0.0
15°	223.3	138.3	66.6	20.2	3.9	2.5	0.0
12.5°	237.3	148.8	72.3	22.0	4.0	2.5	0.0
10°	250.3	158.6	77.7	23.7	4.1	2.6	0.0
7.5°	262.2	167.9	82.8	25.4	4.2	2.6	0.0
5°	273.1	176.4	87.6	27.0	4.3	2.7	0.0
2.5°	282.8	184.1	92.0	28.5	4.4	2.7	0.0
0°	291.4	191.0	95.9	29.9	4.5	2.7	0.0
-2.5°	295.7	195.3	99.6	31.8	5.2	2.9	0.0
-5°	298.8	198.8	102.7	33.6	5.9	3.0	0.0
-7.5°	300.8	201.3	105.2	35.2	6.6	3.1	0.0
-10°	301.7	202.8	107.1	36.6	7.2	3.3	0.0
-12.5°	301.5	203.5	108.4	37.8	7.9	3.4	0.0
-15°	300.3	203.2	109.0	38.7	8.4	3.5	0.0
-17.5°	298.1	201.9	109.0	39.4	9.0	3.6	0.0
-20°	294.7	199.8	108.2	39.8	9.5	3.7	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	289.8	196.8	106.7	39.9	9.9	3.8	0.0
-25°	283.7	192.0	104.4	39.7	10.3	3.8	0.0
-27.5°	276.5	186.1	101.3	39.2	10.7	3.9	0.0
-30°	268.2	179.4	97.5	38.4	11.0	3.9	0.0
-32.5°	258.7	171.9	93.1	37.3	11.2	3.9	0.0
-35°	248.5	163.6	88.2	35.8	11.3	3.9	0.0
-37.5°	237.5	155.3	82.7	34.0	11.4	3.9	0.0
-40°	225.7	147.8	76.8	31.9	11.4	3.9	0.0
-42.5°	213.0	139.7	72.3	29.6	11.4	3.8	0.0
-45°	199.6	131.1	69.3	27.3	11.2	3.7	0.0
-47.5°	185.3	122.0	65.6	24.6	11.0	3.6	0.0
-50°	173.4	112.4	61.5	23.8	10.8	3.5	0.0
-52.5°	161.5	102.4	56.8	23.3	10.4	3.4	0.0
-55°	149.1	94.8	51.6	22.6	10.0	3.3	0.0
-57.5°	136.3	87.1	45.9	21.6	9.6	3.1	0.0
-60°	123.3	78.7	39.9	20.4	9.0	2.9	0.0
-62.5°	111.4	69.6	37.1	18.9	8.5	2.7	0.0
-65°	98.6	59.9	33.9	17.3	7.9	2.5	0.0
-67.5°	85.1	51.8	30.3	15.4	7.2	2.3	0.0
-70°	70.8	45.3	26.3	13.4	6.5	2.1	0.0
-72.5°	59.9	38.3	22.1	11.8	5.8	1.9	0.0
-75°	48.9	31.0	17.6	10.2	5.0	1.6	0.0
-77.5°	37.5	23.2	14.5	8.6	4.2	1.4	0.0
-80°	25.5	17.7	11.7	7.0	3.4	1.1	0.0
-82.5°	18.8	13.4	8.9	5.3	2.6	0.8	0.0
-85°	12.6	9.0	5.9	3.5	1.7	0.6	0.0
-87.5°	6.3	4.5	3.0	1.8	0.9	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)