

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: P645411 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3B-740-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645411 (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-SA3B-740-U-LAM-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

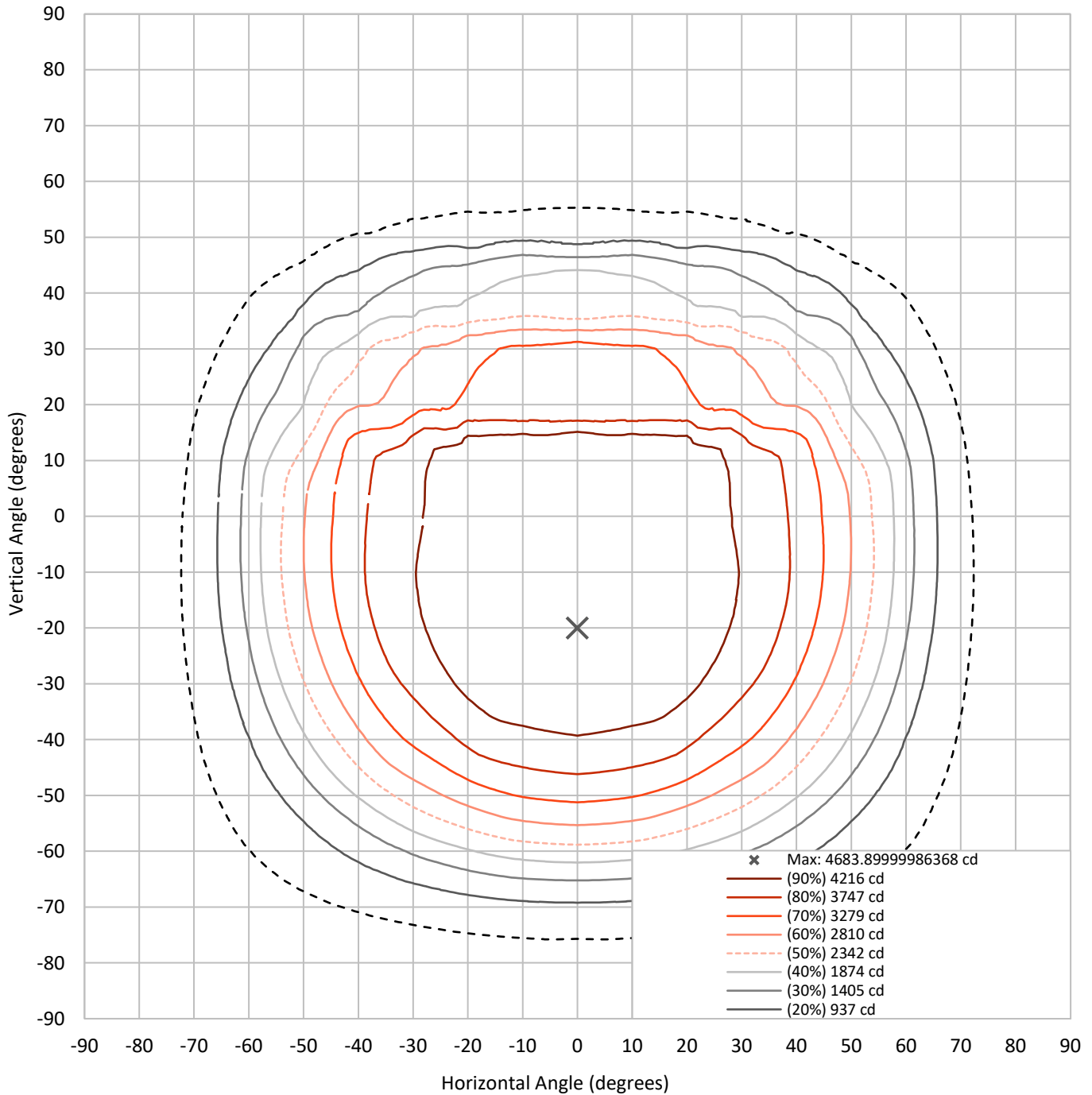
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	10982.8 lumens	Max Intensity:	4683.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	117.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	8592.9 lumens	Field Lumens:	10764.7 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
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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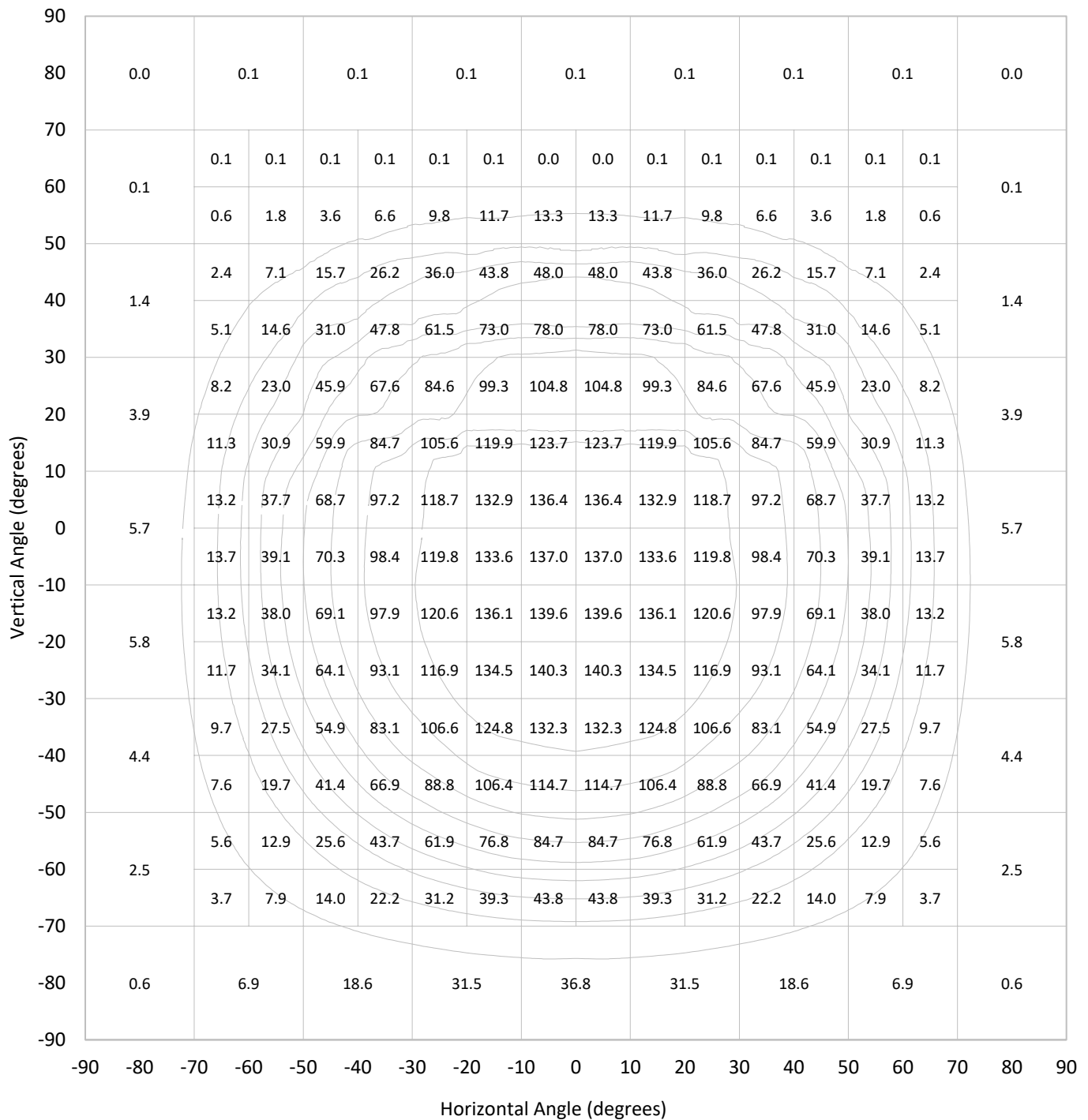
Iso-Candela Plot





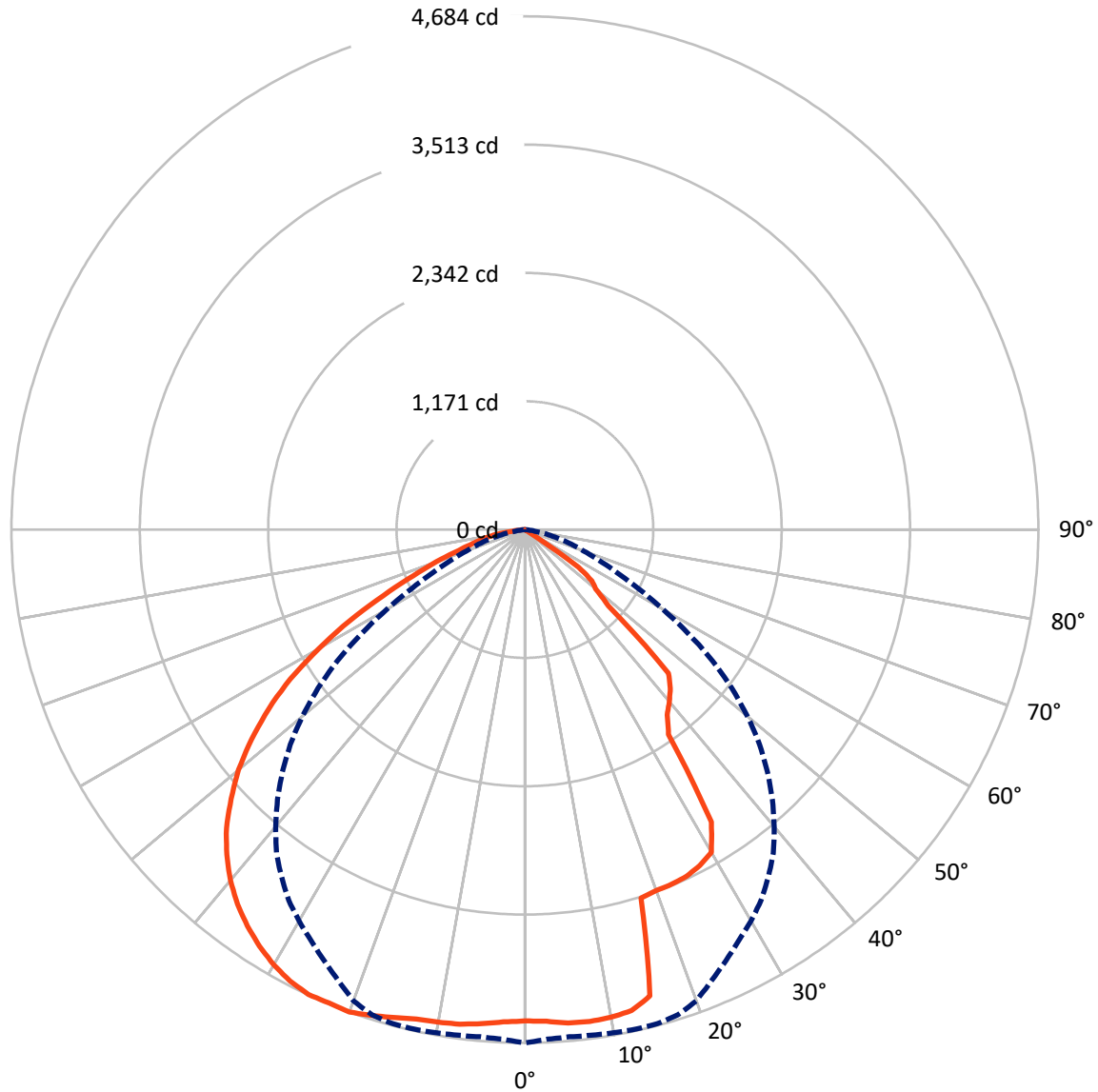
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Lumen Table



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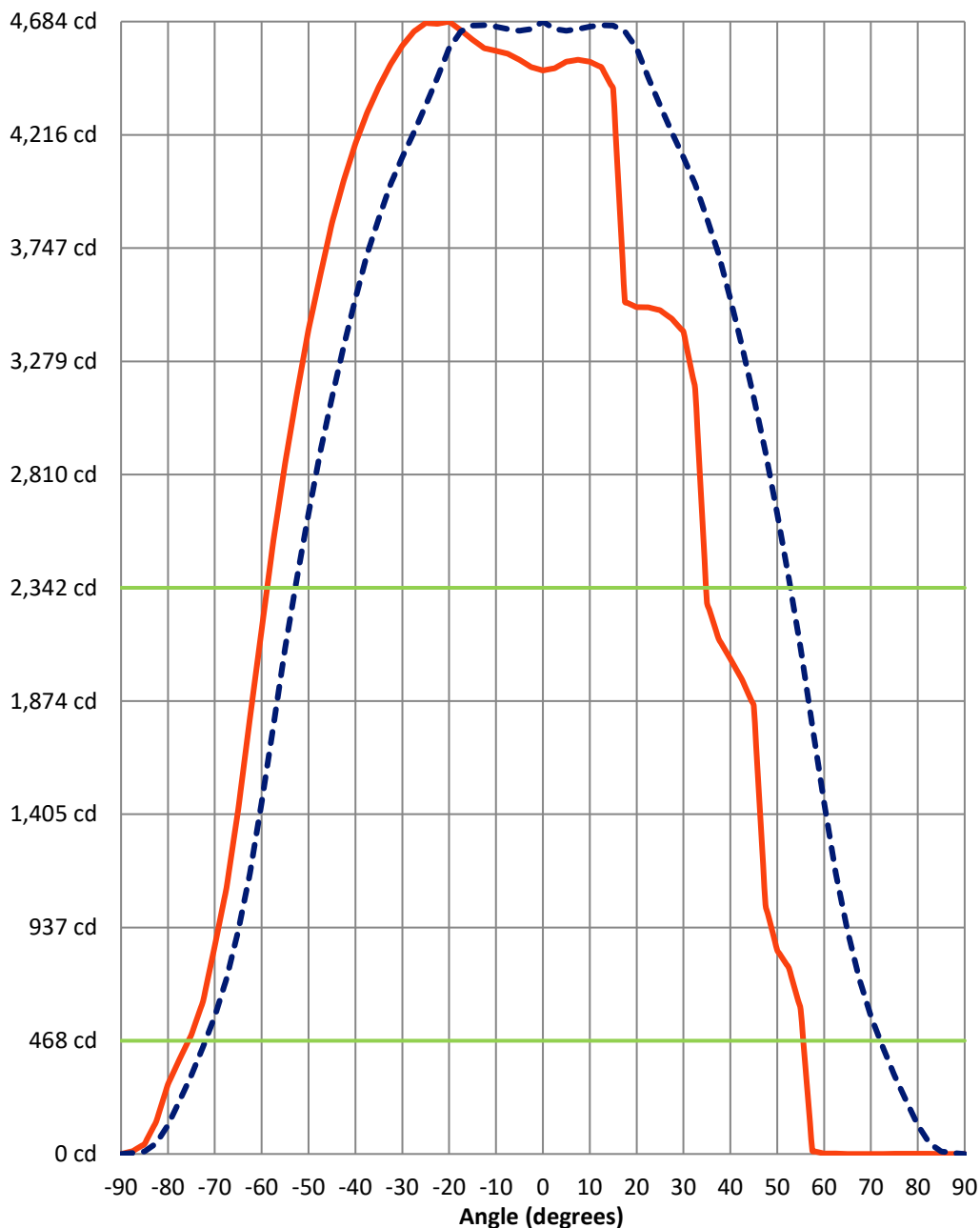
Luminous Intensity Polar Plot



— 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: 8592.9
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 10764.7
 Efficiency: 98.0%

Spill:
 Lumens: 218.1
 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	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.4
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.0	1.0	0.9
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.6	1.5	1.3	1.0
80°	0.0	0.4	0.7	1.0	1.4	1.7	2.0	1.8	1.5	1.3	1.0
77.5°	0.0	0.5	0.9	1.3	1.7	2.0	2.0	1.8	1.5	1.3	1.1
75°	0.0	0.7	1.1	1.5	2.0	2.1	2.0	1.8	1.6	1.3	1.1
72.5°	0.0	0.8	1.2	1.8	2.1	2.2	2.1	1.8	1.6	1.3	1.1
70°	0.0	0.9	1.4	2.0	2.2	2.2	2.1	1.8	1.6	1.4	1.6
67.5°	0.0	1.0	1.6	2.1	2.3	2.3	2.3	1.9	1.7	2.2	2.3
65°	0.0	1.1	1.8	2.2	2.4	2.7	2.7	1.9	2.7	3.1	3.9
62.5°	0.0	1.2	1.9	2.3	2.5	3.3	3.1	2.7	3.7	5.5	8.7
60°	0.0	1.3	2.1	2.4	2.6	4.0	3.7	3.8	4.8	13.9	15.1
57.5°	0.0	1.4	2.2	2.5	3.4	4.8	6.8	5.3	13.6	23.6	27.4
55°	0.0	1.5	2.4	2.6	4.2	5.7	10.9	8.6	25.2	36.4	44.4
52.5°	0.0	1.6	2.5	2.7	5.1	7.3	15.7	21.9	37.9	57.1	64.4
50°	0.0	1.7	2.6	2.9	6.0	12.4	21.1	37.0	54.1	80.2	100.5
47.5°	0.0	1.8	2.7	3.1	7.0	17.9	28.4	52.9	78.0	105.6	137.5
45°	0.0	1.9	2.8	3.9	8.0	23.9	42.8	69.4	104.7	137.6	173.4
42.5°	0.0	2.0	3.0	4.6	9.0	30.2	57.6	90.4	131.9	168.8	214.8
40°	0.0	2.1	3.1	5.6	12.1	36.8	72.7	114.3	159.9	199.4	259.1
37.5°	0.0	2.1	3.2	6.8	17.3	43.8	88.1	138.3	189.3	236.2	305.3
35°	0.0	2.2	3.3	8.2	22.6	54.5	103.7	162.2	219.1	281.3	360.0
32.5°	0.0	2.3	3.5	9.6	28.0	66.8	120.7	186.1	249.3	326.7	426.5
30°	0.0	2.4	3.6	11.2	33.4	79.0	140.0	210.2	279.8	372.3	490.3
27.5°	0.0	2.5	3.7	12.9	40.1	91.1	159.1	235.3	313.3	417.7	551.2
25°	0.0	2.5	3.9	14.7	46.9	103.0	177.6	260.1	351.0	467.4	609.3
22.5°	0.0	2.6	4.0	16.5	53.7	115.1	195.6	284.5	388.1	517.0	668.2
20°	0.0	2.7	4.1	18.4	60.5	128.1	213.0	308.4	424.1	563.8	725.6
17.5°	0.0	2.7	4.2	20.4	67.2	140.7	230.2	331.6	459.0	607.7	781.2
15°	0.0	2.8	4.4	22.3	73.6	152.8	246.8	353.2	492.6	648.7	834.6
12.5°	0.0	2.8	4.5	24.3	79.9	164.4	262.2	372.4	519.3	686.7	885.5
10°	0.0	2.9	4.6	26.2	85.9	175.3	276.6	390.1	539.3	709.4	926.9
7.5°	0.0	2.9	4.7	28.0	91.6	185.5	289.8	406.3	556.3	727.1	951.0
5°	0.0	2.9	4.8	29.8	96.8	194.9	301.8	420.8	570.5	741.3	970.7
2.5°	0.0	3.0	4.9	31.5	101.7	203.4	312.5	433.8	582.0	752.2	985.7
0°	0.0	3.0	5.0	33.0	106.0	211.0	322.0	445.0	591.0	760.0	996.0
-2.5°	0.0	3.2	5.8	35.2	110.0	215.8	326.7	451.6	594.2	769.8	1002.7
-5°	0.0	3.3	6.6	37.1	113.5	219.6	330.2	456.4	595.4	776.2	1004.9
-7.5°	0.0	3.5	7.3	38.9	116.3	222.4	332.4	459.3	594.5	778.8	1002.6
-10°	0.0	3.6	8.0	40.4	118.4	224.1	333.4	460.5	592.0	777.2	996.3
-12.5°	0.0	3.8	8.7	41.7	119.8	224.8	333.2	459.7	587.9	771.0	985.3
-15°	0.0	3.9	9.4	42.8	120.5	224.5	331.9	457.0	583.2	758.7	969.5
-17.5°	0.0	4.0	10.0	43.5	120.4	223.1	329.4	451.5	577.6	743.5	948.8
-20°	0.0	4.1	10.5	43.9	119.5	220.8	325.7	443.6	569.5	725.3	923.4

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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°	0.0	4.2	11.0	44.1	117.8	217.4	320.2	434.2	559.0	704.3	893.1
-25°	0.0	4.3	11.5	43.9	115.3	212.2	313.5	423.2	546.0	680.6	858.1
-27.5°	0.0	4.3	11.8	43.3	112.0	205.7	305.6	410.8	530.5	657.8	827.1
-30°	0.0	4.3	12.1	42.4	107.8	198.2	296.3	396.9	513.6	638.4	794.0
-32.5°	0.0	4.3	12.4	41.2	102.9	189.9	285.9	384.0	495.6	616.0	758.6
-35°	0.0	4.3	12.5	39.6	97.4	180.8	274.6	370.5	476.2	590.7	721.0
-37.5°	0.0	4.3	12.6	37.6	91.4	171.6	262.4	355.5	455.4	562.4	683.9
-40°	0.0	4.3	12.6	35.3	84.9	163.3	249.3	339.2	433.3	535.6	647.2
-42.5°	0.0	4.2	12.6	32.7	79.9	154.3	235.3	321.4	411.9	507.4	607.8
-45°	0.0	4.1	12.4	30.2	76.5	144.8	220.5	303.1	390.0	477.2	566.9
-47.5°	0.0	4.0	12.2	27.2	72.6	134.8	204.7	284.7	366.6	445.6	531.5
-50°	0.0	3.9	11.9	26.3	68.0	124.2	191.6	265.5	340.7	416.6	494.5
-52.5°	0.0	3.8	11.5	25.7	62.8	113.1	178.4	245.3	315.9	386.7	456.5
-55°	0.0	3.6	11.0	24.9	57.0	104.7	164.8	225.0	291.0	356.0	422.7
-57.5°	0.0	3.4	10.5	23.9	50.7	96.2	150.6	208.8	265.3	326.6	388.3
-60°	0.0	3.2	9.9	22.5	44.1	86.9	136.2	190.9	239.6	296.9	353.8
-62.5°	0.0	3.0	9.3	20.9	41.0	76.9	123.1	171.5	215.8	266.3	320.1
-65°	0.0	2.8	8.7	19.1	37.4	66.2	109.0	151.3	190.5	235.7	285.5
-67.5°	0.0	2.6	7.9	17.0	33.5	57.2	94.0	131.2	164.0	203.7	248.3
-70°	0.0	2.3	7.2	14.8	29.1	50.0	78.2	110.7	140.2	170.2	208.6
-72.5°	0.0	2.0	6.4	13.0	24.4	42.4	66.2	89.8	115.9	142.5	169.4
-75°	0.0	1.8	5.5	11.3	19.4	34.2	54.1	72.3	91.3	114.4	137.9
-77.5°	0.0	1.5	4.7	9.5	16.0	25.7	41.4	55.9	71.0	87.3	105.9
-80°	0.0	1.2	3.8	7.7	13.0	19.6	28.3	39.2	50.8	63.5	77.0
-82.5°	0.0	0.9	2.9	5.8	9.8	14.8	20.8	25.1	30.4	39.3	48.9
-85°	0.0	0.6	1.9	3.9	6.6	9.9	13.9	16.8	19.8	22.9	26.1
-87.5°	0.0	0.3	1.0	2.0	3.3	5.0	7.0	8.4	9.9	11.5	13.1
-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: P645411 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.2	1.3	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.6	1.6	1.4	1.2	1.0	1.1	1.1	1.1	1.0	1.0	1.0
67.5°	1.9	1.7	1.5	1.4	1.4	1.5	1.5	1.2	1.0	1.0	1.0
65°	2.0	1.7	2.5	2.8	2.1	1.8	1.5	1.3	1.4	1.4	1.4
62.5°	3.0	3.7	4.8	8.5	6.3	1.8	3.3	3.9	2.9	2.4	2.5
60°	9.8	6.6	19.7	28.2	17.6	6.4	7.9	26.1	22.6	4.2	14.1
57.5°	20.5	28.2	51.9	52.8	36.5	25.2	73.3	84.7	64.1	37.4	57.2
55°	45.2	69.5	86.1	79.7	87.0	131.8	156.6	140.6	118.4	182.1	232.7
52.5°	88.3	113.1	118.7	136.3	195.1	224.1	214.8	229.7	297.9	369.9	385.6
50°	130.4	150.6	166.4	240.6	286.6	289.5	310.9	378.5	469.4	513.5	502.8
47.5°	171.0	192.0	265.5	336.8	357.5	385.8	439.2	569.6	665.9	667.8	656.9
45°	214.0	270.1	363.9	410.4	443.9	498.7	627.7	807.5	816.8	843.0	1003.7
42.5°	260.0	358.2	440.1	488.4	542.6	644.8	816.9	934.9	975.5	1089.8	1219.1
40°	334.5	443.3	514.8	576.7	646.3	795.4	983.9	1094.5	1127.5	1226.5	1323.6
37.5°	410.1	514.4	594.6	669.1	765.7	966.9	1185.0	1276.2	1292.9	1311.0	1526.3
35°	482.9	587.3	683.3	780.9	899.2	1188.9	1379.6	1465.3	1462.7	1584.9	1810.3
32.5°	550.9	661.8	775.1	905.6	1101.0	1397.7	1588.5	1639.8	1717.6	1895.5	2203.2
30°	618.8	745.0	875.0	1030.5	1278.0	1535.2	1752.9	1835.5	1968.9	2171.9	2395.8
27.5°	688.8	830.2	987.5	1169.7	1417.7	1654.1	1840.1	2037.4	2167.0	2348.9	2508.2
25°	758.5	920.4	1098.5	1291.4	1517.5	1737.9	1930.3	2158.1	2297.3	2443.9	2592.5
22.5°	831.6	1011.9	1213.0	1387.8	1601.7	1809.1	2038.1	2285.3	2466.2	2559.4	2659.1
20°	908.0	1110.9	1325.4	1519.0	1684.8	1875.3	2146.4	2446.7	2680.2	2785.1	2798.7
17.5°	983.3	1206.8	1437.4	1647.0	1825.9	1995.4	2260.1	2640.0	2930.5	3027.9	3071.3
15°	1056.8	1299.1	1548.8	1771.6	1967.9	2175.3	2457.9	2844.3	3176.3	3284.2	3352.4
12.5°	1127.7	1387.0	1658.4	1892.1	2110.1	2342.7	2637.5	2991.2	3294.3	3503.0	3628.1
10°	1195.2	1470.1	1764.8	2007.7	2250.7	2497.9	2786.2	3100.7	3347.4	3548.7	3726.3
7.5°	1229.3	1524.4	1856.2	2117.7	2387.7	2641.4	2907.9	3177.8	3385.6	3583.1	3754.9
5°	1252.5	1546.7	1884.8	2156.1	2460.5	2737.1	2995.8	3228.5	3410.6	3606.3	3774.1
2.5°	1269.0	1561.1	1904.1	2177.1	2487.9	2766.5	3021.2	3245.5	3431.2	3622.9	3794.7
0°	1279.0	1568.0	1914.0	2190.0	2505.0	2785.9	3035.9	3251.9	3444.9	3630.9	3815.9
-2.5°	1284.6	1589.0	1920.6	2223.2	2521.5	2802.6	3056.5	3267.3	3469.0	3646.0	3831.5
-5°	1283.9	1601.5	1918.8	2245.5	2529.5	2809.1	3066.8	3274.3	3482.1	3657.3	3837.8
-7.5°	1277.0	1604.4	1910.2	2252.5	2529.8	2806.9	3062.3	3277.7	3481.9	3667.7	3838.4
-10°	1264.5	1593.1	1902.2	2234.4	2520.1	2795.5	3048.5	3270.3	3473.8	3665.6	3835.1
-12.5°	1249.9	1569.7	1885.5	2208.4	2500.3	2774.3	3027.5	3251.6	3458.6	3649.9	3827.4
-15°	1227.9	1538.6	1858.1	2175.3	2470.3	2743.3	3000.2	3221.0	3435.1	3622.5	3804.8
-17.5°	1198.3	1500.0	1819.6	2136.1	2429.9	2703.0	2965.3	3180.7	3393.7	3587.4	3763.3
-20°	1161.1	1454.4	1769.5	2091.5	2378.6	2648.8	2902.9	3128.5	3340.1	3537.1	3721.9

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1116.1	1401.9	1709.2	2031.4	2314.6	2581.7	2832.7	3062.0	3281.3	3471.8	3668.7
-25°	1071.0	1346.4	1642.5	1948.1	2240.1	2506.2	2757.9	2981.3	3205.4	3403.6	3590.6
-27.5°	1027.7	1282.0	1565.2	1856.4	2155.8	2420.6	2670.1	2893.6	3111.2	3327.9	3508.0
-30°	979.3	1207.6	1480.4	1758.6	2050.4	2320.0	2571.4	2803.3	3010.3	3224.3	3417.7
-32.5°	925.7	1128.6	1390.8	1658.4	1933.6	2209.2	2458.3	2688.6	2904.0	3106.3	3309.3
-35°	873.4	1064.8	1295.9	1550.9	1809.9	2080.2	2329.5	2557.6	2781.1	2981.6	3175.5
-37.5°	826.4	995.7	1195.0	1438.6	1686.1	1941.8	2195.3	2416.2	2628.9	2849.2	3038.4
-40°	775.5	921.5	1107.6	1322.9	1556.2	1799.4	2042.1	2270.6	2470.6	2688.3	2896.3
-42.5°	722.1	861.1	1021.4	1200.5	1420.7	1650.0	1884.3	2107.8	2315.5	2520.9	2727.0
-45°	675.4	797.2	933.7	1097.3	1276.6	1492.2	1714.1	1936.9	2136.2	2332.0	2535.6
-47.5°	625.8	732.9	859.2	989.8	1145.7	1326.0	1534.6	1740.1	1944.1	2130.4	2310.6
-50°	576.3	675.1	778.8	896.4	1025.0	1171.2	1344.5	1535.5	1721.9	1913.1	2091.6
-52.5°	533.7	614.2	707.9	806.1	916.2	1037.1	1176.0	1332.8	1502.3	1664.7	1842.7
-55°	489.4	562.0	637.7	724.1	815.7	917.8	1031.6	1163.5	1292.8	1442.9	1588.3
-57.5°	449.1	510.3	574.8	646.2	725.8	807.5	906.9	1009.5	1126.9	1243.5	1358.6
-60°	411.0	461.1	515.8	576.2	640.2	712.9	787.1	875.2	969.8	1062.9	1160.5
-62.5°	372.7	414.8	459.4	509.6	565.4	620.3	683.7	751.5	821.1	900.0	977.1
-65°	333.3	367.3	405.1	446.8	491.2	538.0	586.7	637.0	696.1	754.0	810.0
-67.5°	291.4	320.5	351.1	383.9	421.2	458.0	494.6	537.1	580.6	623.5	667.8
-70°	245.0	272.4	297.9	324.5	352.3	381.0	412.4	443.5	474.2	506.3	541.9
-72.5°	197.8	223.0	245.5	265.1	287.9	311.8	334.7	356.6	379.7	404.1	428.2
-75°	157.7	174.4	194.5	212.8	230.9	247.7	262.8	281.4	300.7	318.4	333.0
-77.5°	123.1	138.3	152.0	164.3	178.7	195.6	210.3	222.9	235.2	248.6	262.8
-80°	89.6	102.2	114.6	126.0	134.3	143.9	155.1	168.0	179.2	188.3	196.6
-82.5°	57.8	66.9	76.2	85.7	89.5	92.2	94.6	99.1	106.0	112.9	119.4
-85°	28.8	31.5	37.1	42.9	45.0	46.4	47.3	47.9	50.2	52.4	54.3
-87.5°	14.4	15.7	17.1	18.3	17.7	16.7	15.6	14.2	13.8	13.4	12.9
-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: P645411 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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°	0.8	0.8	0.9	0.9	0.9	0.7	0.5	0.2	0.0	0.0	0.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.7	0.5
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
67.5°	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6
65°	1.4	1.4	1.4	1.4	1.2	1.2	1.2	1.2	1.1	0.9	0.6
62.5°	2.5	2.8	2.2	2.2	2.2	2.1	2.0	1.9	1.8	1.7	1.8
60°	15.7	9.3	5.4	6.3	5.7	3.8	4.8	5.6	5.7	5.2	4.6
57.5°	86.9	64.9	48.1	114.7	115.1	54.9	66.2	104.0	85.7	28.1	26.1
55°	241.8	289.2	380.6	361.5	367.4	422.6	461.5	408.5	400.5	426.8	493.0
52.5°	434.4	479.6	510.4	539.1	574.2	611.8	650.6	675.2	698.3	722.9	737.5
50°	554.8	618.4	662.2	646.1	736.7	773.8	736.1	769.8	810.8	822.1	827.3
47.5°	819.1	912.5	931.1	991.2	1045.3	1044.1	998.2	1000.9	1123.1	1230.8	1283.8
45°	1177.2	1180.4	1239.1	1345.4	1421.3	1397.4	1461.5	1607.2	1655.7	1702.6	1741.1
42.5°	1316.7	1374.5	1468.2	1562.2	1618.8	1667.9	1715.4	1768.9	1831.9	1883.0	1923.8
40°	1451.8	1498.4	1594.3	1670.0	1716.9	1762.7	1818.0	1877.4	1935.0	1979.9	2010.5
37.5°	1659.7	1695.8	1719.2	1789.4	1878.1	1837.2	1942.1	2017.3	2051.7	2097.3	2101.4
35°	1974.2	1950.2	1919.1	2198.6	2215.4	2121.0	2219.1	2335.7	2274.3	2402.2	2471.0
32.5°	2253.1	2249.5	2493.4	2640.4	2555.9	2624.9	2851.0	2841.0	2991.8	3061.7	3041.8
30°	2515.8	2605.3	2746.4	2855.9	2870.6	2979.4	3079.8	3167.8	3258.8	3340.4	3346.0
27.5°	2649.1	2766.0	2861.8	2925.2	2995.8	3087.4	3178.6	3277.7	3355.1	3406.2	3418.7
25°	2729.7	2849.2	2921.7	2989.9	3068.0	3147.0	3249.0	3356.9	3419.1	3450.7	3460.7
22.5°	2800.8	2908.2	2986.2	3041.5	3125.5	3210.5	3305.6	3397.0	3464.6	3478.3	3483.4
20°	2869.3	2972.5	3102.7	3184.1	3180.1	3275.9	3367.6	3440.2	3496.5	3496.2	3497.5
17.5°	3067.3	3104.2	3340.5	3520.0	3431.1	3384.3	3636.4	3641.2	3656.2	3626.4	3561.9
15°	3360.6	3427.6	3718.0	3912.5	3851.3	3848.1	4212.3	4122.0	4199.7	4179.3	4266.8
12.5°	3671.2	3750.6	3967.6	4158.6	4249.6	4272.0	4393.6	4507.6	4531.0	4521.8	4504.6
10°	3882.8	3995.9	4083.0	4199.0	4290.8	4384.4	4454.9	4536.8	4563.6	4548.1	4526.2
7.5°	3910.3	4022.1	4124.4	4226.2	4313.6	4389.1	4462.2	4528.8	4556.1	4547.1	4532.0
5°	3927.9	4029.1	4128.3	4231.5	4315.1	4385.0	4457.9	4525.4	4541.5	4530.7	4516.0
2.5°	3938.7	4032.4	4128.0	4230.8	4306.7	4373.3	4447.0	4519.1	4518.9	4514.2	4505.6
0°	3943.9	4037.9	4148.9	4241.9	4326.9	4389.9	4462.9	4532.9	4527.9	4514.9	4499.9
-2.5°	3955.1	4050.4	4163.7	4240.7	4336.6	4394.3	4469.7	4530.3	4528.0	4521.6	4514.2
-5°	3965.2	4072.3	4178.3	4259.3	4355.4	4430.8	4505.8	4553.2	4555.7	4546.8	4534.3
-7.5°	3971.3	4090.0	4191.1	4272.5	4365.7	4453.4	4529.5	4579.2	4580.3	4568.5	4553.5
-10°	3969.2	4094.6	4198.7	4282.8	4378.2	4464.8	4544.4	4607.5	4605.4	4594.1	4581.4
-12.5°	3961.7	4087.0	4193.8	4278.2	4386.5	4475.7	4565.2	4627.9	4631.3	4622.8	4609.0
-15°	3945.3	4074.5	4178.5	4270.6	4376.8	4481.1	4573.0	4642.2	4654.6	4647.7	4636.8
-17.5°	3912.7	4049.1	4159.4	4258.7	4360.5	4471.7	4576.2	4651.9	4668.8	4666.1	4657.0
-20°	3869.9	4010.7	4122.6	4226.7	4337.6	4452.0	4573.7	4642.9	4667.4	4668.9	4662.8



REPORT NUMBER: P645411 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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°	3821.9	3959.7	4078.4	4180.7	4301.0	4416.9	4527.0	4608.0	4649.2	4656.8	4657.4
-25°	3764.3	3905.9	4023.9	4132.8	4244.7	4364.4	4475.7	4566.1	4607.8	4627.7	4633.9
-27.5°	3682.9	3829.3	3945.4	4060.5	4174.3	4297.9	4414.9	4513.3	4547.2	4574.6	4585.6
-30°	3587.6	3732.3	3850.7	3955.9	4086.1	4212.2	4332.9	4418.7	4469.9	4501.2	4518.4
-32.5°	3478.0	3624.1	3748.3	3858.2	3982.0	4108.0	4221.6	4312.1	4382.6	4418.8	4437.1
-35°	3359.1	3508.3	3638.3	3754.1	3870.6	3990.8	4108.5	4203.1	4283.5	4314.6	4337.5
-37.5°	3215.7	3380.3	3513.7	3633.1	3743.7	3856.7	3979.3	4087.5	4165.5	4195.7	4219.9
-40°	3068.7	3227.8	3362.3	3489.6	3599.1	3722.4	3840.5	3953.9	4021.6	4056.8	4084.2
-42.5°	2913.5	3057.2	3185.1	3308.8	3430.7	3557.6	3675.6	3793.5	3852.1	3894.5	3928.0
-45°	2734.4	2868.1	2992.3	3108.1	3233.7	3358.6	3476.6	3580.8	3650.5	3705.7	3748.6
-47.5°	2495.5	2658.4	2783.1	2893.3	3017.8	3138.2	3252.7	3350.6	3427.1	3491.6	3541.4
-50°	2253.0	2409.3	2550.0	2673.7	2789.2	2900.6	3009.5	3105.3	3186.2	3256.1	3306.6
-52.5°	2014.1	2160.6	2300.2	2427.9	2539.0	2644.1	2743.7	2840.1	2925.4	3000.1	3049.0
-55°	1744.1	1895.9	2034.0	2153.1	2264.1	2368.0	2466.4	2557.8	2641.7	2717.9	2764.6
-57.5°	1490.9	1624.0	1752.5	1862.5	1967.2	2066.2	2159.5	2247.0	2327.8	2399.5	2444.6
-60°	1258.1	1355.2	1465.8	1567.3	1660.1	1744.4	1831.4	1913.0	1987.3	2050.3	2092.3
-62.5°	1052.4	1132.8	1212.7	1289.9	1365.2	1440.9	1513.7	1581.4	1643.4	1695.0	1731.9
-65°	869.0	933.7	991.4	1046.2	1098.3	1158.0	1213.4	1265.5	1313.8	1353.3	1381.4
-67.5°	715.6	761.0	800.9	838.5	879.6	921.8	961.3	995.8	1025.3	1048.7	1067.2
-70°	577.1	610.5	640.6	670.5	700.6	728.0	754.2	779.5	803.6	823.2	837.9
-72.5°	451.9	474.8	495.3	518.3	539.9	560.7	578.8	593.5	604.8	615.9	625.5
-75°	344.5	361.7	384.8	404.4	420.5	434.8	447.9	459.5	469.8	478.9	486.8
-77.5°	277.1	291.7	306.4	320.7	334.5	344.7	354.2	363.7	373.1	381.1	388.2
-80°	205.4	216.3	227.6	239.0	250.5	256.1	260.6	264.8	268.5	273.3	277.8
-82.5°	125.6	131.7	138.1	144.5	150.8	152.5	153.0	152.9	152.0	150.3	147.6
-85°	55.9	56.2	56.0	55.4	54.3	52.1	49.4	46.3	42.8	42.2	41.6
-87.5°	12.3	12.0	11.7	11.3	10.9	10.9	10.8	10.7	10.6	11.0	11.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645411 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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	0.5	0.7	0.9	0.9
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	0.5	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	0.5	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0
67.5°	0.4	0.1	0.0	0.0	0.0	0.1	0.4	0.6	0.9	1.0	1.0
65°	0.3	0.1	0.0	0.0	0.0	0.1	0.3	0.6	0.9	1.1	1.2
62.5°	1.8	1.9	2.0	2.0	2.0	1.9	1.8	1.8	1.7	1.8	1.9
60°	3.6	2.4	2.0	2.0	2.0	2.4	3.6	4.6	5.2	5.7	5.6
57.5°	22.1	16.5	14.0	13.0	14.0	16.5	22.1	26.1	28.1	85.7	104.0
55°	540.4	567.9	588.5	598.0	588.5	567.9	540.4	493.0	426.8	400.5	408.5
52.5°	750.4	762.3	769.2	769.0	769.2	762.3	750.4	737.5	722.9	698.3	675.2
50°	836.4	842.2	844.3	843.0	844.3	842.2	836.4	827.3	822.1	810.8	769.8
47.5°	1235.4	1128.5	1049.9	1031.0	1049.9	1128.5	1235.4	1283.8	1230.8	1123.1	1000.9
45°	1759.5	1800.1	1840.4	1853.0	1840.4	1800.1	1759.5	1741.1	1702.6	1655.7	1607.2
42.5°	1941.0	1954.2	1961.7	1962.0	1961.7	1954.2	1941.0	1923.8	1883.0	1831.9	1768.9
40°	2027.6	2040.1	2047.3	2048.0	2047.3	2040.1	2027.6	2010.5	1979.9	1935.0	1877.4
37.5°	2106.3	2116.9	2123.9	2131.0	2123.9	2116.9	2106.3	2101.4	2097.3	2051.7	2017.3
35°	2461.7	2381.2	2265.5	2283.0	2265.5	2381.2	2461.7	2471.0	2402.2	2274.3	2335.7
32.5°	3072.9	3106.8	3127.9	3163.9	3127.9	3106.8	3072.9	3041.8	3061.7	2991.8	2841.0
30°	3355.0	3366.1	3383.1	3400.9	3383.1	3366.1	3355.0	3346.0	3340.4	3258.8	3167.8
27.5°	3425.3	3436.9	3447.2	3454.9	3447.2	3436.9	3425.3	3418.7	3406.2	3355.1	3277.7
25°	3462.2	3469.4	3480.3	3489.9	3480.3	3469.4	3462.2	3460.7	3450.7	3419.1	3356.9
22.5°	3480.4	3481.2	3489.8	3501.9	3489.8	3481.2	3480.4	3483.4	3478.3	3464.6	3397.0
20°	3493.0	3486.2	3495.0	3502.9	3495.0	3486.2	3493.0	3497.5	3496.2	3496.5	3440.2
17.5°	3652.9	3561.7	3524.2	3524.9	3524.2	3561.7	3652.9	3561.9	3626.4	3656.2	3641.2
15°	4168.6	4202.9	4334.0	4404.9	4334.0	4202.9	4168.6	4266.8	4179.3	4199.7	4122.0
12.5°	4501.4	4489.3	4473.7	4494.9	4473.7	4489.3	4501.4	4504.6	4521.8	4531.0	4507.6
10°	4516.8	4515.5	4487.7	4517.9	4487.7	4515.5	4516.8	4526.2	4548.1	4563.6	4536.8
7.5°	4507.4	4508.2	4496.4	4525.9	4496.4	4508.2	4507.4	4532.0	4547.1	4556.1	4528.8
5°	4513.6	4493.3	4501.0	4517.9	4501.0	4493.3	4513.6	4516.0	4530.7	4541.5	4525.4
2.5°	4496.2	4494.1	4479.1	4490.9	4479.1	4494.1	4496.2	4505.6	4514.2	4518.9	4519.1
0°	4482.9	4471.9	4471.9	4481.9	4471.9	4471.9	4482.9	4499.9	4514.9	4527.9	4532.9
-2.5°	4506.6	4504.2	4502.8	4495.9	4502.8	4504.2	4506.6	4514.2	4521.6	4528.0	4530.3
-5°	4526.0	4520.0	4503.7	4525.9	4503.7	4520.0	4526.0	4534.3	4546.8	4555.7	4553.2
-7.5°	4546.9	4531.7	4516.2	4550.9	4516.2	4531.7	4546.9	4553.5	4568.5	4580.3	4579.2
-10°	4566.0	4544.1	4528.9	4562.9	4528.9	4544.1	4566.0	4581.4	4594.1	4605.4	4607.5
-12.5°	4591.2	4565.6	4555.5	4573.9	4555.5	4565.6	4591.2	4609.0	4622.8	4631.3	4627.9
-15°	4618.2	4600.4	4598.0	4608.9	4598.0	4600.4	4618.2	4636.8	4647.7	4654.6	4642.2
-17.5°	4641.8	4629.3	4635.5	4647.9	4635.5	4629.3	4641.8	4657.0	4666.1	4668.8	4651.9
-20°	4653.1	4646.1	4653.1	4683.9	4653.1	4646.1	4653.1	4662.8	4668.9	4667.4	4642.9



REPORT NUMBER: P645411 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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°	4652.2	4652.6	4664.8	4674.9	4664.8	4652.6	4652.2	4657.4	4656.8	4649.2	4608.0
-25°	4634.4	4643.8	4657.8	4677.9	4657.8	4643.8	4634.4	4633.9	4627.7	4607.8	4566.1
-27.5°	4591.6	4607.1	4621.8	4642.9	4621.8	4607.1	4591.6	4585.6	4574.6	4547.2	4513.3
-30°	4529.7	4548.2	4561.3	4583.9	4561.3	4548.2	4529.7	4518.4	4501.2	4469.9	4418.7
-32.5°	4454.4	4475.3	4490.7	4506.9	4490.7	4475.3	4454.4	4437.1	4418.8	4382.6	4312.1
-35°	4360.2	4382.7	4399.2	4413.9	4399.2	4382.7	4360.2	4337.5	4314.6	4283.5	4203.1
-37.5°	4247.0	4271.3	4290.1	4306.9	4290.1	4271.3	4247.0	4219.9	4195.7	4165.5	4087.5
-40°	4115.2	4140.1	4160.1	4178.9	4160.1	4140.1	4115.2	4084.2	4056.8	4021.6	3953.9
-42.5°	3961.1	3986.3	4006.9	4025.9	4006.9	3986.3	3961.1	3928.0	3894.5	3852.1	3793.5
-45°	3783.1	3809.0	3830.9	3850.9	3830.9	3809.0	3783.1	3748.6	3705.7	3650.5	3580.8
-47.5°	3578.2	3605.9	3624.5	3633.9	3624.5	3605.9	3578.2	3541.4	3491.6	3427.1	3350.6
-50°	3343.2	3370.9	3393.3	3409.9	3393.3	3370.9	3343.2	3306.6	3256.1	3186.2	3105.3
-52.5°	3084.6	3110.9	3130.2	3141.9	3130.2	3110.9	3084.6	3049.0	3000.1	2925.4	2840.1
-55°	2801.5	2829.0	2847.3	2855.9	2847.3	2829.0	2801.5	2764.6	2717.9	2641.7	2557.8
-57.5°	2480.4	2506.6	2526.0	2537.0	2526.0	2506.6	2480.4	2444.6	2399.5	2327.8	2247.0
-60°	2125.1	2148.5	2163.2	2169.0	2163.2	2148.5	2125.1	2092.3	2050.3	1987.3	1913.0
-62.5°	1761.6	1783.8	1797.6	1803.0	1797.6	1783.8	1761.6	1731.9	1695.0	1643.4	1581.4
-65°	1402.3	1416.2	1423.9	1425.0	1423.9	1416.2	1402.3	1381.4	1353.3	1313.8	1265.5
-67.5°	1081.8	1092.4	1098.8	1101.0	1098.8	1092.4	1081.8	1067.2	1048.7	1025.3	995.8
-70°	848.9	856.2	860.3	861.0	860.3	856.2	848.9	837.9	823.2	803.6	779.5
-72.5°	632.9	638.1	636.3	632.0	636.3	638.1	632.9	625.5	615.9	604.8	593.5
-75°	493.7	499.5	497.1	493.0	497.1	499.5	493.7	486.8	478.9	469.8	459.5
-77.5°	394.4	399.7	397.1	393.0	397.1	399.7	394.4	388.2	381.1	373.1	363.7
-80°	281.7	284.7	286.9	288.0	286.9	284.7	281.7	277.8	273.3	268.5	264.8
-82.5°	144.2	139.9	137.3	134.0	137.3	139.9	144.2	147.6	150.3	152.0	152.9
-85°	40.8	39.8	40.4	41.0	40.4	39.8	40.8	41.6	42.2	42.8	46.3
-87.5°	11.6	12.0	12.0	12.0	12.0	12.0	11.6	11.3	11.0	10.6	10.7
-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: P645411 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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°	0.5	0.7	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
85°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1
67.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.2
65°	1.2	1.2	1.2	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
62.5°	2.0	2.1	2.2	2.2	2.2	2.8	2.5	2.5	2.4	2.9	3.9
60°	4.8	3.8	5.7	6.3	5.4	9.3	15.7	14.1	4.2	22.6	26.1
57.5°	66.2	54.9	115.1	114.7	48.1	64.9	86.9	57.2	37.4	64.1	84.7
55°	461.5	422.6	367.4	361.5	380.6	289.2	241.8	232.7	182.1	118.4	140.6
52.5°	650.6	611.8	574.2	539.1	510.4	479.6	434.4	385.6	369.9	297.9	229.7
50°	736.1	773.8	736.7	646.1	662.2	618.4	554.8	502.8	513.5	469.4	378.5
47.5°	998.2	1044.1	1045.3	991.2	931.1	912.5	819.1	656.9	667.8	665.9	569.6
45°	1461.5	1397.4	1421.3	1345.4	1239.1	1180.4	1177.2	1003.7	843.0	816.8	807.5
42.5°	1715.4	1667.9	1618.8	1562.2	1468.2	1374.5	1316.7	1219.1	1089.8	975.5	934.9
40°	1818.0	1762.7	1716.9	1670.0	1594.3	1498.4	1451.8	1323.6	1226.5	1127.5	1094.5
37.5°	1942.1	1837.2	1878.1	1789.4	1719.2	1695.8	1659.7	1526.3	1311.0	1292.9	1276.2
35°	2219.1	2121.0	2215.4	2198.6	1919.1	1950.2	1974.2	1810.3	1584.9	1462.7	1465.3
32.5°	2851.0	2624.9	2555.9	2640.4	2493.4	2249.5	2253.1	2203.2	1895.5	1717.6	1639.8
30°	3079.8	2979.4	2870.6	2855.9	2746.4	2605.3	2515.8	2395.8	2171.9	1968.9	1835.5
27.5°	3178.6	3087.4	2995.8	2925.2	2861.8	2766.0	2649.1	2508.2	2348.9	2167.0	2037.4
25°	3249.0	3147.0	3068.0	2989.9	2921.7	2849.2	2729.7	2592.5	2443.9	2297.3	2158.1
22.5°	3305.6	3210.5	3125.5	3041.5	2986.2	2908.2	2800.8	2659.1	2559.4	2466.2	2285.3
20°	3367.6	3275.9	3180.1	3184.1	3102.7	2972.5	2869.3	2798.7	2785.1	2680.2	2446.7
17.5°	3636.4	3384.3	3431.1	3520.0	3340.5	3104.2	3067.3	3071.3	3027.9	2930.5	2640.0
15°	4212.3	3848.1	3851.3	3912.5	3718.0	3427.6	3360.6	3352.4	3284.2	3176.3	2844.3
12.5°	4393.6	4272.0	4249.6	4158.6	3967.6	3750.6	3671.2	3628.1	3503.0	3294.3	2991.2
10°	4454.9	4384.4	4290.8	4199.0	4083.0	3995.9	3882.8	3726.3	3548.7	3347.4	3100.7
7.5°	4462.2	4389.1	4313.6	4226.2	4124.4	4022.1	3910.3	3754.9	3583.1	3385.6	3177.8
5°	4457.9	4385.0	4315.1	4231.5	4128.3	4029.1	3927.9	3774.1	3606.3	3410.6	3228.5
2.5°	4447.0	4373.3	4306.7	4230.8	4128.0	4032.4	3938.7	3794.7	3622.9	3431.2	3245.5
0°	4462.9	4389.9	4326.9	4241.9	4148.9	4037.9	3943.9	3815.9	3630.9	3444.9	3251.9
-2.5°	4469.7	4394.3	4336.6	4240.7	4163.7	4050.4	3955.1	3831.5	3646.0	3469.0	3267.3
-5°	4505.8	4430.8	4355.4	4259.3	4178.3	4072.3	3965.2	3837.8	3657.3	3482.1	3274.3
-7.5°	4529.5	4453.4	4365.7	4272.5	4191.1	4090.0	3971.3	3838.4	3667.7	3481.9	3277.7
-10°	4544.4	4464.8	4378.2	4282.8	4198.7	4094.6	3969.2	3835.1	3665.6	3473.8	3270.3
-12.5°	4565.2	4475.7	4386.5	4278.2	4193.8	4087.0	3961.7	3827.4	3649.9	3458.6	3251.6
-15°	4573.0	4481.1	4376.8	4270.6	4178.5	4074.5	3945.3	3804.8	3622.5	3435.1	3221.0
-17.5°	4576.2	4471.7	4360.5	4258.7	4159.4	4049.1	3912.7	3763.3	3587.4	3393.7	3180.7
-20°	4573.7	4452.0	4337.6	4226.7	4122.6	4010.7	3869.9	3721.9	3537.1	3340.1	3128.5



REPORT NUMBER: P645411 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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°	4527.0	4416.9	4301.0	4180.7	4078.4	3959.7	3821.9	3668.7	3471.8	3281.3	3062.0
-25°	4475.7	4364.4	4244.7	4132.8	4023.9	3905.9	3764.3	3590.6	3403.6	3205.4	2981.3
-27.5°	4414.9	4297.9	4174.3	4060.5	3945.4	3829.3	3682.9	3508.0	3327.9	3111.2	2893.6
-30°	4332.9	4212.2	4086.1	3955.9	3850.7	3732.3	3587.6	3417.7	3224.3	3010.3	2803.3
-32.5°	4221.6	4108.0	3982.0	3858.2	3748.3	3624.1	3478.0	3309.3	3106.3	2904.0	2688.6
-35°	4108.5	3990.8	3870.6	3754.1	3638.3	3508.3	3359.1	3175.5	2981.6	2781.1	2557.6
-37.5°	3979.3	3856.7	3743.7	3633.1	3513.7	3380.3	3215.7	3038.4	2849.2	2628.9	2416.2
-40°	3840.5	3722.4	3599.1	3489.6	3362.3	3227.8	3068.7	2896.3	2688.3	2470.6	2270.6
-42.5°	3675.6	3557.6	3430.7	3308.8	3185.1	3057.2	2913.5	2727.0	2520.9	2315.5	2107.8
-45°	3476.6	3358.6	3233.7	3108.1	2992.3	2868.1	2734.4	2535.6	2332.0	2136.2	1936.9
-47.5°	3252.7	3138.2	3017.8	2893.3	2783.1	2658.4	2495.5	2310.6	2130.4	1944.1	1740.1
-50°	3009.5	2900.6	2789.2	2673.7	2550.0	2409.3	2253.0	2091.6	1913.1	1721.9	1535.5
-52.5°	2743.7	2644.1	2539.0	2427.9	2300.2	2160.6	2014.1	1842.7	1664.7	1502.3	1332.8
-55°	2466.4	2368.0	2264.1	2153.1	2034.0	1895.9	1744.1	1588.3	1442.9	1292.8	1163.5
-57.5°	2159.5	2066.2	1967.2	1862.5	1752.5	1624.0	1490.9	1358.6	1243.5	1126.9	1009.5
-60°	1831.4	1744.4	1660.1	1567.3	1465.8	1355.2	1258.1	1160.5	1062.9	969.8	875.2
-62.5°	1513.7	1440.9	1365.2	1289.9	1212.7	1132.8	1052.4	977.1	900.0	821.1	751.5
-65°	1213.4	1158.0	1098.3	1046.2	991.4	933.7	869.0	810.0	754.0	696.1	637.0
-67.5°	961.3	921.8	879.6	838.5	800.9	761.0	715.6	667.8	623.5	580.6	537.1
-70°	754.2	728.0	700.6	670.5	640.6	610.5	577.1	541.9	506.3	474.2	443.5
-72.5°	578.8	560.7	539.9	518.3	495.3	474.8	451.9	428.2	404.1	379.7	356.6
-75°	447.9	434.8	420.5	404.4	384.8	361.7	344.5	333.0	318.4	300.7	281.4
-77.5°	354.2	344.7	334.5	320.7	306.4	291.7	277.1	262.8	248.6	235.2	222.9
-80°	260.6	256.1	250.5	239.0	227.6	216.3	205.4	196.6	188.3	179.2	168.0
-82.5°	153.0	152.5	150.8	144.5	138.1	131.7	125.6	119.4	112.9	106.0	99.1
-85°	49.4	52.1	54.3	55.4	56.0	56.2	55.9	54.3	52.4	50.2	47.9
-87.5°	10.8	10.9	10.9	11.3	11.7	12.0	12.3	12.9	13.4	13.8	14.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645411 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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°	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.5	0.5	0.5
85°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.1
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.6
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.8
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.5	1.8
75°	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.3	1.6	1.8
72.5°	1.0	1.0	1.0	1.1	1.3	1.3	1.2	1.1	1.3	1.6	1.8
70°	1.1	1.1	1.0	1.2	1.4	1.6	1.6	1.6	1.4	1.6	1.8
67.5°	1.5	1.5	1.4	1.4	1.5	1.7	1.9	2.3	2.2	1.7	1.9
65°	1.5	1.8	2.1	2.8	2.5	1.7	2.0	3.9	3.1	2.7	1.9
62.5°	3.3	1.8	6.3	8.5	4.8	3.7	3.0	8.7	5.5	3.7	2.7
60°	7.9	6.4	17.6	28.2	19.7	6.6	9.8	15.1	13.9	4.8	3.8
57.5°	73.3	25.2	36.5	52.8	51.9	28.2	20.5	27.4	23.6	13.6	5.3
55°	156.6	131.8	87.0	79.7	86.1	69.5	45.2	44.4	36.4	25.2	8.6
52.5°	214.8	224.1	195.1	136.3	118.7	113.1	88.3	64.4	57.1	37.9	21.9
50°	310.9	289.5	286.6	240.6	166.4	150.6	130.4	100.5	80.2	54.1	37.0
47.5°	439.2	385.8	357.5	336.8	265.5	192.0	171.0	137.5	105.6	78.0	52.9
45°	627.7	498.7	443.9	410.4	363.9	270.1	214.0	173.4	137.6	104.7	69.4
42.5°	816.9	644.8	542.6	488.4	440.1	358.2	260.0	214.8	168.8	131.9	90.4
40°	983.9	795.4	646.3	576.7	514.8	443.3	334.5	259.1	199.4	159.9	114.3
37.5°	1185.0	966.9	765.7	669.1	594.6	514.4	410.1	305.3	236.2	189.3	138.3
35°	1379.6	1188.9	899.2	780.9	683.3	587.3	482.9	360.0	281.3	219.1	162.2
32.5°	1588.5	1397.7	1101.0	905.6	775.1	661.8	550.9	426.5	326.7	249.3	186.1
30°	1752.9	1535.2	1278.0	1030.5	875.0	745.0	618.8	490.3	372.3	279.8	210.2
27.5°	1840.1	1654.1	1417.7	1169.7	987.5	830.2	688.8	551.2	417.7	313.3	235.3
25°	1930.3	1737.9	1517.5	1291.4	1098.5	920.4	758.5	609.3	467.4	351.0	260.1
22.5°	2038.1	1809.1	1601.7	1387.8	1213.0	1011.9	831.6	668.2	517.0	388.1	284.5
20°	2146.4	1875.3	1684.8	1519.0	1325.4	1110.9	908.0	725.6	563.8	424.1	308.4
17.5°	2260.1	1995.4	1825.9	1647.0	1437.4	1206.8	983.3	781.2	607.7	459.0	331.6
15°	2457.9	2175.3	1967.9	1771.6	1548.8	1299.1	1056.8	834.6	648.7	492.6	353.2
12.5°	2637.5	2342.7	2110.1	1892.1	1658.4	1387.0	1127.7	885.5	686.7	519.3	372.4
10°	2786.2	2497.9	2250.7	2007.7	1764.8	1470.1	1195.2	926.9	709.4	539.3	390.1
7.5°	2907.9	2641.4	2387.7	2117.7	1856.2	1524.4	1229.3	951.0	727.1	556.3	406.3
5°	2995.8	2737.1	2460.5	2156.1	1884.8	1546.7	1252.5	970.7	741.3	570.5	420.8
2.5°	3021.2	2766.5	2487.9	2177.1	1904.1	1561.1	1269.0	985.7	752.2	582.0	433.8
0°	3035.9	2785.9	2505.0	2190.0	1914.0	1568.0	1279.0	996.0	760.0	591.0	445.0
-2.5°	3056.5	2802.6	2521.5	2223.2	1920.6	1589.0	1284.6	1002.7	769.8	594.2	451.6
-5°	3066.8	2809.1	2529.5	2245.5	1918.8	1601.5	1283.9	1004.9	776.2	595.4	456.4
-7.5°	3062.3	2806.9	2529.8	2252.5	1910.2	1604.4	1277.0	1002.6	778.8	594.5	459.3
-10°	3048.5	2795.5	2520.1	2234.4	1902.2	1593.1	1264.5	996.3	777.2	592.0	460.5
-12.5°	3027.5	2774.3	2500.3	2208.4	1885.5	1569.7	1249.9	985.3	771.0	587.9	459.7
-15°	3000.2	2743.3	2470.3	2175.3	1858.1	1538.6	1227.9	969.5	758.7	583.2	457.0
-17.5°	2965.3	2703.0	2429.9	2136.1	1819.6	1500.0	1198.3	948.8	743.5	577.6	451.5
-20°	2902.9	2648.8	2378.6	2091.5	1769.5	1454.4	1161.1	923.4	725.3	569.5	443.6



REPORT NUMBER: P645411 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2832.7	2581.7	2314.6	2031.4	1709.2	1401.9	1116.1	893.1	704.3	559.0	434.2
-25°	2757.9	2506.2	2240.1	1948.1	1642.5	1346.4	1071.0	858.1	680.6	546.0	423.2
-27.5°	2670.1	2420.6	2155.8	1856.4	1565.2	1282.0	1027.7	827.1	657.8	530.5	410.8
-30°	2571.4	2320.0	2050.4	1758.6	1480.4	1207.6	979.3	794.0	638.4	513.6	396.9
-32.5°	2458.3	2209.2	1933.6	1658.4	1390.8	1128.6	925.7	758.6	616.0	495.6	384.0
-35°	2329.5	2080.2	1809.9	1550.9	1295.9	1064.8	873.4	721.0	590.7	476.2	370.5
-37.5°	2195.3	1941.8	1686.1	1438.6	1195.0	995.7	826.4	683.9	562.4	455.4	355.5
-40°	2042.1	1799.4	1556.2	1322.9	1107.6	921.5	775.5	647.2	535.6	433.3	339.2
-42.5°	1884.3	1650.0	1420.7	1200.5	1021.4	861.1	722.1	607.8	507.4	411.9	321.4
-45°	1714.1	1492.2	1276.6	1097.3	933.7	797.2	675.4	566.9	477.2	390.0	303.1
-47.5°	1534.6	1326.0	1145.7	989.8	859.2	732.9	625.8	531.5	445.6	366.6	284.7
-50°	1344.5	1171.2	1025.0	896.4	778.8	675.1	576.3	494.5	416.6	340.7	265.5
-52.5°	1176.0	1037.1	916.2	806.1	707.9	614.2	533.7	456.5	386.7	315.9	245.3
-55°	1031.6	917.8	815.7	724.1	637.7	562.0	489.4	422.7	356.0	291.0	225.0
-57.5°	906.9	807.5	725.8	646.2	574.8	510.3	449.1	388.3	326.6	265.3	208.8
-60°	787.1	712.9	640.2	576.2	515.8	461.1	411.0	353.8	296.9	239.6	190.9
-62.5°	683.7	620.3	565.4	509.6	459.4	414.8	372.7	320.1	266.3	215.8	171.5
-65°	586.7	538.0	491.2	446.8	405.1	367.3	333.3	285.5	235.7	190.5	151.3
-67.5°	494.6	458.0	421.2	383.9	351.1	320.5	291.4	248.3	203.7	164.0	131.2
-70°	412.4	381.0	352.3	324.5	297.9	272.4	245.0	208.6	170.2	140.2	110.7
-72.5°	334.7	311.8	287.9	265.1	245.5	223.0	197.8	169.4	142.5	115.9	89.8
-75°	262.8	247.7	230.9	212.8	194.5	174.4	157.7	137.9	114.4	91.3	72.3
-77.5°	210.3	195.6	178.7	164.3	152.0	138.3	123.1	105.9	87.3	71.0	55.9
-80°	155.1	143.9	134.3	126.0	114.6	102.2	89.6	77.0	63.5	50.8	39.2
-82.5°	94.6	92.2	89.5	85.7	76.2	66.9	57.8	48.9	39.3	30.4	25.1
-85°	47.3	46.4	45.0	42.9	37.1	31.5	28.8	26.1	22.9	19.8	16.8
-87.5°	15.6	16.7	17.7	18.3	17.1	15.7	14.4	13.1	11.5	9.9	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

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Scaled Data Report



REPORT NUMBER: P645411 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
80°	2.0	1.7	1.4	1.0	0.7	0.4	0.0
77.5°	2.0	2.0	1.7	1.3	0.9	0.5	0.0
75°	2.0	2.1	2.0	1.5	1.1	0.7	0.0
72.5°	2.1	2.2	2.1	1.8	1.2	0.8	0.0
70°	2.1	2.2	2.2	2.0	1.4	0.9	0.0
67.5°	2.3	2.3	2.3	2.1	1.6	1.0	0.0
65°	2.7	2.7	2.4	2.2	1.8	1.1	0.0
62.5°	3.1	3.3	2.5	2.3	1.9	1.2	0.0
60°	3.7	4.0	2.6	2.4	2.1	1.3	0.0
57.5°	6.8	4.8	3.4	2.5	2.2	1.4	0.0
55°	10.9	5.7	4.2	2.6	2.4	1.5	0.0
52.5°	15.7	7.3	5.1	2.7	2.5	1.6	0.0
50°	21.1	12.4	6.0	2.9	2.6	1.7	0.0
47.5°	28.4	17.9	7.0	3.1	2.7	1.8	0.0
45°	42.8	23.9	8.0	3.9	2.8	1.9	0.0
42.5°	57.6	30.2	9.0	4.6	3.0	2.0	0.0
40°	72.7	36.8	12.1	5.6	3.1	2.1	0.0
37.5°	88.1	43.8	17.3	6.8	3.2	2.1	0.0
35°	103.7	54.5	22.6	8.2	3.3	2.2	0.0
32.5°	120.7	66.8	28.0	9.6	3.5	2.3	0.0
30°	140.0	79.0	33.4	11.2	3.6	2.4	0.0
27.5°	159.1	91.1	40.1	12.9	3.7	2.5	0.0
25°	177.6	103.0	46.9	14.7	3.9	2.5	0.0
22.5°	195.6	115.1	53.7	16.5	4.0	2.6	0.0
20°	213.0	128.1	60.5	18.4	4.1	2.7	0.0
17.5°	230.2	140.7	67.2	20.4	4.2	2.7	0.0
15°	246.8	152.8	73.6	22.3	4.4	2.8	0.0
12.5°	262.2	164.4	79.9	24.3	4.5	2.8	0.0
10°	276.6	175.3	85.9	26.2	4.6	2.9	0.0
7.5°	289.8	185.5	91.6	28.0	4.7	2.9	0.0
5°	301.8	194.9	96.8	29.8	4.8	2.9	0.0
2.5°	312.5	203.4	101.7	31.5	4.9	3.0	0.0
0°	322.0	211.0	106.0	33.0	5.0	3.0	0.0
-2.5°	326.7	215.8	110.0	35.2	5.8	3.2	0.0
-5°	330.2	219.6	113.5	37.1	6.6	3.3	0.0
-7.5°	332.4	222.4	116.3	38.9	7.3	3.5	0.0
-10°	333.4	224.1	118.4	40.4	8.0	3.6	0.0
-12.5°	333.2	224.8	119.8	41.7	8.7	3.8	0.0
-15°	331.9	224.5	120.5	42.8	9.4	3.9	0.0
-17.5°	329.4	223.1	120.4	43.5	10.0	4.0	0.0
-20°	325.7	220.8	119.5	43.9	10.5	4.1	0.0

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REPORT NUMBER: P645411 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	320.2	217.4	117.8	44.1	11.0	4.2	0.0
-25°	313.5	212.2	115.3	43.9	11.5	4.3	0.0
-27.5°	305.6	205.7	112.0	43.3	11.8	4.3	0.0
-30°	296.3	198.2	107.8	42.4	12.1	4.3	0.0
-32.5°	285.9	189.9	102.9	41.2	12.4	4.3	0.0
-35°	274.6	180.8	97.4	39.6	12.5	4.3	0.0
-37.5°	262.4	171.6	91.4	37.6	12.6	4.3	0.0
-40°	249.3	163.3	84.9	35.3	12.6	4.3	0.0
-42.5°	235.3	154.3	79.9	32.7	12.6	4.2	0.0
-45°	220.5	144.8	76.5	30.2	12.4	4.1	0.0
-47.5°	204.7	134.8	72.6	27.2	12.2	4.0	0.0
-50°	191.6	124.2	68.0	26.3	11.9	3.9	0.0
-52.5°	178.4	113.1	62.8	25.7	11.5	3.8	0.0
-55°	164.8	104.7	57.0	24.9	11.0	3.6	0.0
-57.5°	150.6	96.2	50.7	23.9	10.5	3.4	0.0
-60°	136.2	86.9	44.1	22.5	9.9	3.2	0.0
-62.5°	123.1	76.9	41.0	20.9	9.3	3.0	0.0
-65°	109.0	66.2	37.4	19.1	8.7	2.8	0.0
-67.5°	94.0	57.2	33.5	17.0	7.9	2.6	0.0
-70°	78.2	50.0	29.1	14.8	7.2	2.3	0.0
-72.5°	66.2	42.4	24.4	13.0	6.4	2.0	0.0
-75°	54.1	34.2	19.4	11.3	5.5	1.8	0.0
-77.5°	41.4	25.7	16.0	9.5	4.7	1.5	0.0
-80°	28.3	19.6	13.0	7.7	3.8	1.2	0.0
-82.5°	20.8	14.8	9.8	5.8	2.9	0.9	0.0
-85°	13.9	9.9	6.6	3.9	1.9	0.6	0.0
-87.5°	7.0	5.0	3.3	2.0	1.0	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)