

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: P645399 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2E-740-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645399 (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-SA2E-740-U-LAM-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

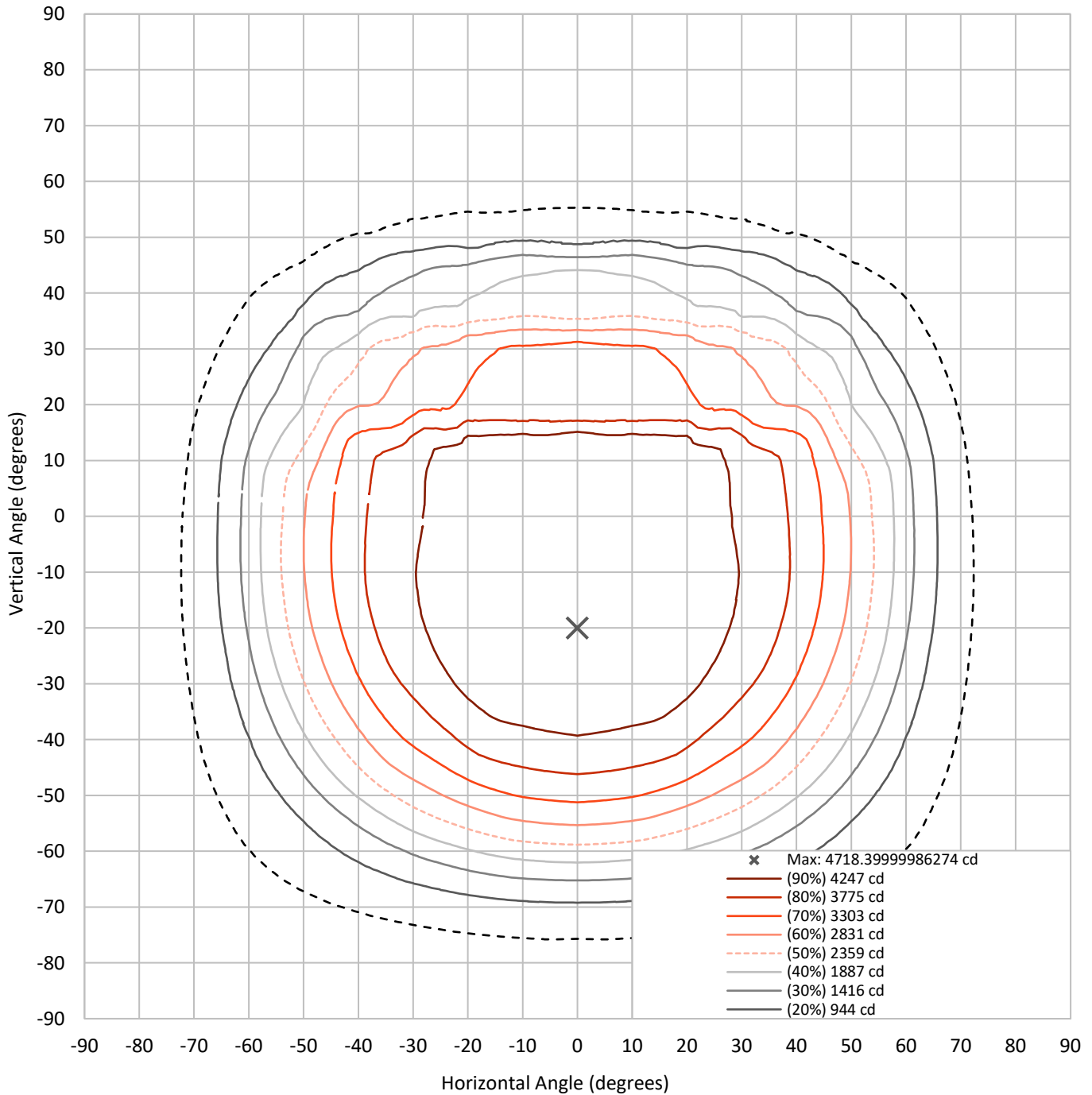
Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	11063.8 lumens	Max Intensity:	4718.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	88.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	8649 lumens	Field Lumens:	10844.1 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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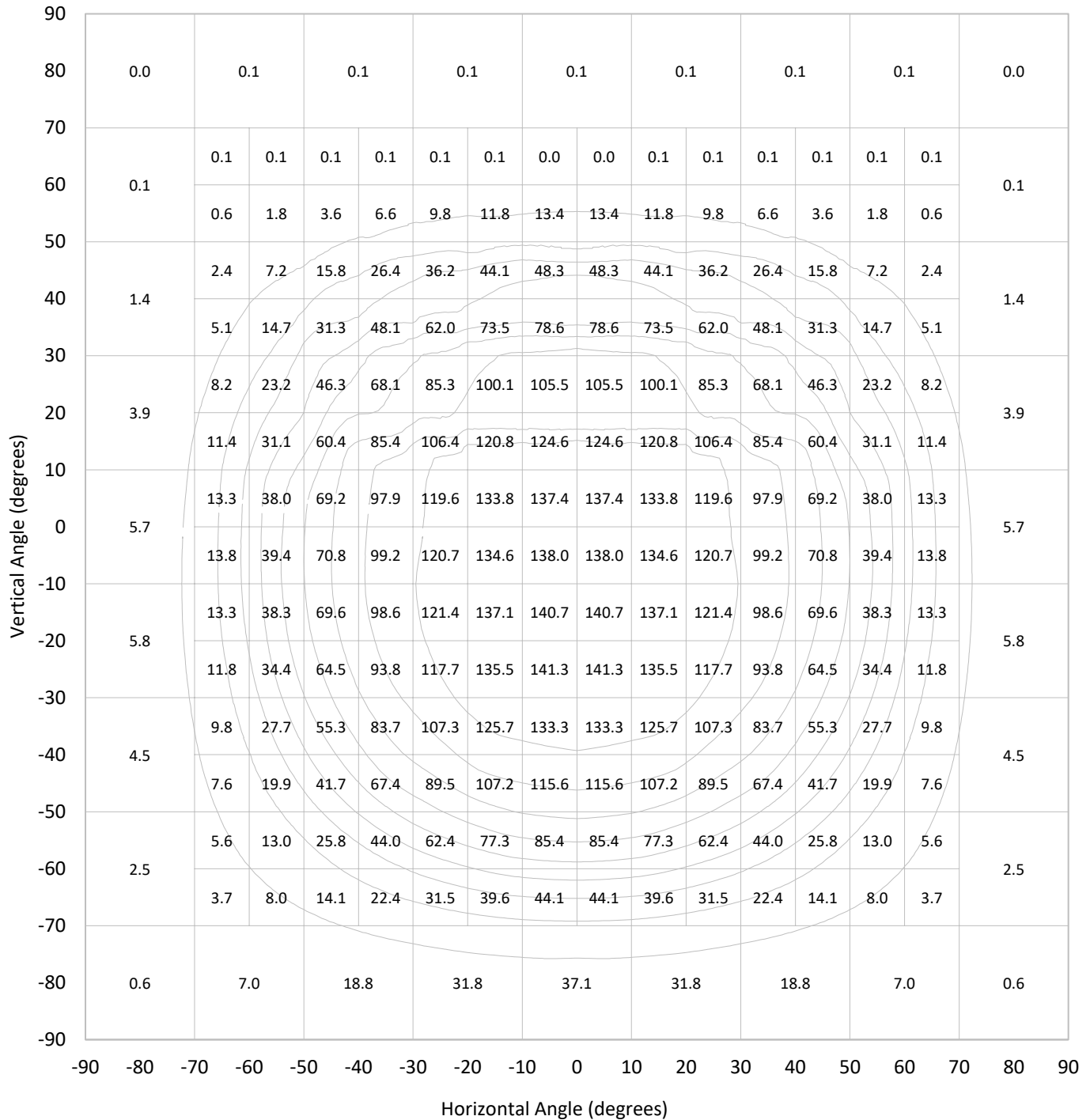
Iso-Candela Plot





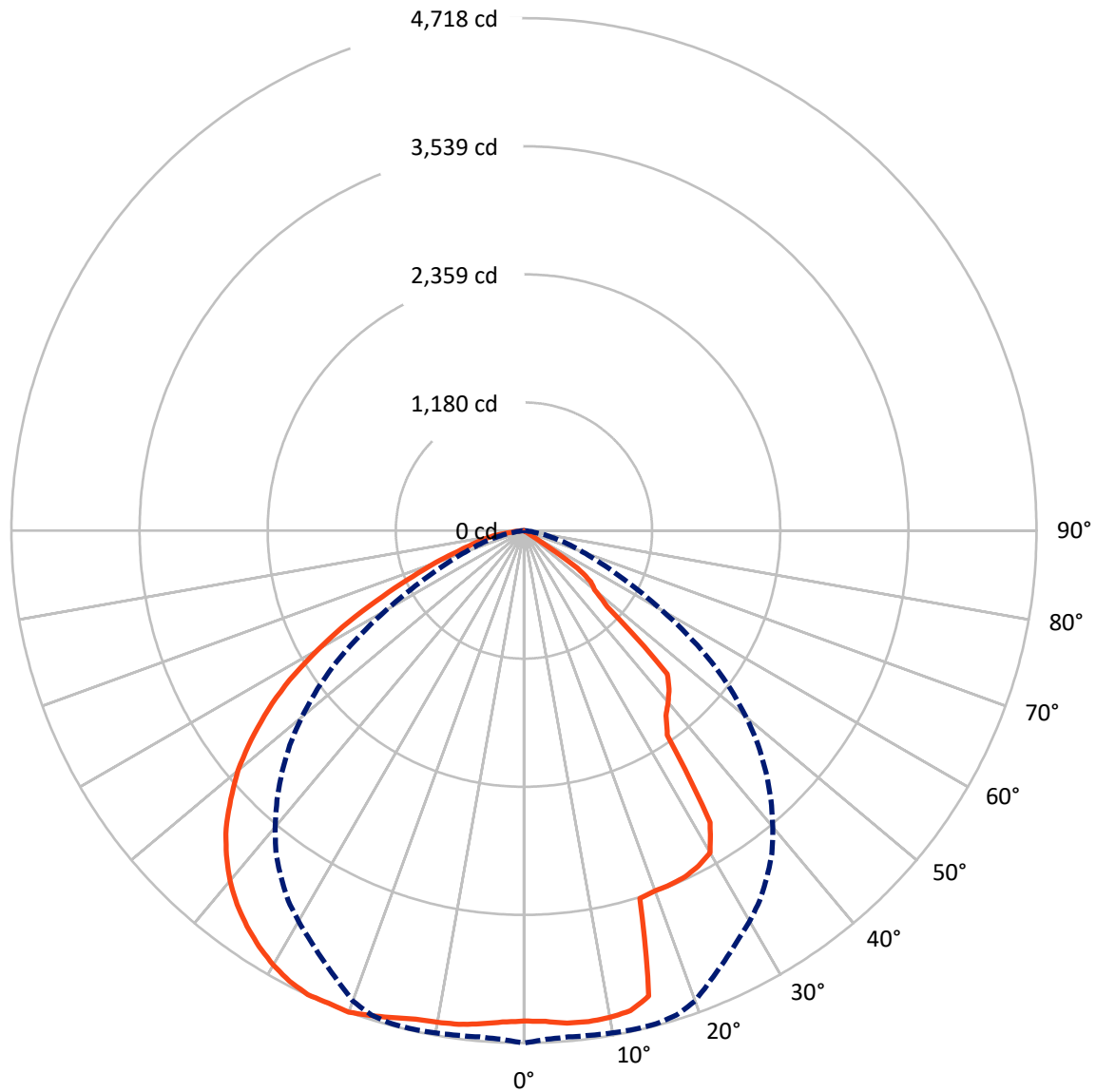
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Lumen Table



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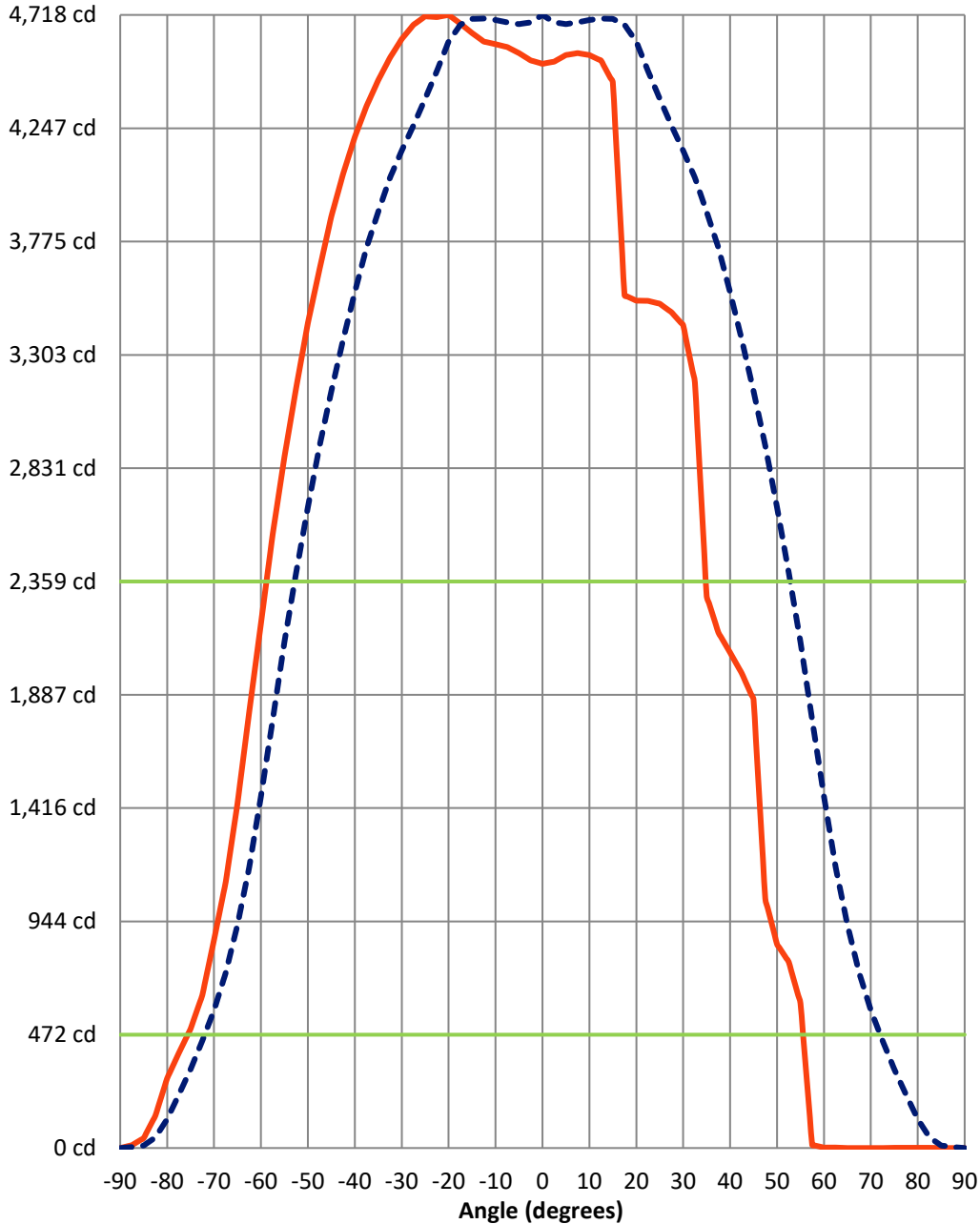
Luminous Intensity Polar Plot



— 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: 8649
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 10844.1
 Efficiency: 98.0%

Spill:
 Lumens: 219.7
 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	2.4	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	8.8
60°	0.0	1.3	2.1	2.4	2.6	4.0	3.7	3.8	4.8	14.0	15.2
57.5°	0.0	1.4	2.2	2.5	3.4	4.8	6.9	5.3	13.7	23.8	27.6
55°	0.0	1.5	2.4	2.6	4.3	5.7	11.0	8.6	25.4	36.7	44.7
52.5°	0.0	1.6	2.5	2.7	5.1	7.3	15.7	22.0	38.1	57.6	64.9
50°	0.0	1.7	2.6	2.9	6.1	12.5	21.2	37.3	54.6	80.8	101.3
47.5°	0.0	1.8	2.7	3.1	7.0	18.1	28.5	53.2	78.6	106.4	138.5
45°	0.0	1.9	2.8	3.9	8.0	24.0	43.1	69.9	105.5	138.7	174.7
42.5°	0.0	2.0	3.0	4.7	9.1	30.3	58.0	91.1	132.9	170.1	216.4
40°	0.0	2.1	3.1	5.7	12.2	37.1	73.2	115.2	161.1	200.9	261.0
37.5°	0.0	2.1	3.2	6.9	17.5	44.1	88.7	139.3	190.7	237.9	307.6
35°	0.0	2.2	3.3	8.2	22.8	54.8	104.5	163.5	220.8	283.4	362.6
32.5°	0.0	2.3	3.5	9.7	28.2	67.2	121.6	187.5	251.2	329.1	429.6
30°	0.0	2.4	3.6	11.3	33.6	79.6	141.1	211.8	281.9	375.0	493.9
27.5°	0.0	2.5	3.7	13.0	40.4	91.8	160.2	237.0	315.6	420.8	555.3
25°	0.0	2.5	3.9	14.8	47.3	103.7	178.9	262.0	353.6	470.8	613.8
22.5°	0.0	2.6	4.0	16.6	54.1	116.0	197.1	286.6	390.9	520.8	673.1
20°	0.0	2.7	4.1	18.6	60.9	129.1	214.6	310.7	427.2	567.9	730.9
17.5°	0.0	2.7	4.2	20.5	67.6	141.8	231.9	334.1	462.4	612.2	787.0
15°	0.0	2.8	4.4	22.5	74.2	154.0	248.6	355.8	496.2	653.5	840.8
12.5°	0.0	2.8	4.5	24.4	80.5	165.6	264.2	375.2	523.1	691.7	892.0
10°	0.0	2.9	4.6	26.4	86.5	176.6	278.6	393.0	543.2	714.7	933.7
7.5°	0.0	2.9	4.7	28.2	92.2	186.9	291.9	409.3	560.4	732.4	958.0
5°	0.0	2.9	4.8	30.0	97.6	196.4	304.0	424.0	574.6	746.8	977.8
2.5°	0.0	3.0	4.9	31.7	102.4	205.0	314.8	437.0	586.2	757.8	992.9
0°	0.0	3.0	5.0	33.2	106.8	212.6	324.4	448.3	595.3	765.6	1003.3
-2.5°	0.0	3.2	5.8	35.4	110.9	217.4	329.2	454.9	598.6	775.5	1010.1
-5°	0.0	3.3	6.6	37.4	114.3	221.3	332.6	459.7	599.7	781.9	1012.2
-7.5°	0.0	3.5	7.3	39.1	117.1	224.0	334.8	462.7	598.9	784.5	1010.0
-10°	0.0	3.6	8.1	40.7	119.3	225.8	335.8	463.9	596.3	783.0	1003.6
-12.5°	0.0	3.8	8.7	42.0	120.7	226.5	335.7	463.1	592.2	776.6	992.6
-15°	0.0	3.9	9.4	43.0	121.4	226.1	334.3	460.4	587.5	764.3	976.6
-17.5°	0.0	4.0	10.0	43.8	121.3	224.8	331.9	454.8	581.8	748.9	955.8
-20°	0.0	4.1	10.6	44.2	120.4	222.4	328.1	446.9	573.7	730.6	930.2

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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	11.1	44.4	118.7	219.0	322.6	437.4	563.1	709.5	899.7
-25°	0.0	4.3	11.5	44.2	116.2	213.7	315.8	426.3	550.0	685.7	864.4
-27.5°	0.0	4.3	11.9	43.6	112.8	207.1	307.8	413.8	534.4	662.6	833.2
-30°	0.0	4.4	12.2	42.8	108.5	199.7	298.5	399.8	517.3	643.1	799.8
-32.5°	0.0	4.4	12.5	41.5	103.6	191.3	288.0	386.9	499.3	620.6	764.2
-35°	0.0	4.4	12.6	39.9	98.1	182.1	276.6	373.2	479.7	595.0	726.3
-37.5°	0.0	4.3	12.7	37.9	92.1	172.8	264.4	358.1	458.8	566.5	688.9
-40°	0.0	4.3	12.7	35.5	85.5	164.4	251.2	341.6	436.5	539.6	652.0
-42.5°	0.0	4.2	12.7	33.0	80.5	155.5	237.1	323.8	414.9	511.1	612.2
-45°	0.0	4.1	12.5	30.4	77.1	145.9	222.1	305.3	392.9	480.7	571.0
-47.5°	0.0	4.0	12.3	27.5	73.1	135.8	206.2	286.8	369.3	448.9	535.4
-50°	0.0	3.9	12.0	26.5	68.5	125.1	193.0	267.4	343.2	419.6	498.1
-52.5°	0.0	3.8	11.6	26.0	63.3	113.9	179.7	247.1	318.2	389.5	459.8
-55°	0.0	3.6	11.1	25.1	57.5	105.5	166.0	226.6	293.2	358.6	425.8
-57.5°	0.0	3.4	10.6	24.1	51.1	96.9	151.7	210.3	267.3	329.0	391.1
-60°	0.0	3.3	10.0	22.7	44.5	87.6	137.2	192.3	241.3	299.0	356.4
-62.5°	0.0	3.0	9.4	21.1	41.3	77.5	123.9	172.7	217.3	268.3	322.4
-65°	0.0	2.8	8.7	19.2	37.7	66.7	109.8	152.3	191.9	237.4	287.6
-67.5°	0.0	2.6	8.0	17.2	33.7	57.6	94.7	132.2	165.2	205.2	250.1
-70°	0.0	2.3	7.3	14.9	29.3	50.4	78.8	111.5	141.2	171.4	210.1
-72.5°	0.0	2.1	6.4	13.1	24.6	42.7	66.7	90.4	116.8	143.5	170.6
-75°	0.0	1.8	5.6	11.4	19.6	34.5	54.5	72.9	91.9	115.3	138.9
-77.5°	0.0	1.5	4.7	9.6	16.2	25.9	41.7	56.3	71.5	87.9	106.6
-80°	0.0	1.2	3.8	7.8	13.1	19.7	28.5	39.5	51.2	63.9	77.6
-82.5°	0.0	0.9	2.9	5.9	9.9	14.9	20.9	25.3	30.6	39.5	49.2
-85°	0.0	0.6	1.9	3.9	6.6	10.0	14.0	16.9	19.9	23.1	26.3
-87.5°	0.0	0.3	1.0	2.0	3.3	5.0	7.0	8.5	10.0	11.6	13.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA2E-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	3.8	4.8	8.5	6.4	1.8	3.3	3.9	2.9	2.4	2.5
60°	9.8	6.7	19.9	28.4	17.8	6.5	7.9	26.3	22.8	4.2	14.2
57.5°	20.7	28.4	52.3	53.2	36.8	25.4	73.9	85.3	64.6	37.7	57.7
55°	45.6	70.0	86.7	80.2	87.6	132.7	157.7	141.7	119.3	183.5	234.4
52.5°	89.0	113.9	119.6	137.3	196.5	225.8	216.4	231.4	300.1	372.6	388.4
50°	131.4	151.7	167.6	242.4	288.7	291.7	313.2	381.2	472.8	517.3	506.6
47.5°	172.3	193.4	267.5	339.3	360.1	388.7	442.5	573.8	670.8	672.7	661.8
45°	215.6	272.0	366.6	413.4	447.2	502.3	632.3	813.4	822.8	849.1	1011.0
42.5°	261.9	360.8	443.3	492.0	546.6	649.5	822.9	941.7	982.6	1097.8	1228.0
40°	337.0	446.6	518.6	580.9	651.1	801.3	991.2	1102.5	1135.7	1235.4	1333.3
37.5°	413.1	518.2	598.9	674.0	771.3	974.0	1193.7	1285.6	1302.4	1320.6	1537.5
35°	486.4	591.6	688.3	786.6	905.9	1197.7	1389.7	1476.1	1473.4	1596.5	1823.6
32.5°	555.0	666.7	780.8	912.3	1109.1	1408.0	1600.2	1651.8	1730.2	1909.4	2219.3
30°	623.4	750.5	881.4	1038.1	1287.4	1546.5	1765.8	1849.0	1983.4	2187.8	2413.4
27.5°	693.9	836.3	994.7	1178.3	1428.1	1666.3	1853.6	2052.4	2182.9	2366.1	2526.6
25°	764.1	927.2	1106.6	1300.9	1528.7	1750.7	1944.4	2174.0	2314.1	2461.9	2611.6
22.5°	837.8	1019.4	1221.9	1398.0	1613.5	1822.4	2053.1	2302.1	2484.3	2578.2	2678.7
20°	914.7	1119.1	1335.1	1530.2	1697.2	1889.1	2162.2	2464.7	2700.0	2805.6	2819.4
17.5°	990.6	1215.7	1448.0	1659.2	1839.3	2010.1	2276.8	2659.5	2952.1	3050.3	3094.0
15°	1064.6	1308.6	1560.2	1784.7	1982.4	2191.3	2476.0	2865.3	3199.8	3308.4	3377.1
12.5°	1136.0	1397.2	1670.7	1906.0	2125.6	2359.9	2657.0	3013.3	3318.6	3528.8	3654.9
10°	1204.0	1480.9	1777.8	2022.5	2267.2	2516.3	2806.7	3123.6	3372.1	3574.9	3753.9
7.5°	1238.3	1535.6	1869.9	2133.3	2405.3	2660.9	2929.3	3201.3	3410.6	3609.5	3782.6
5°	1261.7	1558.0	1898.7	2171.9	2478.6	2757.3	3018.0	3252.4	3435.8	3632.9	3802.0
2.5°	1278.3	1572.6	1918.2	2193.1	2506.2	2787.0	3043.5	3269.5	3456.5	3649.7	3822.8
0°	1288.4	1579.5	1928.1	2206.1	2523.4	2806.5	3058.3	3275.9	3470.3	3657.7	3844.1
-2.5°	1294.1	1600.7	1934.7	2239.5	2540.1	2823.3	3079.1	3291.5	3494.6	3672.9	3859.8
-5°	1293.4	1613.3	1932.9	2262.0	2548.0	2829.9	3089.4	3298.5	3507.8	3684.3	3866.1
-7.5°	1286.4	1616.2	1924.2	2269.0	2548.4	2827.7	3084.9	3301.9	3507.6	3694.8	3866.7
-10°	1273.9	1604.8	1916.1	2250.8	2538.6	2816.2	3071.0	3294.5	3499.4	3692.7	3863.4
-12.5°	1259.1	1581.2	1899.4	2224.6	2518.7	2794.8	3049.8	3275.6	3484.1	3676.9	3855.7
-15°	1236.9	1549.9	1871.8	2191.3	2488.5	2763.6	3022.4	3244.8	3460.5	3649.2	3832.8
-17.5°	1207.1	1511.1	1832.9	2151.8	2447.8	2722.9	2987.2	3204.1	3418.8	3613.8	3791.0
-20°	1169.6	1465.1	1782.5	2106.9	2396.1	2668.3	2924.3	3151.6	3364.8	3563.2	3749.4

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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°	1124.3	1412.2	1721.8	2046.3	2331.6	2600.7	2853.6	3084.6	3305.5	3497.4	3695.8
-25°	1078.8	1356.3	1654.6	1962.4	2256.6	2524.6	2778.3	3003.3	3229.1	3428.7	3617.1
-27.5°	1035.3	1291.5	1576.7	1870.1	2171.7	2438.5	2689.8	2914.9	3134.2	3352.4	3533.8
-30°	986.5	1216.4	1491.2	1771.5	2065.5	2337.1	2590.4	2824.0	3032.6	3248.1	3442.9
-32.5°	932.6	1136.9	1401.0	1670.6	1947.9	2225.4	2476.4	2708.4	2925.4	3129.3	3333.7
-35°	879.9	1072.6	1305.4	1562.3	1823.2	2095.5	2346.6	2576.4	2801.6	3003.5	3199.0
-37.5°	832.5	1003.0	1203.8	1449.2	1698.5	1956.1	2211.5	2433.9	2648.2	2870.2	3060.8
-40°	781.2	928.3	1115.8	1332.7	1567.7	1812.6	2057.1	2287.3	2488.8	2708.2	2917.7
-42.5°	727.5	867.5	1028.9	1209.3	1431.2	1662.1	1898.1	2123.3	2332.5	2539.5	2747.2
-45°	680.4	803.1	940.6	1105.4	1286.0	1503.2	1726.7	1951.1	2151.9	2349.1	2554.2
-47.5°	630.4	738.3	865.5	997.1	1154.1	1335.7	1545.9	1752.9	1958.4	2146.1	2327.5
-50°	580.5	680.0	784.5	903.0	1032.6	1179.8	1354.4	1546.8	1734.5	1927.2	2106.9
-52.5°	537.6	618.7	713.1	812.0	923.0	1044.8	1184.6	1342.6	1513.4	1676.9	1856.3
-55°	493.0	566.1	642.3	729.4	821.7	924.6	1039.2	1172.0	1302.3	1453.6	1600.0
-57.5°	452.4	514.0	579.0	650.9	731.1	813.4	913.6	1016.9	1135.2	1252.7	1368.7
-60°	414.1	464.4	519.6	580.4	644.9	718.1	792.9	881.7	976.9	1070.7	1169.1
-62.5°	375.4	417.8	462.7	513.3	569.5	624.8	688.7	757.1	827.1	906.7	984.2
-65°	335.7	370.0	408.1	450.0	494.8	541.9	591.0	641.7	701.3	759.5	815.9
-67.5°	293.5	322.8	353.7	386.7	424.3	461.3	498.2	541.0	584.9	628.1	672.8
-70°	246.8	274.4	300.1	326.9	354.8	383.8	415.4	446.8	477.7	510.0	545.9
-72.5°	199.2	224.7	247.3	267.0	290.0	314.1	337.2	359.2	382.5	407.1	431.3
-75°	158.9	175.7	195.9	214.3	232.6	249.5	264.8	283.4	302.9	320.8	335.4
-77.5°	124.0	139.3	153.1	165.5	180.0	197.0	211.8	224.6	236.9	250.4	264.7
-80°	90.2	102.9	115.5	126.9	135.3	144.9	156.3	169.3	180.5	189.7	198.0
-82.5°	58.2	67.4	76.8	86.3	90.2	92.8	95.3	99.8	106.8	113.7	120.3
-85°	29.0	31.7	37.4	43.2	45.3	46.7	47.6	48.2	50.5	52.7	54.7
-87.5°	14.5	15.8	17.2	18.5	17.8	16.8	15.6	14.2	13.9	13.5	13.0
-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: P645399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	15.8	9.3	5.4	6.4	5.7	3.8	4.8	5.7	5.8	5.3	4.7
57.5°	87.5	65.4	48.4	115.6	115.9	55.3	66.7	104.8	86.3	28.4	26.3
55°	243.6	291.3	383.4	364.2	370.1	425.7	464.9	411.5	403.4	429.9	496.6
52.5°	437.6	483.1	514.1	543.1	578.4	616.3	655.3	680.2	703.4	728.2	742.9
50°	558.8	623.0	667.0	650.8	742.1	779.4	741.5	775.4	816.8	828.1	833.5
47.5°	825.2	919.2	937.9	998.5	1052.9	1051.8	1005.6	1008.2	1131.3	1239.9	1293.2
45°	1185.8	1189.1	1248.2	1355.2	1431.7	1407.6	1472.2	1619.0	1667.9	1715.1	1753.9
42.5°	1326.4	1384.6	1479.0	1573.6	1630.7	1680.1	1727.9	1781.9	1845.3	1896.8	1937.9
40°	1462.5	1509.4	1606.1	1682.3	1729.5	1775.7	1831.4	1891.2	1949.2	1994.4	2025.2
37.5°	1671.9	1708.3	1731.8	1802.6	1891.9	1850.7	1956.4	2032.2	2066.8	2112.7	2116.8
35°	1988.7	1964.5	1933.2	2214.8	2231.7	2136.6	2235.4	2352.9	2290.9	2419.9	2489.3
32.5°	2269.6	2266.0	2511.8	2659.9	2574.7	2644.2	2872.0	2862.0	3013.9	3084.4	3064.3
30°	2534.2	2624.6	2766.7	2877.0	2891.8	3001.4	3102.6	3191.2	3282.9	3365.1	3370.8
27.5°	2668.6	2786.4	2882.9	2946.8	3018.0	3110.2	3202.1	3301.9	3379.9	3431.4	3444.0
25°	2749.9	2870.2	2943.3	3012.0	3090.6	3170.2	3273.0	3381.7	3444.4	3476.1	3486.3
22.5°	2821.5	2929.7	3008.2	3064.0	3148.6	3234.2	3330.0	3422.1	3490.1	3504.0	3509.1
20°	2890.5	2994.4	3125.6	3207.7	3203.6	3300.0	3392.4	3465.6	3522.3	3522.0	3523.4
17.5°	3090.0	3127.1	3365.2	3546.0	3456.4	3409.2	3663.2	3668.1	3683.2	3653.2	3588.2
15°	3385.4	3452.9	3745.5	3941.4	3879.7	3876.4	4243.4	4152.4	4230.7	4210.2	4298.3
12.5°	3698.3	3778.2	3996.8	4189.3	4280.9	4303.5	4426.0	4540.9	4564.5	4555.1	4537.8
10°	3911.4	4025.3	4113.1	4230.0	4322.4	4416.8	4487.8	4570.2	4597.2	4581.6	4559.5
7.5°	3939.2	4051.8	4154.8	4257.4	4345.5	4421.5	4495.1	4562.2	4589.7	4580.7	4565.4
5°	3956.9	4058.8	4158.8	4262.7	4347.0	4417.4	4490.8	4558.8	4575.0	4564.1	4549.3
2.5°	3967.7	4062.2	4158.5	4262.0	4338.5	4405.5	4479.8	4552.4	4552.2	4547.5	4538.8
0°	3973.0	4067.7	4179.5	4273.2	4358.8	4422.3	4495.8	4566.3	4561.3	4548.2	4533.1
-2.5°	3984.3	4080.2	4194.4	4272.0	4368.5	4426.7	4502.7	4563.8	4561.4	4554.9	4547.5
-5°	3994.4	4102.3	4209.1	4290.7	4387.5	4463.5	4539.0	4586.8	4589.3	4580.4	4567.7
-7.5°	4000.6	4120.2	4222.0	4304.0	4397.8	4486.3	4562.9	4613.0	4614.1	4602.2	4587.2
-10°	3998.5	4124.8	4229.6	4314.4	4410.4	4497.7	4577.9	4641.4	4639.4	4628.0	4615.2
-12.5°	3991.0	4117.1	4224.7	4309.8	4418.9	4508.7	4598.9	4662.1	4665.4	4656.9	4643.0
-15°	3974.4	4104.6	4209.3	4302.1	4409.1	4514.1	4606.8	4676.5	4688.9	4682.0	4671.0
-17.5°	3941.6	4079.0	4190.0	4290.0	4392.7	4504.7	4610.0	4686.3	4703.2	4700.5	4691.4
-20°	3898.4	4040.3	4153.0	4257.8	4369.5	4484.9	4607.5	4677.1	4701.8	4703.4	4697.2



REPORT NUMBER: P645399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	3850.1	3988.9	4108.5	4211.5	4332.7	4449.4	4560.4	4642.0	4683.5	4691.2	4691.7
-25°	3792.0	3934.7	4053.5	4163.3	4275.9	4396.5	4508.7	4599.8	4641.8	4661.8	4668.1
-27.5°	3710.1	3857.5	3974.5	4090.4	4205.1	4329.6	4447.5	4546.5	4580.7	4608.3	4619.4
-30°	3614.0	3759.9	3879.1	3985.1	4116.3	4243.2	4364.9	4451.3	4502.9	4534.5	4551.7
-32.5°	3503.6	3650.8	3776.0	3886.7	4011.3	4138.3	4252.7	4343.9	4415.0	4451.4	4469.8
-35°	3383.9	3534.2	3665.2	3781.8	3899.2	4020.2	4138.8	4234.1	4315.1	4346.4	4369.5
-37.5°	3239.5	3405.3	3539.6	3659.9	3771.4	3885.2	4008.6	4117.6	4196.2	4226.6	4251.0
-40°	3091.4	3251.6	3387.1	3515.4	3625.6	3749.8	3868.8	3983.1	4051.3	4086.7	4114.3
-42.5°	2935.0	3079.8	3208.6	3333.3	3456.0	3583.9	3702.8	3821.5	3880.5	3923.2	3957.1
-45°	2754.6	2889.2	3014.4	3131.1	3257.6	3383.4	3502.3	3607.2	3677.5	3733.0	3776.3
-47.5°	2513.9	2678.0	2803.7	2914.6	3040.1	3161.4	3276.7	3375.3	3452.3	3517.3	3567.6
-50°	2269.5	2427.0	2568.8	2693.4	2809.8	2922.0	3031.8	3128.3	3209.8	3280.2	3331.0
-52.5°	2028.9	2176.4	2317.1	2445.8	2557.6	2663.5	2763.9	2861.0	2947.0	3022.3	3071.5
-55°	1757.0	1909.8	2049.0	2169.0	2280.7	2385.4	2484.5	2576.6	2661.2	2737.9	2785.1
-57.5°	1501.9	1635.9	1765.4	1876.2	1981.7	2081.4	2175.4	2263.5	2344.9	2417.1	2462.5
-60°	1267.4	1365.2	1476.6	1578.8	1672.3	1757.2	1844.9	1927.1	2001.9	2065.3	2107.7
-62.5°	1060.1	1141.1	1221.6	1299.3	1375.2	1451.4	1524.8	1593.0	1655.5	1707.5	1744.6
-65°	875.4	940.5	998.7	1053.9	1106.4	1166.5	1222.3	1274.8	1323.4	1363.3	1391.5
-67.5°	720.9	766.6	806.8	844.7	886.1	928.6	968.4	1003.1	1032.8	1056.4	1075.1
-70°	581.3	615.0	645.3	675.5	705.7	733.3	759.7	785.2	809.5	829.2	844.0
-72.5°	455.3	478.2	498.9	522.1	543.9	564.8	583.1	597.8	609.2	620.4	630.1
-75°	347.1	364.4	387.7	407.3	423.6	438.0	451.2	462.9	473.2	482.4	490.4
-77.5°	279.2	293.8	308.7	323.0	336.9	347.2	356.8	366.4	375.8	383.9	391.1
-80°	206.9	217.8	229.3	240.8	252.3	258.0	262.5	266.8	270.5	275.3	279.8
-82.5°	126.5	132.7	139.1	145.5	152.0	153.6	154.1	154.0	153.1	151.4	148.7
-85°	56.3	56.6	56.5	55.8	54.8	52.5	49.8	46.6	43.1	42.5	41.9
-87.5°	12.4	12.1	11.8	11.4	11.0	10.9	10.9	10.8	10.7	11.1	11.4
-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: P645399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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	4.7	5.3	5.8	5.7
57.5°	22.3	16.6	14.1	13.1	14.1	16.6	22.3	26.3	28.4	86.3	104.8
55°	544.4	572.1	592.8	602.4	592.8	572.1	544.4	496.6	429.9	403.4	411.5
52.5°	755.9	768.0	774.9	774.7	774.9	768.0	755.9	742.9	728.2	703.4	680.2
50°	842.5	848.4	850.5	849.2	850.5	848.4	842.5	833.5	828.1	816.8	775.4
47.5°	1244.5	1136.8	1057.6	1038.6	1057.6	1136.8	1244.5	1293.2	1239.9	1131.3	1008.2
45°	1772.4	1813.3	1854.0	1866.6	1854.0	1813.3	1772.4	1753.9	1715.1	1667.9	1619.0
42.5°	1955.3	1968.5	1976.1	1976.4	1976.1	1968.5	1955.3	1937.9	1896.8	1845.3	1781.9
40°	2042.5	2055.1	2062.4	2063.1	2062.4	2055.1	2042.5	2025.2	1994.4	1949.2	1891.2
37.5°	2121.8	2132.5	2139.5	2146.7	2139.5	2132.5	2121.8	2116.8	2112.7	2066.8	2032.2
35°	2479.9	2398.8	2282.1	2299.8	2282.1	2398.8	2479.9	2489.3	2419.9	2290.9	2352.9
32.5°	3095.7	3129.7	3151.0	3187.3	3151.0	3129.7	3095.7	3064.3	3084.4	3013.9	2862.0
30°	3379.7	3391.0	3408.0	3426.0	3408.0	3391.0	3379.7	3370.8	3365.1	3282.9	3191.2
27.5°	3450.6	3462.3	3472.7	3480.4	3472.7	3462.3	3450.6	3444.0	3431.4	3379.9	3301.9
25°	3487.7	3495.0	3506.0	3515.7	3506.0	3495.0	3487.7	3486.3	3476.1	3444.4	3381.7
22.5°	3506.1	3506.9	3515.5	3527.7	3515.5	3506.9	3506.1	3509.1	3504.0	3490.1	3422.1
20°	3518.8	3511.9	3520.8	3528.8	3520.8	3511.9	3518.8	3523.4	3522.0	3522.3	3465.6
17.5°	3679.8	3587.9	3550.2	3550.9	3550.2	3587.9	3679.8	3588.2	3653.2	3683.2	3668.1
15°	4199.3	4233.8	4366.0	4437.4	4366.0	4233.8	4199.3	4298.3	4210.2	4230.7	4152.4
12.5°	4534.6	4522.3	4506.7	4528.0	4506.7	4522.3	4534.6	4537.8	4555.1	4564.5	4540.9
10°	4550.1	4548.8	4520.8	4551.2	4520.8	4548.8	4550.1	4559.5	4581.6	4597.2	4570.2
7.5°	4540.6	4541.5	4529.6	4559.3	4529.6	4541.5	4540.6	4565.4	4580.7	4589.7	4562.2
5°	4546.9	4526.4	4534.2	4551.2	4534.2	4526.4	4546.9	4549.3	4564.1	4575.0	4558.8
2.5°	4529.3	4527.2	4512.1	4524.0	4512.1	4527.2	4529.3	4538.8	4547.5	4552.2	4552.4
0°	4516.0	4504.9	4504.9	4515.0	4504.9	4504.9	4516.0	4533.1	4548.2	4561.3	4566.3
-2.5°	4539.8	4537.5	4536.0	4529.1	4536.0	4537.5	4539.8	4547.5	4554.9	4561.4	4563.8
-5°	4559.3	4553.4	4536.9	4559.3	4536.9	4553.4	4559.3	4567.7	4580.4	4589.3	4586.8
-7.5°	4580.4	4565.1	4549.5	4584.5	4549.5	4565.1	4580.4	4587.2	4602.2	4614.1	4613.0
-10°	4599.7	4577.6	4562.3	4596.5	4562.3	4577.6	4599.7	4615.2	4628.0	4639.4	4641.4
-12.5°	4625.1	4599.3	4589.0	4607.6	4589.0	4599.3	4625.1	4643.0	4656.9	4665.4	4662.1
-15°	4652.2	4634.3	4631.9	4642.9	4631.9	4634.3	4652.2	4671.0	4682.0	4688.9	4676.5
-17.5°	4676.0	4663.5	4669.7	4682.2	4669.7	4663.5	4676.0	4691.4	4700.5	4703.2	4686.3
-20°	4687.4	4680.4	4687.4	4718.4	4687.4	4680.4	4687.4	4697.2	4703.4	4701.8	4677.1



REPORT NUMBER: P645399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	4686.5	4686.9	4699.2	4709.4	4699.2	4686.9	4686.5	4691.7	4691.2	4683.5	4642.0
-25°	4668.5	4678.0	4692.2	4712.4	4692.2	4678.0	4668.5	4668.1	4661.8	4641.8	4599.8
-27.5°	4625.4	4641.1	4655.9	4677.1	4655.9	4641.1	4625.4	4619.4	4608.3	4580.7	4546.5
-30°	4563.1	4581.7	4594.9	4617.7	4594.9	4581.7	4563.1	4551.7	4534.5	4502.9	4451.3
-32.5°	4487.2	4508.2	4523.8	4540.1	4523.8	4508.2	4487.2	4469.8	4451.4	4415.0	4343.9
-35°	4392.4	4415.1	4431.7	4446.5	4431.7	4415.1	4392.4	4369.5	4346.4	4315.1	4234.1
-37.5°	4278.3	4302.8	4321.7	4338.7	4321.7	4302.8	4278.3	4251.0	4226.6	4196.2	4117.6
-40°	4145.6	4170.7	4190.8	4209.7	4190.8	4170.7	4145.6	4114.3	4086.7	4051.3	3983.1
-42.5°	3990.4	4015.7	4036.5	4055.6	4036.5	4015.7	3990.4	3957.1	3923.2	3880.5	3821.5
-45°	3811.1	3837.2	3859.1	3879.3	3859.1	3837.2	3811.1	3776.3	3733.0	3677.5	3607.2
-47.5°	3604.6	3632.5	3651.3	3660.7	3651.3	3632.5	3604.6	3567.6	3517.3	3452.3	3375.3
-50°	3367.9	3395.7	3418.4	3435.1	3418.4	3395.7	3367.9	3331.0	3280.2	3209.8	3128.3
-52.5°	3107.4	3133.9	3153.3	3165.1	3153.3	3133.9	3107.4	3071.5	3022.3	2947.0	2861.0
-55°	2822.2	2850.0	2868.4	2877.0	2868.4	2850.0	2822.2	2785.1	2737.9	2661.2	2576.6
-57.5°	2498.6	2525.0	2544.6	2555.7	2544.6	2525.0	2498.6	2462.5	2417.1	2344.9	2263.5
-60°	2140.7	2164.3	2179.1	2184.9	2179.1	2164.3	2140.7	2107.7	2065.3	2001.9	1927.1
-62.5°	1774.5	1796.9	1810.8	1816.3	1810.8	1796.9	1774.5	1744.6	1707.5	1655.5	1593.0
-65°	1412.6	1426.6	1434.4	1435.5	1434.4	1426.6	1412.6	1391.5	1363.3	1323.4	1274.8
-67.5°	1089.8	1100.4	1106.9	1109.1	1106.9	1100.4	1089.8	1075.1	1056.4	1032.8	1003.1
-70°	855.1	862.4	866.6	867.3	866.6	862.4	855.1	844.0	829.2	809.5	785.2
-72.5°	637.5	642.8	640.9	636.6	640.9	642.8	637.5	630.1	620.4	609.2	597.8
-75°	497.4	503.2	500.7	496.6	500.7	503.2	497.4	490.4	482.4	473.2	462.9
-77.5°	397.4	402.6	400.0	395.9	400.0	402.6	397.4	391.1	383.9	375.8	366.4
-80°	283.7	286.8	289.0	290.1	289.0	286.8	283.7	279.8	275.3	270.5	266.8
-82.5°	145.2	140.9	138.2	135.0	138.2	140.9	145.2	148.7	151.4	153.1	154.0
-85°	41.1	40.1	40.7	41.3	40.7	40.1	41.1	41.9	42.5	43.1	46.6
-87.5°	11.7	12.1	12.1	12.1	12.1	12.1	11.7	11.4	11.1	10.7	10.8
-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: P645399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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	6.4	5.4	9.3	15.8	14.2	4.2	22.8	26.3
57.5°	66.7	55.3	115.9	115.6	48.4	65.4	87.5	57.7	37.7	64.6	85.3
55°	464.9	425.7	370.1	364.2	383.4	291.3	243.6	234.4	183.5	119.3	141.7
52.5°	655.3	616.3	578.4	543.1	514.1	483.1	437.6	388.4	372.6	300.1	231.4
50°	741.5	779.4	742.1	650.8	667.0	623.0	558.8	506.6	517.3	472.8	381.2
47.5°	1005.6	1051.8	1052.9	998.5	937.9	919.2	825.2	661.8	672.7	670.8	573.8
45°	1472.2	1407.6	1431.7	1355.2	1248.2	1189.1	1185.8	1011.0	849.1	822.8	813.4
42.5°	1727.9	1680.1	1630.7	1573.6	1479.0	1384.6	1326.4	1228.0	1097.8	982.6	941.7
40°	1831.4	1775.7	1729.5	1682.3	1606.1	1509.4	1462.5	1333.3	1235.4	1135.7	1102.5
37.5°	1956.4	1850.7	1891.9	1802.6	1731.8	1708.3	1671.9	1537.5	1320.6	1302.4	1285.6
35°	2235.4	2136.6	2231.7	2214.8	1933.2	1964.5	1988.7	1823.6	1596.5	1473.4	1476.1
32.5°	2872.0	2644.2	2574.7	2659.9	2511.8	2266.0	2269.6	2219.3	1909.4	1730.2	1651.8
30°	3102.6	3001.4	2891.8	2877.0	2766.7	2624.6	2534.2	2413.4	2187.8	1983.4	1849.0
27.5°	3202.1	3110.2	3018.0	2946.8	2882.9	2786.4	2668.6	2526.6	2366.1	2182.9	2052.4
25°	3273.0	3170.2	3090.6	3012.0	2943.3	2870.2	2749.9	2611.6	2461.9	2314.1	2174.0
22.5°	3330.0	3234.2	3148.6	3064.0	3008.2	2929.7	2821.5	2678.7	2578.2	2484.3	2302.1
20°	3392.4	3300.0	3203.6	3207.7	3125.6	2994.4	2890.5	2819.4	2805.6	2700.0	2464.7
17.5°	3663.2	3409.2	3456.4	3546.0	3365.2	3127.1	3090.0	3094.0	3050.3	2952.1	2659.5
15°	4243.4	3876.4	3879.7	3941.4	3745.5	3452.9	3385.4	3377.1	3308.4	3199.8	2865.3
12.5°	4426.0	4303.5	4280.9	4189.3	3996.8	3778.2	3698.3	3654.9	3528.8	3318.6	3013.3
10°	4487.8	4416.8	4322.4	4230.0	4113.1	4025.3	3911.4	3753.9	3574.9	3372.1	3123.6
7.5°	4495.1	4421.5	4345.5	4257.4	4154.8	4051.8	3939.2	3782.6	3609.5	3410.6	3201.3
5°	4490.8	4417.4	4347.0	4262.7	4158.8	4058.8	3956.9	3802.0	3632.9	3435.8	3252.4
2.5°	4479.8	4405.5	4338.5	4262.0	4158.5	4062.2	3967.7	3822.8	3649.7	3456.5	3269.5
0°	4495.8	4422.3	4358.8	4273.2	4179.5	4067.7	3973.0	3844.1	3657.7	3470.3	3275.9
-2.5°	4502.7	4426.7	4368.5	4272.0	4194.4	4080.2	3984.3	3859.8	3672.9	3494.6	3291.5
-5°	4539.0	4463.5	4387.5	4290.7	4209.1	4102.3	3994.4	3866.1	3684.3	3507.8	3298.5
-7.5°	4562.9	4486.3	4397.8	4304.0	4222.0	4120.2	4000.6	3866.7	3694.8	3507.6	3301.9
-10°	4577.9	4497.7	4410.4	4314.4	4229.6	4124.8	3998.5	3863.4	3692.7	3499.4	3294.5
-12.5°	4598.9	4508.7	4418.9	4309.8	4224.7	4117.1	3991.0	3855.7	3676.9	3484.1	3275.6
-15°	4606.8	4514.1	4409.1	4302.1	4209.3	4104.6	3974.4	3832.8	3649.2	3460.5	3244.8
-17.5°	4610.0	4504.7	4392.7	4290.0	4190.0	4079.0	3941.6	3791.0	3613.8	3418.8	3204.1
-20°	4607.5	4484.9	4369.5	4257.8	4153.0	4040.3	3898.4	3749.4	3563.2	3364.8	3151.6



REPORT NUMBER: P645399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	4560.4	4449.4	4332.7	4211.5	4108.5	3988.9	3850.1	3695.8	3497.4	3305.5	3084.6
-25°	4508.7	4396.5	4275.9	4163.3	4053.5	3934.7	3792.0	3617.1	3428.7	3229.1	3003.3
-27.5°	4447.5	4329.6	4205.1	4090.4	3974.5	3857.5	3710.1	3533.8	3352.4	3134.2	2914.9
-30°	4364.9	4243.2	4116.3	3985.1	3879.1	3759.9	3614.0	3442.9	3248.1	3032.6	2824.0
-32.5°	4252.7	4138.3	4011.3	3886.7	3776.0	3650.8	3503.6	3333.7	3129.3	2925.4	2708.4
-35°	4138.8	4020.2	3899.2	3781.8	3665.2	3534.2	3383.9	3199.0	3003.5	2801.6	2576.4
-37.5°	4008.6	3885.2	3771.4	3659.9	3539.6	3405.3	3239.5	3060.8	2870.2	2648.2	2433.9
-40°	3868.8	3749.8	3625.6	3515.4	3387.1	3251.6	3091.4	2917.7	2708.2	2488.8	2287.3
-42.5°	3702.8	3583.9	3456.0	3333.3	3208.6	3079.8	2935.0	2747.2	2539.5	2332.5	2123.3
-45°	3502.3	3383.4	3257.6	3131.1	3014.4	2889.2	2754.6	2554.2	2349.1	2151.9	1951.1
-47.5°	3276.7	3161.4	3040.1	2914.6	2803.7	2678.0	2513.9	2327.5	2146.1	1958.4	1752.9
-50°	3031.8	2922.0	2809.8	2693.4	2568.8	2427.0	2269.5	2106.9	1927.2	1734.5	1546.8
-52.5°	2763.9	2663.5	2557.6	2445.8	2317.1	2176.4	2028.9	1856.3	1676.9	1513.4	1342.6
-55°	2484.5	2385.4	2280.7	2169.0	2049.0	1909.8	1757.0	1600.0	1453.6	1302.3	1172.0
-57.5°	2175.4	2081.4	1981.7	1876.2	1765.4	1635.9	1501.9	1368.7	1252.7	1135.2	1016.9
-60°	1844.9	1757.2	1672.3	1578.8	1476.6	1365.2	1267.4	1169.1	1070.7	976.9	881.7
-62.5°	1524.8	1451.4	1375.2	1299.3	1221.6	1141.1	1060.1	984.2	906.7	827.1	757.1
-65°	1222.3	1166.5	1106.4	1053.9	998.7	940.5	875.4	815.9	759.5	701.3	641.7
-67.5°	968.4	928.6	886.1	844.7	806.8	766.6	720.9	672.8	628.1	584.9	541.0
-70°	759.7	733.3	705.7	675.5	645.3	615.0	581.3	545.9	510.0	477.7	446.8
-72.5°	583.1	564.8	543.9	522.1	498.9	478.2	455.3	431.3	407.1	382.5	359.2
-75°	451.2	438.0	423.6	407.3	387.7	364.4	347.1	335.4	320.8	302.9	283.4
-77.5°	356.8	347.2	336.9	323.0	308.7	293.8	279.2	264.7	250.4	236.9	224.6
-80°	262.5	258.0	252.3	240.8	229.3	217.8	206.9	198.0	189.7	180.5	169.3
-82.5°	154.1	153.6	152.0	145.5	139.1	132.7	126.5	120.3	113.7	106.8	99.8
-85°	49.8	52.5	54.8	55.8	56.5	56.6	56.3	54.7	52.7	50.5	48.2
-87.5°	10.9	10.9	11.0	11.4	11.8	12.1	12.4	13.0	13.5	13.9	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: P645399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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	6.4	8.5	4.8	3.8	3.0	8.8	5.5	3.7	2.7
60°	7.9	6.5	17.8	28.4	19.9	6.7	9.8	15.2	14.0	4.8	3.8
57.5°	73.9	25.4	36.8	53.2	52.3	28.4	20.7	27.6	23.8	13.7	5.3
55°	157.7	132.7	87.6	80.2	86.7	70.0	45.6	44.7	36.7	25.4	8.6
52.5°	216.4	225.8	196.5	137.3	119.6	113.9	89.0	64.9	57.6	38.1	22.0
50°	313.2	291.7	288.7	242.4	167.6	151.7	131.4	101.3	80.8	54.6	37.3
47.5°	442.5	388.7	360.1	339.3	267.5	193.4	172.3	138.5	106.4	78.6	53.2
45°	632.3	502.3	447.2	413.4	366.6	272.0	215.6	174.7	138.7	105.5	69.9
42.5°	822.9	649.5	546.6	492.0	443.3	360.8	261.9	216.4	170.1	132.9	91.1
40°	991.2	801.3	651.1	580.9	518.6	446.6	337.0	261.0	200.9	161.1	115.2
37.5°	1193.7	974.0	771.3	674.0	598.9	518.2	413.1	307.6	237.9	190.7	139.3
35°	1389.7	1197.7	905.9	786.6	688.3	591.6	486.4	362.6	283.4	220.8	163.5
32.5°	1600.2	1408.0	1109.1	912.3	780.8	666.7	555.0	429.6	329.1	251.2	187.5
30°	1765.8	1546.5	1287.4	1038.1	881.4	750.5	623.4	493.9	375.0	281.9	211.8
27.5°	1853.6	1666.3	1428.1	1178.3	994.7	836.3	693.9	555.3	420.8	315.6	237.0
25°	1944.4	1750.7	1528.7	1300.9	1106.6	927.2	764.1	613.8	470.8	353.6	262.0
22.5°	2053.1	1822.4	1613.5	1398.0	1221.9	1019.4	837.8	673.1	520.8	390.9	286.6
20°	2162.2	1889.1	1697.2	1530.2	1335.1	1119.1	914.7	730.9	567.9	427.2	310.7
17.5°	2276.8	2010.1	1839.3	1659.2	1448.0	1215.7	990.6	787.0	612.2	462.4	334.1
15°	2476.0	2191.3	1982.4	1784.7	1560.2	1308.6	1064.6	840.8	653.5	496.2	355.8
12.5°	2657.0	2359.9	2125.6	1906.0	1670.7	1397.2	1136.0	892.0	691.7	523.1	375.2
10°	2806.7	2516.3	2267.2	2022.5	1777.8	1480.9	1204.0	933.7	714.7	543.2	393.0
7.5°	2929.3	2660.9	2405.3	2133.3	1869.9	1535.6	1238.3	958.0	732.4	560.4	409.3
5°	3018.0	2757.3	2478.6	2171.9	1898.7	1558.0	1261.7	977.8	746.8	574.6	424.0
2.5°	3043.5	2787.0	2506.2	2193.1	1918.2	1572.6	1278.3	992.9	757.8	586.2	437.0
0°	3058.3	2806.5	2523.4	2206.1	1928.1	1579.5	1288.4	1003.3	765.6	595.3	448.3
-2.5°	3079.1	2823.3	2540.1	2239.5	1934.7	1600.7	1294.1	1010.1	775.5	598.6	454.9
-5°	3089.4	2829.9	2548.0	2262.0	1932.9	1613.3	1293.4	1012.2	781.9	599.7	459.7
-7.5°	3084.9	2827.7	2548.4	2269.0	1924.2	1616.2	1286.4	1010.0	784.5	598.9	462.7
-10°	3071.0	2816.2	2538.6	2250.8	1916.1	1604.8	1273.9	1003.6	783.0	596.3	463.9
-12.5°	3049.8	2794.8	2518.7	2224.6	1899.4	1581.2	1259.1	992.6	776.6	592.2	463.1
-15°	3022.4	2763.6	2488.5	2191.3	1871.8	1549.9	1236.9	976.6	764.3	587.5	460.4
-17.5°	2987.2	2722.9	2447.8	2151.8	1832.9	1511.1	1207.1	955.8	748.9	581.8	454.8
-20°	2924.3	2668.3	2396.1	2106.9	1782.5	1465.1	1169.6	930.2	730.6	573.7	446.9



REPORT NUMBER: P645399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	2853.6	2600.7	2331.6	2046.3	1721.8	1412.2	1124.3	899.7	709.5	563.1	437.4
-25°	2778.3	2524.6	2256.6	1962.4	1654.6	1356.3	1078.8	864.4	685.7	550.0	426.3
-27.5°	2689.8	2438.5	2171.7	1870.1	1576.7	1291.5	1035.3	833.2	662.6	534.4	413.8
-30°	2590.4	2337.1	2065.5	1771.5	1491.2	1216.4	986.5	799.8	643.1	517.3	399.8
-32.5°	2476.4	2225.4	1947.9	1670.6	1401.0	1136.9	932.6	764.2	620.6	499.3	386.9
-35°	2346.6	2095.5	1823.2	1562.3	1305.4	1072.6	879.9	726.3	595.0	479.7	373.2
-37.5°	2211.5	1956.1	1698.5	1449.2	1203.8	1003.0	832.5	688.9	566.5	458.8	358.1
-40°	2057.1	1812.6	1567.7	1332.7	1115.8	928.3	781.2	652.0	539.6	436.5	341.6
-42.5°	1898.1	1662.1	1431.2	1209.3	1028.9	867.5	727.5	612.2	511.1	414.9	323.8
-45°	1726.7	1503.2	1286.0	1105.4	940.6	803.1	680.4	571.0	480.7	392.9	305.3
-47.5°	1545.9	1335.7	1154.1	997.1	865.5	738.3	630.4	535.4	448.9	369.3	286.8
-50°	1354.4	1179.8	1032.6	903.0	784.5	680.0	580.5	498.1	419.6	343.2	267.4
-52.5°	1184.6	1044.8	923.0	812.0	713.1	618.7	537.6	459.8	389.5	318.2	247.1
-55°	1039.2	924.6	821.7	729.4	642.3	566.1	493.0	425.8	358.6	293.2	226.6
-57.5°	913.6	813.4	731.1	650.9	579.0	514.0	452.4	391.1	329.0	267.3	210.3
-60°	792.9	718.1	644.9	580.4	519.6	464.4	414.1	356.4	299.0	241.3	192.3
-62.5°	688.7	624.8	569.5	513.3	462.7	417.8	375.4	322.4	268.3	217.3	172.7
-65°	591.0	541.9	494.8	450.0	408.1	370.0	335.7	287.6	237.4	191.9	152.3
-67.5°	498.2	461.3	424.3	386.7	353.7	322.8	293.5	250.1	205.2	165.2	132.2
-70°	415.4	383.8	354.8	326.9	300.1	274.4	246.8	210.1	171.4	141.2	111.5
-72.5°	337.2	314.1	290.0	267.0	247.3	224.7	199.2	170.6	143.5	116.8	90.4
-75°	264.8	249.5	232.6	214.3	195.9	175.7	158.9	138.9	115.3	91.9	72.9
-77.5°	211.8	197.0	180.0	165.5	153.1	139.3	124.0	106.6	87.9	71.5	56.3
-80°	156.3	144.9	135.3	126.9	115.5	102.9	90.2	77.6	63.9	51.2	39.5
-82.5°	95.3	92.8	90.2	86.3	76.8	67.4	58.2	49.2	39.5	30.6	25.3
-85°	47.6	46.7	45.3	43.2	37.4	31.7	29.0	26.3	23.1	19.9	16.9
-87.5°	15.6	16.8	17.8	18.5	17.2	15.8	14.5	13.2	11.6	10.0	8.5
-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: P645399 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-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°	2.4	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°	6.9	4.8	3.4	2.5	2.2	1.4	0.0
55°	11.0	5.7	4.3	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°	21.2	12.5	6.1	2.9	2.6	1.7	0.0
47.5°	28.5	18.1	7.0	3.1	2.7	1.8	0.0
45°	43.1	24.0	8.0	3.9	2.8	1.9	0.0
42.5°	58.0	30.3	9.1	4.7	3.0	2.0	0.0
40°	73.2	37.1	12.2	5.7	3.1	2.1	0.0
37.5°	88.7	44.1	17.5	6.9	3.2	2.1	0.0
35°	104.5	54.8	22.8	8.2	3.3	2.2	0.0
32.5°	121.6	67.2	28.2	9.7	3.5	2.3	0.0
30°	141.1	79.6	33.6	11.3	3.6	2.4	0.0
27.5°	160.2	91.8	40.4	13.0	3.7	2.5	0.0
25°	178.9	103.7	47.3	14.8	3.9	2.5	0.0
22.5°	197.1	116.0	54.1	16.6	4.0	2.6	0.0
20°	214.6	129.1	60.9	18.6	4.1	2.7	0.0
17.5°	231.9	141.8	67.6	20.5	4.2	2.7	0.0
15°	248.6	154.0	74.2	22.5	4.4	2.8	0.0
12.5°	264.2	165.6	80.5	24.4	4.5	2.8	0.0
10°	278.6	176.6	86.5	26.4	4.6	2.9	0.0
7.5°	291.9	186.9	92.2	28.2	4.7	2.9	0.0
5°	304.0	196.4	97.6	30.0	4.8	2.9	0.0
2.5°	314.8	205.0	102.4	31.7	4.9	3.0	0.0
0°	324.4	212.6	106.8	33.2	5.0	3.0	0.0
-2.5°	329.2	217.4	110.9	35.4	5.8	3.2	0.0
-5°	332.6	221.3	114.3	37.4	6.6	3.3	0.0
-7.5°	334.8	224.0	117.1	39.1	7.3	3.5	0.0
-10°	335.8	225.8	119.3	40.7	8.1	3.6	0.0
-12.5°	335.7	226.5	120.7	42.0	8.7	3.8	0.0
-15°	334.3	226.1	121.4	43.0	9.4	3.9	0.0
-17.5°	331.9	224.8	121.3	43.8	10.0	4.0	0.0
-20°	328.1	222.4	120.4	44.2	10.6	4.1	0.0

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REPORT NUMBER: P645399 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	322.6	219.0	118.7	44.4	11.1	4.2	0.0
-25°	315.8	213.7	116.2	44.2	11.5	4.3	0.0
-27.5°	307.8	207.1	112.8	43.6	11.9	4.3	0.0
-30°	298.5	199.7	108.5	42.8	12.2	4.4	0.0
-32.5°	288.0	191.3	103.6	41.5	12.5	4.4	0.0
-35°	276.6	182.1	98.1	39.9	12.6	4.4	0.0
-37.5°	264.4	172.8	92.1	37.9	12.7	4.3	0.0
-40°	251.2	164.4	85.5	35.5	12.7	4.3	0.0
-42.5°	237.1	155.5	80.5	33.0	12.7	4.2	0.0
-45°	222.1	145.9	77.1	30.4	12.5	4.1	0.0
-47.5°	206.2	135.8	73.1	27.5	12.3	4.0	0.0
-50°	193.0	125.1	68.5	26.5	12.0	3.9	0.0
-52.5°	179.7	113.9	63.3	26.0	11.6	3.8	0.0
-55°	166.0	105.5	57.5	25.1	11.1	3.6	0.0
-57.5°	151.7	96.9	51.1	24.1	10.6	3.4	0.0
-60°	137.2	87.6	44.5	22.7	10.0	3.3	0.0
-62.5°	123.9	77.5	41.3	21.1	9.4	3.0	0.0
-65°	109.8	66.7	37.7	19.2	8.7	2.8	0.0
-67.5°	94.7	57.6	33.7	17.2	8.0	2.6	0.0
-70°	78.8	50.4	29.3	14.9	7.3	2.3	0.0
-72.5°	66.7	42.7	24.6	13.1	6.4	2.1	0.0
-75°	54.5	34.5	19.6	11.4	5.6	1.8	0.0
-77.5°	41.7	25.9	16.2	9.6	4.7	1.5	0.0
-80°	28.5	19.7	13.1	7.8	3.8	1.2	0.0
-82.5°	20.9	14.9	9.9	5.9	2.9	0.9	0.0
-85°	14.0	10.0	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)