

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: P645561 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6C-727-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645561 (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-SA6C-727-U-LAM-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

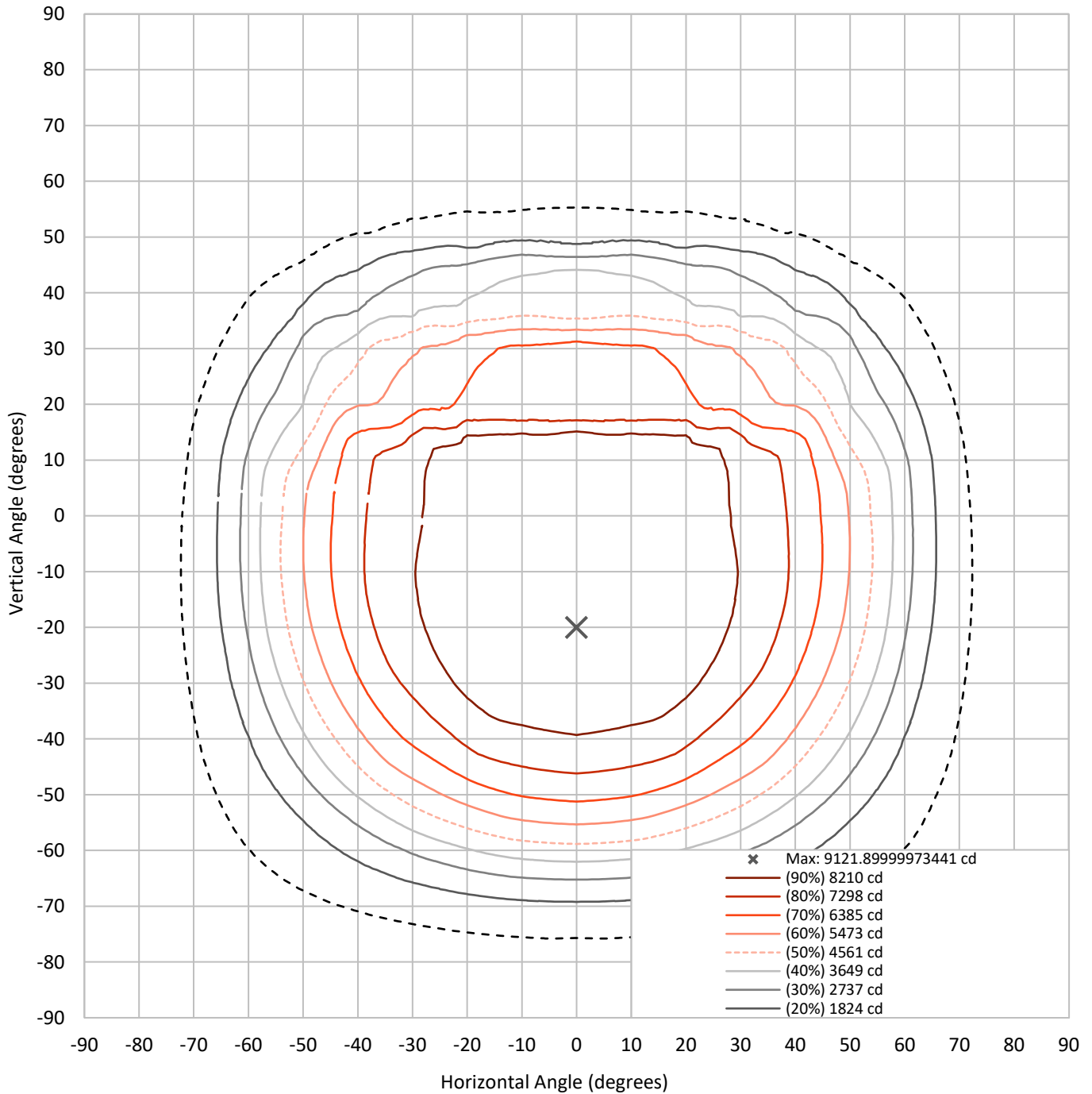
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	21389 lumens	Max Intensity:	9121.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	86.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	16720.7 lumens	Field Lumens:	20964.3 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	247.5		
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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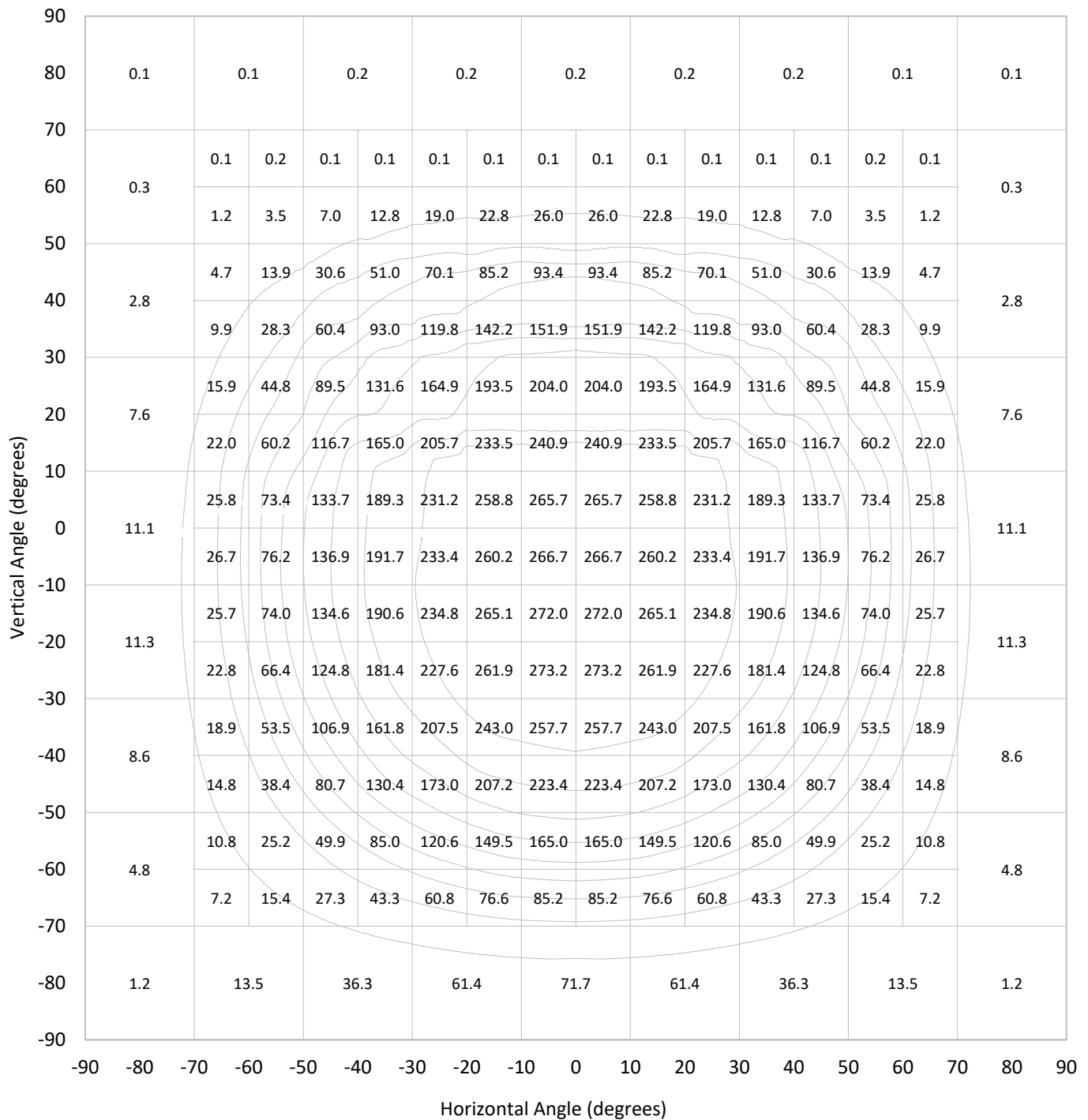
Iso-Candela Plot





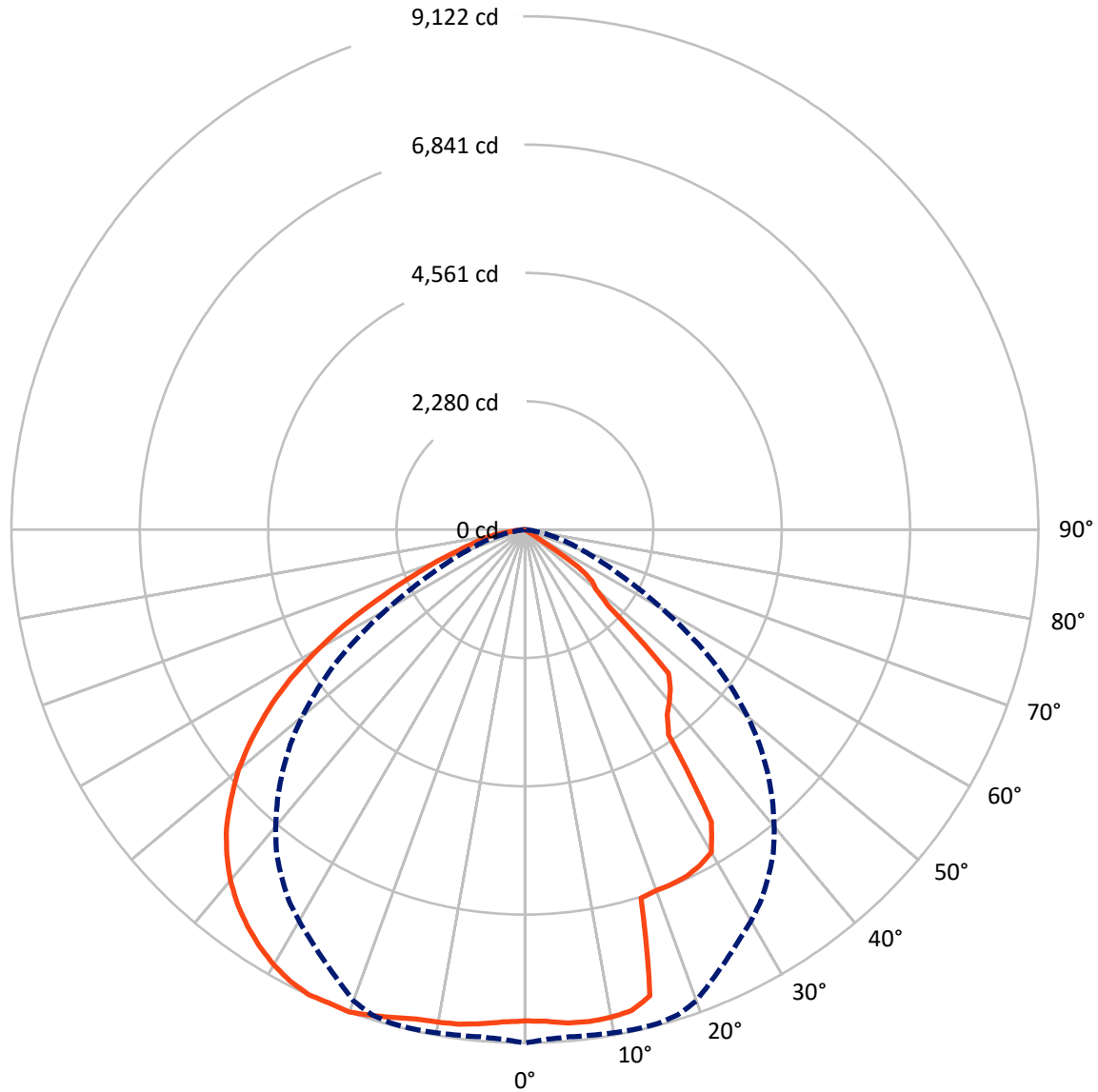
REPORT NUMBER: P645561 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P645561 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

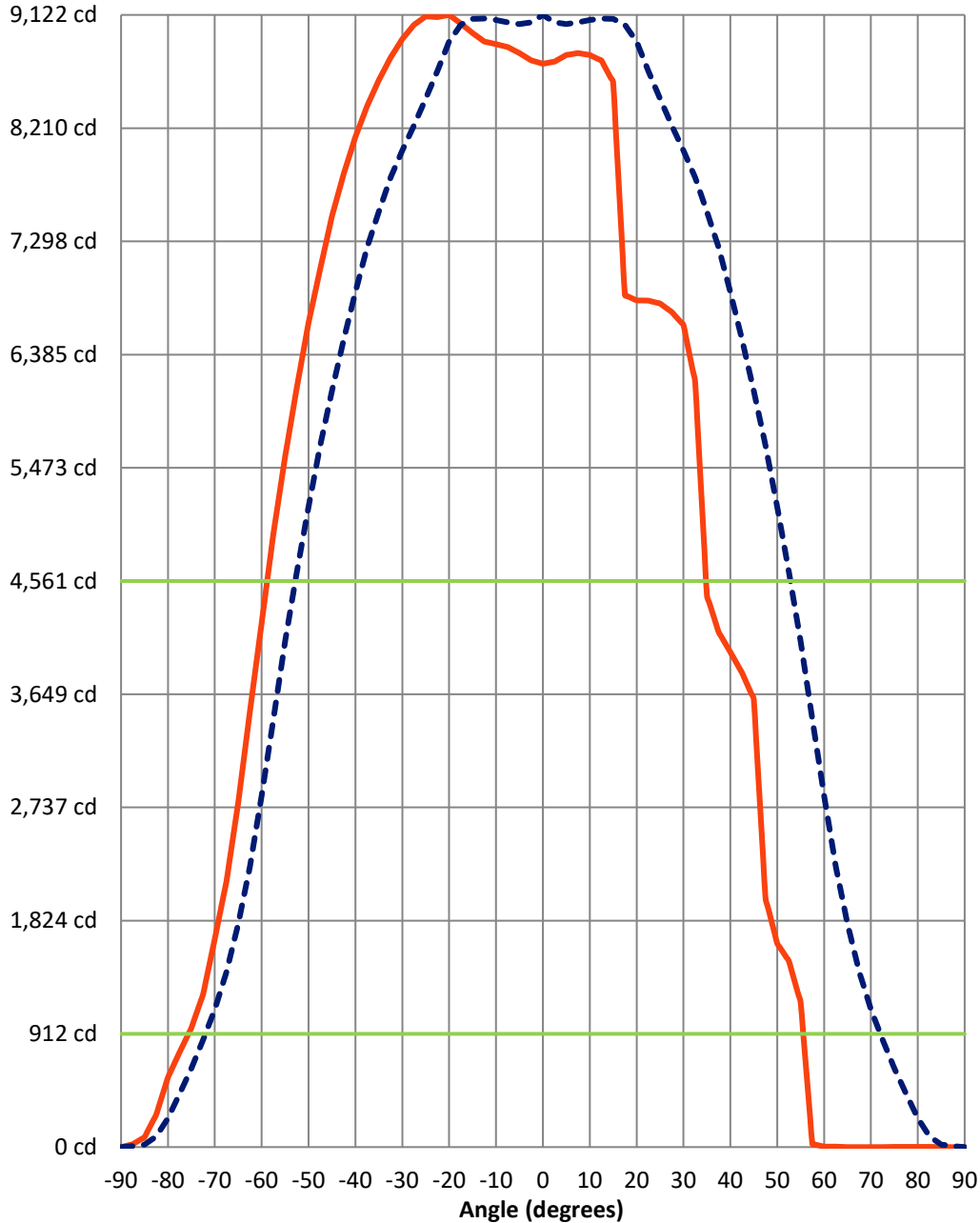


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 16720.7
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 20964.3
 Efficiency: 98.0%

Spill:
 Lumens: 424.7
 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	0.2	0.3	0.5	0.7	0.8	1.0	1.0	1.0	0.9	0.8
85°	0.0	0.4	0.7	1.0	1.4	1.7	2.0	2.0	2.0	1.8	1.6
82.5°	0.0	0.6	1.0	1.5	2.0	2.5	3.0	3.1	2.9	2.4	1.9
80°	0.0	0.8	1.4	2.0	2.7	3.4	3.9	3.4	3.0	2.5	2.0
77.5°	0.0	1.1	1.7	2.5	3.4	3.9	3.9	3.5	3.0	2.5	2.0
75°	0.0	1.3	2.0	3.0	3.9	4.1	3.9	3.5	3.0	2.5	2.1
72.5°	0.0	1.5	2.4	3.5	4.1	4.2	4.0	3.6	3.1	2.6	2.1
70°	0.0	1.7	2.7	3.9	4.3	4.3	4.1	3.6	3.1	2.7	3.1
67.5°	0.0	1.9	3.1	4.1	4.5	4.5	4.6	3.7	3.2	4.3	4.4
65°	0.0	2.1	3.4	4.3	4.7	5.2	5.2	3.7	5.2	6.1	7.6
62.5°	0.0	2.3	3.8	4.5	4.9	6.4	6.1	5.2	7.2	10.7	17.0
60°	0.0	2.5	4.1	4.7	5.1	7.8	7.2	7.4	9.4	27.0	29.4
57.5°	0.0	2.7	4.4	4.9	6.6	9.4	13.3	10.4	26.5	45.9	53.4
55°	0.0	2.9	4.6	5.1	8.2	11.1	21.2	16.8	49.1	70.9	86.4
52.5°	0.0	3.1	4.8	5.3	9.9	14.2	30.5	42.7	73.7	111.3	125.3
50°	0.0	3.3	5.0	5.5	11.7	24.2	41.1	72.1	105.4	156.1	195.8
47.5°	0.0	3.4	5.2	6.0	13.6	34.9	55.2	102.9	151.9	205.6	267.8
45°	0.0	3.6	5.5	7.5	15.5	46.4	83.3	135.2	203.9	268.0	337.6
42.5°	0.0	3.8	5.7	9.0	17.5	58.7	112.1	176.1	256.9	328.8	418.2
40°	0.0	4.0	6.0	10.9	23.6	71.7	141.5	222.7	311.4	388.3	504.5
37.5°	0.0	4.1	6.2	13.2	33.7	85.3	171.5	269.3	368.6	459.9	594.5
35°	0.0	4.3	6.5	15.9	44.1	106.0	202.0	315.9	426.7	547.8	701.0
32.5°	0.0	4.5	6.7	18.7	54.5	130.0	235.0	362.4	485.5	636.3	830.5
30°	0.0	4.6	7.0	21.8	65.0	153.9	272.7	409.3	544.8	724.9	954.7
27.5°	0.0	4.8	7.2	25.1	78.0	177.4	309.7	458.2	610.1	813.4	1073.5
25°	0.0	4.9	7.5	28.6	91.4	200.6	345.9	506.5	683.6	910.1	1186.7
22.5°	0.0	5.0	7.7	32.2	104.6	224.2	380.9	554.0	755.7	1006.8	1301.2
20°	0.0	5.1	8.0	35.9	117.8	249.6	414.8	600.6	826.0	1097.9	1413.0
17.5°	0.0	5.3	8.2	39.7	130.7	274.1	448.3	645.8	894.0	1183.5	1521.3
15°	0.0	5.4	8.5	43.5	143.4	297.7	480.5	687.8	959.3	1263.3	1625.4
12.5°	0.0	5.5	8.7	47.3	155.6	320.1	510.7	725.3	1011.4	1337.2	1724.4
10°	0.0	5.5	8.9	51.0	167.3	341.4	538.6	759.8	1050.3	1381.6	1805.1
7.5°	0.0	5.6	9.1	54.6	178.3	361.2	564.3	791.2	1083.4	1415.9	1852.1
5°	0.0	5.7	9.3	58.1	188.6	379.5	587.7	819.6	1110.9	1443.6	1890.3
2.5°	0.0	5.8	9.5	61.3	198.0	396.1	608.6	844.7	1133.4	1465.0	1919.6
0°	0.0	5.8	9.7	64.3	206.4	410.9	627.1	866.6	1150.9	1480.1	1939.7
-2.5°	0.0	6.1	11.2	68.5	214.3	420.3	636.3	879.4	1157.2	1499.2	1952.8
-5°	0.0	6.5	12.7	72.3	221.0	427.7	643.0	888.7	1159.4	1511.6	1956.9
-7.5°	0.0	6.8	14.2	75.8	226.4	433.0	647.3	894.5	1157.8	1516.6	1952.6
-10°	0.0	7.0	15.6	78.8	230.5	436.4	649.2	896.7	1152.9	1513.7	1940.2
-12.5°	0.0	7.3	16.9	81.3	233.3	437.8	648.9	895.3	1144.9	1501.4	1918.9
-15°	0.0	7.6	18.2	83.3	234.6	437.2	646.3	890.0	1135.8	1477.7	1888.0
-17.5°	0.0	7.8	19.4	84.7	234.5	434.5	641.6	879.3	1124.8	1447.9	1847.8
-20°	0.0	8.0	20.5	85.6	232.8	429.9	634.3	863.9	1109.1	1412.4	1798.2

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6C-727-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	8.1	21.4	85.8	229.5	423.4	623.7	845.6	1088.6	1371.6	1739.3
-25°	0.0	8.2	22.3	85.4	224.6	413.2	610.6	824.2	1063.3	1325.5	1671.2
-27.5°	0.0	8.3	23.0	84.4	218.1	400.5	595.1	800.0	1033.1	1281.0	1610.8
-30°	0.0	8.4	23.6	82.7	209.9	386.1	577.1	772.9	1000.2	1243.3	1546.3
-32.5°	0.0	8.4	24.1	80.2	200.4	370.0	556.8	747.9	965.2	1199.7	1477.3
-35°	0.0	8.4	24.4	77.1	189.8	352.1	534.8	721.5	927.4	1150.4	1404.1
-37.5°	0.0	8.4	24.6	73.2	178.1	334.2	511.1	692.4	886.9	1095.2	1331.8
-40°	0.0	8.3	24.6	68.7	165.3	318.0	485.6	660.5	843.8	1043.1	1260.5
-42.5°	0.0	8.2	24.5	63.7	155.7	300.6	458.4	626.0	802.2	988.1	1183.6
-45°	0.0	8.0	24.2	58.8	149.1	282.1	429.4	590.3	759.6	929.4	1104.0
-47.5°	0.0	7.8	23.7	53.0	141.3	262.5	398.8	554.5	713.9	867.8	1035.1
-50°	0.0	7.6	23.1	51.2	132.4	241.9	373.2	517.0	663.5	811.3	962.9
-52.5°	0.0	7.3	22.4	50.1	122.3	220.3	347.6	477.8	615.2	753.1	889.0
-55°	0.0	7.0	21.5	48.6	111.1	204.0	320.9	438.2	566.8	693.3	823.3
-57.5°	0.0	6.7	20.5	46.5	98.8	187.4	293.3	406.7	516.7	636.0	756.1
-60°	0.0	6.3	19.3	43.8	86.0	169.3	265.3	371.8	466.6	578.2	689.0
-62.5°	0.0	5.9	18.1	40.7	79.9	149.7	239.7	333.9	420.2	518.7	623.4
-65°	0.0	5.4	16.8	37.1	72.9	128.8	212.2	294.6	371.0	459.0	556.1
-67.5°	0.0	5.0	15.5	33.1	65.1	111.4	183.0	255.6	319.3	396.6	483.5
-70°	0.0	4.5	14.0	28.7	56.7	97.5	152.3	215.6	273.0	331.5	406.2
-72.5°	0.0	4.0	12.4	25.3	47.5	82.5	128.8	174.8	225.8	277.5	329.9
-75°	0.0	3.5	10.8	22.0	37.8	66.6	105.3	140.8	177.7	222.8	268.5
-77.5°	0.0	2.9	9.1	18.6	31.3	50.0	80.7	108.9	138.2	170.0	206.2
-80°	0.0	2.3	7.3	15.0	25.3	38.1	55.1	76.3	99.0	123.6	150.0
-82.5°	0.0	1.8	5.5	11.3	19.1	28.8	40.4	49.0	59.2	76.5	95.2
-85°	0.0	1.2	3.7	7.6	12.8	19.3	27.1	32.7	38.6	44.6	50.9
-87.5°	0.0	0.6	1.9	3.8	6.4	9.7	13.6	16.4	19.3	22.4	25.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5
85°	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75°	1.9	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	2.2	2.5	2.4	2.1	1.9	1.9	1.9	1.9	1.9	1.9	1.9
70°	3.0	3.1	2.7	2.2	1.9	2.0	2.2	2.1	1.9	1.9	1.9
67.5°	3.8	3.3	2.8	2.6	2.7	2.9	2.8	2.4	1.9	1.9	2.0
65°	3.8	3.4	4.8	5.5	4.1	3.4	3.0	2.5	2.6	2.8	2.8
62.5°	5.8	7.3	9.3	16.5	12.3	3.6	6.4	7.6	5.6	4.6	4.9
60°	19.0	12.9	38.4	55.0	34.3	12.5	15.3	50.9	44.1	8.1	27.5
57.5°	40.0	54.8	101.1	102.9	71.2	49.1	142.8	165.0	124.9	72.9	111.5
55°	88.0	135.3	167.6	155.2	169.4	256.6	304.9	273.9	230.5	354.7	453.2
52.5°	172.0	220.2	231.2	265.4	379.9	436.5	418.2	447.3	580.1	720.5	750.9
50°	253.9	293.4	324.1	468.6	558.2	563.8	605.5	737.0	914.1	1000.0	979.2
47.5°	333.1	374.0	517.1	655.9	696.2	751.3	855.4	1109.3	1296.8	1300.5	1279.3
45°	416.8	525.9	708.6	799.2	864.5	971.2	1222.4	1572.6	1590.8	1641.6	1954.6
42.5°	506.4	697.5	857.0	951.2	1056.7	1255.7	1590.9	1820.7	1899.7	2122.4	2374.1
40°	651.4	863.3	1002.6	1123.0	1258.7	1549.0	1916.2	2131.5	2195.7	2388.5	2577.7
37.5°	798.6	1001.8	1157.9	1303.1	1491.1	1883.0	2307.8	2485.3	2517.8	2553.1	2972.3
35°	940.3	1143.8	1330.6	1520.7	1751.2	2315.4	2686.7	2853.6	2848.5	3086.4	3525.4
32.5°	1072.8	1288.9	1509.4	1763.6	2144.0	2722.1	3093.5	3193.4	3345.0	3691.3	4290.6
30°	1205.2	1450.8	1704.0	2006.9	2488.8	2989.7	3413.7	3574.5	3834.3	4229.6	4665.7
27.5°	1341.5	1616.8	1923.0	2277.9	2760.9	3221.4	3583.5	3967.7	4220.1	4574.3	4884.6
25°	1477.2	1792.5	2139.2	2514.9	2955.3	3384.5	3759.1	4202.8	4473.8	4759.4	5048.8
22.5°	1619.5	1970.7	2362.3	2702.6	3119.3	3523.2	3969.2	4450.5	4802.8	4984.3	5178.6
20°	1768.4	2163.5	2581.1	2958.2	3281.1	3652.1	4180.1	4764.8	5219.7	5423.9	5450.5
17.5°	1915.0	2350.2	2799.3	3207.5	3555.8	3886.0	4401.5	5141.5	5707.1	5896.9	5981.4
15°	2058.1	2529.9	3016.3	3450.1	3832.5	4236.2	4786.8	5539.3	6185.9	6395.9	6528.8
12.5°	2196.1	2701.2	3229.8	3684.7	4109.4	4562.3	5136.6	5825.4	6415.7	6822.0	7065.8
10°	2327.7	2863.0	3437.0	3909.9	4383.1	4864.7	5426.1	6038.7	6519.1	6911.1	7257.1
7.5°	2394.0	2968.7	3615.0	4124.2	4650.0	5144.1	5663.1	6188.9	6593.6	6978.1	7312.6
5°	2439.1	3012.1	3670.6	4198.8	4791.8	5330.6	5834.5	6287.7	6642.2	7023.3	7350.1
2.5°	2471.3	3040.2	3708.2	4239.7	4845.1	5387.9	5883.8	6320.7	6682.4	7055.7	7390.3
0°	2490.8	3053.6	3727.4	4264.9	4878.4	5425.6	5912.5	6333.1	6709.0	7071.2	7431.5
-2.5°	2501.8	3094.5	3740.2	4329.5	4910.6	5458.1	5952.6	6363.2	6756.0	7100.7	7461.8
-5°	2500.4	3118.8	3736.8	4373.0	4926.0	5470.8	5972.6	6376.8	6781.4	7122.7	7474.2
-7.5°	2486.9	3124.5	3720.0	4386.7	4926.6	5466.5	5963.8	6383.3	6781.0	7143.0	7475.4
-10°	2462.6	3102.4	3704.4	4351.4	4907.7	5444.3	5936.9	6369.0	6765.2	7138.9	7468.9
-12.5°	2434.1	3056.9	3672.0	4300.8	4869.3	5402.9	5896.1	6332.5	6735.6	7108.3	7454.0
-15°	2391.2	2996.3	3618.6	4236.4	4810.9	5342.6	5843.0	6273.0	6689.9	7054.9	7409.8
-17.5°	2333.7	2921.3	3543.5	4160.0	4732.2	5264.0	5774.9	6194.5	6609.3	6986.4	7329.0
-20°	2261.2	2832.4	3446.0	4073.2	4632.2	5158.5	5653.4	6092.8	6504.9	6888.5	7248.5



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 CATALOG NUMBER: GFLD-SA6C-727-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°	2173.5	2730.1	3328.6	3956.0	4507.5	5027.8	5516.8	5963.2	6390.3	6761.3	7144.8
-25°	2085.7	2622.1	3198.8	3793.9	4362.6	4880.7	5371.1	5806.1	6242.5	6628.5	6992.8
-27.5°	2001.5	2496.8	3048.2	3615.3	4198.4	4714.1	5200.1	5635.3	6059.1	6481.0	6831.8
-30°	1907.1	2351.7	2883.0	3424.7	3993.1	4518.2	5007.8	5459.4	5862.7	6279.4	6656.0
-32.5°	1802.9	2197.9	2708.5	3229.7	3765.7	4302.3	4787.4	5236.0	5655.5	6049.6	6445.0
-35°	1701.0	2073.7	2523.7	3020.3	3524.7	4051.2	4536.6	4980.9	5416.2	5806.6	6184.4
-37.5°	1609.4	1939.1	2327.2	2801.6	3283.6	3781.6	4275.3	4705.4	5119.7	5548.9	5917.3
-40°	1510.2	1794.7	2157.0	2576.3	3030.6	3504.2	3976.9	4421.9	4811.3	5235.5	5640.7
-42.5°	1406.3	1677.1	1989.2	2337.9	2766.8	3213.2	3669.6	4104.8	4509.3	4909.4	5310.9
-45°	1315.4	1552.5	1818.4	2137.0	2486.2	2906.1	3338.2	3772.0	4160.1	4541.5	4938.0
-47.5°	1218.7	1427.4	1673.2	1927.7	2231.2	2582.3	2988.6	3388.7	3786.0	4148.9	4499.7
-50°	1122.3	1314.7	1516.7	1745.8	1996.2	2280.8	2618.3	2990.3	3353.3	3725.7	4073.3
-52.5°	1039.3	1196.2	1378.7	1569.9	1784.3	2019.8	2290.1	2595.7	2925.8	3241.9	3588.6
-55°	953.1	1094.6	1241.9	1410.2	1588.6	1787.4	2009.0	2265.8	2517.7	2810.1	3093.1
-57.5°	874.6	993.8	1119.4	1258.5	1413.4	1572.5	1766.2	1966.0	2194.5	2421.8	2645.9
-60°	800.5	897.9	1004.5	1122.2	1246.8	1388.3	1532.9	1704.5	1888.6	2069.9	2260.1
-62.5°	725.8	807.8	894.6	992.4	1101.0	1208.0	1331.4	1463.6	1599.1	1752.8	1902.8
-65°	649.0	715.3	788.9	870.0	956.6	1047.8	1142.6	1240.5	1355.7	1468.4	1577.4
-67.5°	567.5	624.2	683.8	747.6	820.3	891.8	963.3	1045.9	1130.8	1214.2	1300.5
-70°	477.1	530.6	580.2	632.0	686.0	742.0	803.1	863.7	923.5	986.0	1055.4
-72.5°	385.1	434.4	478.1	516.3	560.7	607.2	651.8	694.4	739.5	786.9	833.9
-75°	307.2	339.7	378.7	414.4	449.7	482.5	511.9	548.0	585.6	620.1	648.5
-77.5°	239.8	269.3	296.0	319.9	348.0	380.9	409.5	434.1	458.0	484.1	511.8
-80°	174.4	199.0	223.3	245.4	261.6	280.2	302.1	327.2	349.0	366.7	382.9
-82.5°	112.6	130.3	148.4	166.8	174.3	179.5	184.3	193.0	206.4	219.8	232.5
-85°	56.1	61.3	72.3	83.6	87.5	90.3	92.1	93.2	97.7	102.0	105.6
-87.5°	28.1	30.7	33.2	35.7	34.4	32.6	30.3	27.5	26.9	26.1	25.1
-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: P645561 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	1.6	1.6	1.6	1.7	1.7	1.3	0.9	0.5	0.0	0.0	0.0
85°	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.4	0.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
70°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
67.5°	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.2
65°	2.7	2.6	2.8	2.7	2.4	2.3	2.4	2.3	2.1	1.7	1.1
62.5°	4.9	5.5	4.3	4.3	4.2	4.1	3.9	3.7	3.4	3.3	3.4
60°	30.5	18.0	10.5	12.3	11.0	7.3	9.3	11.0	11.1	10.1	8.9
57.5°	169.3	126.4	93.6	223.5	224.1	107.0	128.9	202.6	166.9	54.8	50.9
55°	470.9	563.2	741.2	704.1	715.5	823.0	898.6	795.6	779.9	831.1	960.0
52.5°	846.0	934.0	993.9	1049.9	1118.1	1191.4	1266.9	1315.0	1359.9	1407.7	1436.2
50°	1080.4	1204.4	1289.5	1258.2	1434.6	1506.8	1433.6	1499.1	1579.0	1600.9	1611.2
47.5°	1595.2	1777.1	1813.2	1930.4	2035.6	2033.4	1944.1	1949.3	2187.2	2397.0	2500.1
45°	2292.6	2298.7	2413.1	2620.0	2768.0	2721.4	2846.2	3129.9	3224.4	3315.8	3390.6
42.5°	2564.2	2676.8	2859.3	3042.3	3152.6	3248.2	3340.6	3444.9	3567.6	3667.0	3746.5
40°	2827.3	2918.0	3104.9	3252.2	3343.6	3432.9	3540.5	3656.1	3768.3	3855.7	3915.4
37.5°	3232.1	3302.5	3348.0	3484.8	3657.5	3577.8	3782.1	3928.6	3995.6	4084.3	4092.3
35°	3844.7	3797.9	3737.3	4281.8	4314.4	4130.5	4321.6	4548.7	4429.0	4678.3	4812.3
32.5°	4387.7	4380.7	4855.9	5142.2	4977.5	5112.0	5552.4	5532.9	5826.5	5962.7	5923.9
30°	4899.3	5073.9	5348.7	5561.9	5590.5	5802.4	5998.0	6169.4	6346.7	6505.5	6516.5
27.5°	5159.0	5386.8	5573.5	5696.8	5834.4	6012.8	6190.3	6383.3	6534.0	6633.6	6658.0
25°	5316.1	5548.9	5690.1	5822.9	5974.9	6128.8	6327.6	6537.7	6658.7	6720.3	6739.9
22.5°	5454.7	5663.8	5815.7	5923.4	6086.9	6252.5	6437.8	6615.7	6747.3	6774.0	6783.9
20°	5588.0	5788.9	6042.6	6201.2	6193.3	6379.8	6558.4	6699.8	6809.5	6808.9	6811.5
17.5°	5973.7	6045.4	6505.7	6855.2	6682.2	6590.9	7081.9	7091.2	7120.4	7062.4	6936.8
15°	6544.8	6675.3	7240.8	7619.6	7500.4	7494.1	8203.4	8027.5	8178.8	8139.2	8309.6
12.5°	7149.6	7304.3	7726.8	8098.8	8276.1	8319.7	8556.6	8778.5	8824.2	8806.1	8772.7
10°	7561.7	7782.0	7951.7	8177.5	8356.3	8538.7	8675.9	8835.3	8887.5	8857.3	8814.7
7.5°	7615.4	7833.1	8032.3	8230.5	8400.7	8547.7	8690.1	8819.9	8873.0	8855.4	8826.1
5°	7649.5	7846.7	8039.9	8240.9	8403.7	8539.9	8681.8	8813.3	8844.6	8823.5	8794.9
2.5°	7670.6	7853.1	8039.2	8239.5	8387.3	8516.9	8660.6	8800.9	8800.6	8791.3	8774.6
0°	7680.8	7863.8	8080.0	8261.1	8426.6	8549.3	8691.5	8827.8	8818.1	8792.8	8763.6
-2.5°	7702.7	7888.1	8108.7	8258.8	8445.5	8557.8	8704.8	8822.9	8818.3	8805.8	8791.4
-5°	7722.2	7930.8	8137.1	8295.0	8482.1	8629.0	8775.1	8867.4	8872.3	8855.0	8830.6
-7.5°	7734.1	7965.3	8162.2	8320.8	8502.2	8673.1	8821.2	8918.1	8920.2	8897.1	8868.0
-10°	7730.1	7974.2	8176.9	8340.7	8526.6	8695.3	8850.2	8973.0	8969.0	8947.1	8922.2
-12.5°	7715.5	7959.3	8167.5	8331.8	8542.8	8716.5	8890.8	9012.9	9019.4	9003.0	8976.0
-15°	7683.4	7935.1	8137.6	8317.1	8523.9	8727.0	8906.0	9040.7	9064.8	9051.3	9030.1
-17.5°	7620.0	7885.6	8100.3	8293.7	8492.2	8708.6	8912.2	9059.6	9092.5	9087.1	9069.5
-20°	7536.7	7810.8	8028.8	8231.4	8447.4	8670.4	8907.3	9042.0	9089.7	9092.7	9080.8



REPORT NUMBER: P645561 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	7443.1	7711.5	7942.7	8141.9	8376.2	8601.9	8816.4	8974.2	9054.3	9069.2	9070.2
-25°	7330.9	7606.8	7836.5	8048.7	8266.5	8499.6	8716.4	8892.5	8973.7	9012.6	9024.6
-27.5°	7172.5	7457.5	7683.6	7907.9	8129.4	8370.2	8598.1	8789.6	8855.7	8909.1	8930.4
-30°	6986.8	7268.7	7499.2	7704.2	7957.8	8203.2	8438.4	8605.5	8705.1	8766.2	8799.5
-32.5°	6773.4	7057.9	7299.8	7513.9	7754.9	8000.3	8221.6	8397.8	8535.2	8605.6	8641.3
-35°	6541.9	6832.4	7085.7	7311.2	7538.0	7772.0	8001.2	8185.6	8342.2	8402.6	8447.3
-37.5°	6262.7	6583.2	6842.9	7075.4	7291.0	7510.9	7749.6	7960.4	8112.4	8171.1	8218.2
-40°	5976.4	6286.1	6548.1	6796.1	7009.2	7249.4	7479.4	7700.2	7832.1	7900.6	7953.9
-42.5°	5674.1	5954.0	6203.0	6444.0	6681.3	6928.5	7158.3	7387.9	7502.0	7584.5	7649.9
-45°	5325.2	5585.6	5827.7	6053.1	6297.8	6540.8	6770.8	6973.7	7109.4	7216.8	7300.4
-47.5°	4860.0	5177.2	5420.2	5634.7	5877.2	6111.8	6334.6	6525.3	6674.2	6799.9	6896.9
-50°	4387.6	4692.0	4966.1	5207.0	5432.1	5648.9	5861.0	6047.7	6205.2	6341.4	6439.7
-52.5°	3922.4	4207.6	4479.6	4728.3	4944.6	5149.3	5343.4	5531.1	5697.2	5842.8	5938.0
-55°	3396.7	3692.1	3961.2	4193.1	4409.2	4611.6	4803.2	4981.2	5144.8	5293.0	5384.1
-57.5°	2903.5	3162.7	3413.0	3627.1	3831.1	4023.8	4205.5	4375.9	4533.3	4672.9	4760.7
-60°	2450.2	2639.1	2854.6	3052.3	3233.1	3397.1	3566.6	3725.5	3870.1	3992.8	4074.7
-62.5°	2049.4	2206.0	2361.6	2511.9	2658.6	2806.0	2947.9	3079.7	3200.5	3301.0	3372.8
-65°	1692.4	1818.2	1930.7	2037.3	2138.9	2255.2	2363.1	2464.5	2558.4	2635.5	2690.1
-67.5°	1393.6	1482.0	1559.8	1632.9	1713.0	1795.2	1872.2	1939.2	1996.6	2042.2	2078.3
-70°	1123.8	1188.9	1247.5	1305.9	1364.4	1417.7	1468.7	1518.0	1564.9	1603.1	1631.8
-72.5°	880.1	924.6	964.5	1009.4	1051.5	1092.0	1127.3	1155.8	1177.8	1199.3	1218.1
-75°	671.0	704.4	749.4	787.4	818.9	846.7	872.2	894.9	914.9	932.5	948.1
-77.5°	539.7	568.1	596.7	624.5	651.3	671.2	689.8	708.3	726.5	742.2	756.0
-80°	400.0	421.2	443.3	465.5	487.7	498.8	507.6	515.7	522.9	532.3	541.0
-82.5°	244.5	256.5	268.8	281.3	293.8	296.9	298.0	297.7	296.1	292.7	287.5
-85°	108.8	109.4	109.1	107.9	105.8	101.5	96.2	90.1	83.3	82.2	80.9
-87.5°	23.9	23.4	22.8	22.1	21.2	21.2	21.1	20.9	20.7	21.4	22.1
-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: P645561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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	0.5
85°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	1.9	1.9	1.0	0.0	1.0	1.9	1.9	1.9	1.9	1.9	1.9
70°	1.9	1.9	1.0	0.0	1.0	1.9	1.9	1.9	1.9	1.9	1.9
67.5°	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.2	1.7	1.9	1.9
65°	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.1	1.7	2.1	2.3
62.5°	3.6	3.7	3.9	3.9	3.9	3.7	3.6	3.4	3.3	3.4	3.7
60°	7.0	4.6	3.9	3.9	3.9	4.6	7.0	8.9	10.1	11.1	11.0
57.5°	43.0	32.1	27.3	25.3	27.3	32.1	43.0	50.9	54.8	166.9	202.6
55°	1052.4	1106.0	1146.0	1164.6	1146.0	1106.0	1052.4	960.0	831.1	779.9	795.6
52.5°	1461.3	1484.6	1498.0	1497.6	1498.0	1484.6	1461.3	1436.2	1407.7	1359.9	1315.0
50°	1628.8	1640.1	1644.2	1641.7	1644.2	1640.1	1628.8	1611.2	1600.9	1579.0	1499.1
47.5°	2405.9	2197.7	2044.6	2007.8	2044.6	2197.7	2405.9	2500.1	2397.0	2187.2	1949.3
45°	3426.6	3505.6	3584.2	3608.6	3584.2	3505.6	3426.6	3390.6	3315.8	3224.4	3129.9
42.5°	3780.1	3805.8	3820.3	3820.9	3820.3	3805.8	3780.1	3746.5	3667.0	3567.6	3444.9
40°	3948.7	3973.0	3987.1	3988.4	3987.1	3973.0	3948.7	3915.4	3855.7	3768.3	3656.1
37.5°	4101.9	4122.6	4136.2	4150.0	4136.2	4122.6	4101.9	4092.3	4084.3	3995.6	3928.6
35°	4794.2	4637.4	4411.8	4446.0	4411.8	4637.4	4794.2	4812.3	4678.3	4429.0	4548.7
32.5°	5984.6	6050.5	6091.7	6161.8	6091.7	6050.5	5984.6	5923.9	5962.7	5826.5	5532.9
30°	6533.8	6555.6	6588.6	6623.3	6588.6	6555.6	6533.8	6516.5	6505.5	6346.7	6169.4
27.5°	6670.9	6693.4	6713.5	6728.5	6713.5	6693.4	6670.9	6658.0	6633.6	6534.0	6383.3
25°	6742.6	6756.6	6777.9	6796.6	6777.9	6756.6	6742.6	6739.9	6720.3	6658.7	6537.7
22.5°	6778.2	6779.7	6796.3	6820.0	6796.3	6779.7	6778.2	6783.9	6774.0	6747.3	6615.7
20°	6802.7	6789.4	6806.6	6821.9	6806.6	6789.4	6802.7	6811.5	6808.9	6809.5	6699.8
17.5°	7114.0	6936.4	6863.4	6864.8	6863.4	6936.4	7114.0	6936.8	7062.4	7120.4	7091.2
15°	8118.4	8185.1	8440.5	8578.5	8440.5	8185.1	8118.4	8309.6	8139.2	8178.8	8027.5
12.5°	8766.6	8742.8	8712.5	8753.8	8712.5	8742.8	8766.6	8772.7	8806.1	8824.2	8778.5
10°	8796.6	8793.9	8739.7	8798.6	8739.7	8793.9	8796.6	8814.7	8857.3	8887.5	8835.3
7.5°	8778.1	8779.7	8756.7	8814.2	8756.7	8779.7	8778.1	8826.1	8855.4	8873.0	8819.9
5°	8790.3	8750.7	8765.7	8798.6	8765.7	8750.7	8790.3	8794.9	8823.5	8844.6	8813.3
2.5°	8756.3	8752.2	8723.0	8746.0	8723.0	8752.2	8756.3	8774.6	8791.3	8800.6	8800.9
0°	8730.4	8709.0	8709.0	8728.5	8709.0	8709.0	8730.4	8763.6	8792.8	8818.1	8827.8
-2.5°	8776.5	8772.0	8769.2	8755.8	8769.2	8772.0	8776.5	8791.4	8805.8	8818.3	8822.9
-5°	8814.4	8802.8	8770.9	8814.2	8770.9	8802.8	8814.4	8830.6	8855.0	8872.3	8867.4
-7.5°	8855.1	8825.5	8795.3	8862.9	8795.3	8825.5	8855.1	8868.0	8897.1	8920.2	8918.1
-10°	8892.3	8849.5	8820.1	8886.2	8820.1	8849.5	8892.3	8922.2	8947.1	8969.0	8973.0
-12.5°	8941.4	8891.5	8871.8	8907.7	8871.8	8891.5	8941.4	8976.0	9003.0	9019.4	9012.9
-15°	8993.9	8959.3	8954.7	8975.8	8954.7	8959.3	8993.9	9030.1	9051.3	9064.8	9040.7
-17.5°	9039.9	9015.6	9027.7	9051.8	9027.7	9015.6	9039.9	9069.5	9087.1	9092.5	9059.6
-20°	9061.9	9048.4	9061.9	9121.9	9061.9	9048.4	9061.9	9080.8	9092.7	9089.7	9042.0



REPORT NUMBER: P645561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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°	9060.1	9060.9	9084.7	9104.4	9084.7	9060.9	9060.1	9070.2	9069.2	9054.3	8974.2
-25°	9025.5	9043.7	9071.0	9110.2	9071.0	9043.7	9025.5	9024.6	9012.6	8973.7	8892.5
-27.5°	8942.1	8972.3	9000.9	9042.0	9000.9	8972.3	8942.1	8930.4	8909.1	8855.7	8789.6
-30°	8821.5	8857.5	8883.1	8927.1	8883.1	8857.5	8821.5	8799.5	8766.2	8705.1	8605.5
-32.5°	8674.8	8715.6	8745.7	8777.2	8745.7	8715.6	8674.8	8641.3	8605.6	8535.2	8397.8
-35°	8491.5	8535.4	8567.4	8596.1	8567.4	8535.4	8491.5	8447.3	8402.6	8342.2	8185.6
-37.5°	8271.1	8318.4	8354.9	8387.7	8354.9	8318.4	8271.1	8218.2	8171.1	8112.4	7960.4
-40°	8014.4	8062.9	8101.9	8138.4	8101.9	8062.9	8014.4	7953.9	7900.6	7832.1	7700.2
-42.5°	7714.3	7763.2	7803.5	7840.5	7803.5	7763.2	7714.3	7649.9	7584.5	7502.0	7387.9
-45°	7367.7	7418.1	7460.6	7499.7	7460.6	7418.1	7367.7	7300.4	7216.8	7109.4	6973.7
-47.5°	6968.5	7022.4	7058.8	7077.1	7058.8	7022.4	6968.5	6896.9	6799.9	6674.2	6525.3
-50°	6511.0	6564.9	6608.6	6640.8	6608.6	6564.9	6511.0	6439.7	6341.4	6205.2	6047.7
-52.5°	6007.4	6058.6	6096.2	6118.9	6096.2	6058.6	6007.4	5938.0	5842.8	5697.2	5531.1
-55°	5455.8	5509.6	5545.2	5561.9	5545.2	5509.6	5455.8	5384.1	5293.0	5144.8	4981.2
-57.5°	4830.4	4881.4	4919.3	4940.7	4919.3	4881.4	4830.4	4760.7	4672.9	4533.3	4375.9
-60°	4138.4	4184.1	4212.8	4224.0	4212.8	4184.1	4138.4	4074.7	3992.8	3870.1	3725.5
-62.5°	3430.7	3473.9	3500.8	3511.3	3500.8	3473.9	3430.7	3372.8	3301.0	3200.5	3079.7
-65°	2730.9	2758.0	2772.9	2775.1	2772.9	2758.0	2730.9	2690.1	2635.5	2558.4	2464.5
-67.5°	2106.8	2127.4	2139.9	2144.1	2139.9	2127.4	2106.8	2078.3	2042.2	1996.6	1939.2
-70°	1653.2	1667.4	1675.4	1676.8	1675.4	1667.4	1653.2	1631.8	1603.1	1564.9	1518.0
-72.5°	1232.5	1242.7	1239.2	1230.8	1239.2	1242.7	1232.5	1218.1	1199.3	1177.8	1155.8
-75°	961.5	972.7	968.0	960.1	968.0	972.7	961.5	948.1	932.5	914.9	894.9
-77.5°	768.1	778.3	773.3	765.4	773.3	778.3	768.1	756.0	742.2	726.5	708.3
-80°	548.5	554.5	558.8	560.9	558.8	554.5	548.5	541.0	532.3	522.9	515.7
-82.5°	280.8	272.5	267.3	261.0	267.3	272.5	280.8	287.5	292.7	296.1	297.7
-85°	79.4	77.5	78.7	79.8	78.7	77.5	79.4	80.9	82.2	83.3	90.1
-87.5°	22.7	23.3	23.4	23.4	23.4	23.3	22.7	22.1	21.4	20.7	20.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645561 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.9	1.3	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.3
85°	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
70°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.1
67.5°	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	1.9	1.9	2.4
65°	2.4	2.3	2.4	2.7	2.8	2.6	2.7	2.8	2.8	2.6	2.5
62.5°	3.9	4.1	4.2	4.3	4.3	5.5	4.9	4.9	4.6	5.6	7.6
60°	9.3	7.3	11.0	12.3	10.5	18.0	30.5	27.5	8.1	44.1	50.9
57.5°	128.9	107.0	224.1	223.5	93.6	126.4	169.3	111.5	72.9	124.9	165.0
55°	898.6	823.0	715.5	704.1	741.2	563.2	470.9	453.2	354.7	230.5	273.9
52.5°	1266.9	1191.4	1118.1	1049.9	993.9	934.0	846.0	750.9	720.5	580.1	447.3
50°	1433.6	1506.8	1434.6	1258.2	1289.5	1204.4	1080.4	979.2	1000.0	914.1	737.0
47.5°	1944.1	2033.4	2035.6	1930.4	1813.2	1777.1	1595.2	1279.3	1300.5	1296.8	1109.3
45°	2846.2	2721.4	2768.0	2620.0	2413.1	2298.7	2292.6	1954.6	1641.6	1590.8	1572.6
42.5°	3340.6	3248.2	3152.6	3042.3	2859.3	2676.8	2564.2	2374.1	2122.4	1899.7	1820.7
40°	3540.5	3432.9	3343.6	3252.2	3104.9	2918.0	2827.3	2577.7	2388.5	2195.7	2131.5
37.5°	3782.1	3577.8	3657.5	3484.8	3348.0	3302.5	3232.1	2972.3	2553.1	2517.8	2485.3
35°	4321.6	4130.5	4314.4	4281.8	3737.3	3797.9	3844.7	3525.4	3086.4	2848.5	2853.6
32.5°	5552.4	5112.0	4977.5	5142.2	4855.9	4380.7	4387.7	4290.6	3691.3	3345.0	3193.4
30°	5998.0	5802.4	5590.5	5561.9	5348.7	5073.9	4899.3	4665.7	4229.6	3834.3	3574.5
27.5°	6190.3	6012.8	5834.4	5696.8	5573.5	5386.8	5159.0	4884.6	4574.3	4220.1	3967.7
25°	6327.6	6128.8	5974.9	5822.9	5690.1	5548.9	5316.1	5048.8	4759.4	4473.8	4202.8
22.5°	6437.8	6252.5	6086.9	5923.4	5815.7	5663.8	5454.7	5178.6	4984.3	4802.8	4450.5
20°	6558.4	6379.8	6193.3	6201.2	6042.6	5788.9	5588.0	5450.5	5423.9	5219.7	4764.8
17.5°	7081.9	6590.9	6682.2	6855.2	6505.7	6045.4	5973.7	5981.4	5896.9	5707.1	5141.5
15°	8203.4	7494.1	7500.4	7619.6	7240.8	6675.3	6544.8	6528.8	6395.9	6185.9	5539.3
12.5°	8556.6	8319.7	8276.1	8098.8	7726.8	7304.3	7149.6	7065.8	6822.0	6415.7	5825.4
10°	8675.9	8538.7	8356.3	8177.5	7951.7	7782.0	7561.7	7257.1	6911.1	6519.1	6038.7
7.5°	8690.1	8547.7	8400.7	8230.5	8032.3	7833.1	7615.4	7312.6	6978.1	6593.6	6188.9
5°	8681.8	8539.9	8403.7	8240.9	8039.9	7846.7	7649.5	7350.1	7023.3	6642.2	6287.7
2.5°	8660.6	8516.9	8387.3	8239.5	8039.2	7853.1	7670.6	7390.3	7055.7	6682.4	6320.7
0°	8691.5	8549.3	8426.6	8261.1	8080.0	7863.8	7680.8	7431.5	7071.2	6709.0	6333.1
-2.5°	8704.8	8557.8	8445.5	8258.8	8108.7	7888.1	7702.7	7461.8	7100.7	6756.0	6363.2
-5°	8775.1	8629.0	8482.1	8295.0	8137.1	7930.8	7722.2	7474.2	7122.7	6781.4	6376.8
-7.5°	8821.2	8673.1	8502.2	8320.8	8162.2	7965.3	7734.1	7475.4	7143.0	6781.0	6383.3
-10°	8850.2	8695.3	8526.6	8340.7	8176.9	7974.2	7730.1	7468.9	7138.9	6765.2	6369.0
-12.5°	8890.8	8716.5	8542.8	8331.8	8167.5	7959.3	7715.5	7454.0	7108.3	6735.6	6332.5
-15°	8906.0	8727.0	8523.9	8317.1	8137.6	7935.1	7683.4	7409.8	7054.9	6689.9	6273.0
-17.5°	8912.2	8708.6	8492.2	8293.7	8100.3	7885.6	7620.0	7329.0	6986.4	6609.3	6194.5
-20°	8907.3	8670.4	8447.4	8231.4	8028.8	7810.8	7536.7	7248.5	6888.5	6504.9	6092.8



REPORT NUMBER: P645561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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°	8816.4	8601.9	8376.2	8141.9	7942.7	7711.5	7443.1	7144.8	6761.3	6390.3	5963.2
-25°	8716.4	8499.6	8266.5	8048.7	7836.5	7606.8	7330.9	6992.8	6628.5	6242.5	5806.1
-27.5°	8598.1	8370.2	8129.4	7907.9	7683.6	7457.5	7172.5	6831.8	6481.0	6059.1	5635.3
-30°	8438.4	8203.2	7957.8	7704.2	7499.2	7268.7	6986.8	6656.0	6279.4	5862.7	5459.4
-32.5°	8221.6	8000.3	7754.9	7513.9	7299.8	7057.9	6773.4	6445.0	6049.6	5655.5	5236.0
-35°	8001.2	7772.0	7538.0	7311.2	7085.7	6832.4	6541.9	6184.4	5806.6	5416.2	4980.9
-37.5°	7749.6	7510.9	7291.0	7075.4	6842.9	6583.2	6262.7	5917.3	5548.9	5119.7	4705.4
-40°	7479.4	7249.4	7009.2	6796.1	6548.1	6286.1	5976.4	5640.7	5235.5	4811.3	4421.9
-42.5°	7158.3	6928.5	6681.3	6444.0	6203.0	5954.0	5674.1	5310.9	4909.4	4509.3	4104.8
-45°	6770.8	6540.8	6297.8	6053.1	5827.7	5585.6	5325.2	4938.0	4541.5	4160.1	3772.0
-47.5°	6334.6	6111.8	5877.2	5634.7	5420.2	5177.2	4860.0	4499.7	4148.9	3786.0	3388.7
-50°	5861.0	5648.9	5432.1	5207.0	4966.1	4692.0	4387.6	4073.3	3725.7	3353.3	2990.3
-52.5°	5343.4	5149.3	4944.6	4728.3	4479.6	4207.6	3922.4	3588.6	3241.9	2925.8	2595.7
-55°	4803.2	4611.6	4409.2	4193.1	3961.2	3692.1	3396.7	3093.1	2810.1	2517.7	2265.8
-57.5°	4205.5	4023.8	3831.1	3627.1	3413.0	3162.7	2903.5	2645.9	2421.8	2194.5	1966.0
-60°	3566.6	3397.1	3233.1	3052.3	2854.6	2639.1	2450.2	2260.1	2069.9	1888.6	1704.5
-62.5°	2947.9	2806.0	2658.6	2511.9	2361.6	2206.0	2049.4	1902.8	1752.8	1599.1	1463.6
-65°	2363.1	2255.2	2138.9	2037.3	1930.7	1818.2	1692.4	1577.4	1468.4	1355.7	1240.5
-67.5°	1872.2	1795.2	1713.0	1632.9	1559.8	1482.0	1393.6	1300.5	1214.2	1130.8	1045.9
-70°	1468.7	1417.7	1364.4	1305.9	1247.5	1188.9	1123.8	1055.4	986.0	923.5	863.7
-72.5°	1127.3	1092.0	1051.5	1009.4	964.5	924.6	880.1	833.9	786.9	739.5	694.4
-75°	872.2	846.7	818.9	787.4	749.4	704.4	671.0	648.5	620.1	585.6	548.0
-77.5°	689.8	671.2	651.3	624.5	596.7	568.1	539.7	511.8	484.1	458.0	434.1
-80°	507.6	498.8	487.7	465.5	443.3	421.2	400.0	382.9	366.7	349.0	327.2
-82.5°	298.0	296.9	293.8	281.3	268.8	256.5	244.5	232.5	219.8	206.4	193.0
-85°	96.2	101.5	105.8	107.9	109.1	109.4	108.8	105.6	102.0	97.7	93.2
-87.5°	21.1	21.2	21.2	22.1	22.8	23.4	23.9	25.1	26.1	26.9	27.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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°	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.9	1.0	1.0
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.6	1.8	2.0	2.0
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.1
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.5	3.0	3.4
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.5	3.0	3.5
75°	1.9	1.9	1.9	2.0	2.0	1.9	1.9	2.1	2.5	3.0	3.5
72.5°	1.9	1.9	1.9	2.1	2.4	2.5	2.2	2.1	2.6	3.1	3.6
70°	2.2	2.0	1.9	2.2	2.7	3.1	3.0	3.1	2.7	3.1	3.6
67.5°	2.8	2.9	2.7	2.6	2.8	3.3	3.8	4.4	4.3	3.2	3.7
65°	3.0	3.4	4.1	5.5	4.8	3.4	3.8	7.6	6.1	5.2	3.7
62.5°	6.4	3.6	12.3	16.5	9.3	7.3	5.8	17.0	10.7	7.2	5.2
60°	15.3	12.5	34.3	55.0	38.4	12.9	19.0	29.4	27.0	9.4	7.4
57.5°	142.8	49.1	71.2	102.9	101.1	54.8	40.0	53.4	45.9	26.5	10.4
55°	304.9	256.6	169.4	155.2	167.6	135.3	88.0	86.4	70.9	49.1	16.8
52.5°	418.2	436.5	379.9	265.4	231.2	220.2	172.0	125.3	111.3	73.7	42.7
50°	605.5	563.8	558.2	468.6	324.1	293.4	253.9	195.8	156.1	105.4	72.1
47.5°	855.4	751.3	696.2	655.9	517.1	374.0	333.1	267.8	205.6	151.9	102.9
45°	1222.4	971.2	864.5	799.2	708.6	525.9	416.8	337.6	268.0	203.9	135.2
42.5°	1590.9	1255.7	1056.7	951.2	857.0	697.5	506.4	418.2	328.8	256.9	176.1
40°	1916.2	1549.0	1258.7	1123.0	1002.6	863.3	651.4	504.5	388.3	311.4	222.7
37.5°	2307.8	1883.0	1491.1	1303.1	1157.9	1001.8	798.6	594.5	459.9	368.6	269.3
35°	2686.7	2315.4	1751.2	1520.7	1330.6	1143.8	940.3	701.0	547.8	426.7	315.9
32.5°	3093.5	2722.1	2144.0	1763.6	1509.4	1288.9	1072.8	830.5	636.3	485.5	362.4
30°	3413.7	2989.7	2488.8	2006.9	1704.0	1450.8	1205.2	954.7	724.9	544.8	409.3
27.5°	3583.5	3221.4	2760.9	2277.9	1923.0	1616.8	1341.5	1073.5	813.4	610.1	458.2
25°	3759.1	3384.5	2955.3	2514.9	2139.2	1792.5	1477.2	1186.7	910.1	683.6	506.5
22.5°	3969.2	3523.2	3119.3	2702.6	2362.3	1970.7	1619.5	1301.2	1006.8	755.7	554.0
20°	4180.1	3652.1	3281.1	2958.2	2581.1	2163.5	1768.4	1413.0	1097.9	826.0	600.6
17.5°	4401.5	3886.0	3555.8	3207.5	2799.3	2350.2	1915.0	1521.3	1183.5	894.0	645.8
15°	4786.8	4236.2	3832.5	3450.1	3016.3	2529.9	2058.1	1625.4	1263.3	959.3	687.8
12.5°	5136.6	4562.3	4109.4	3684.7	3229.8	2701.2	2196.1	1724.4	1337.2	1011.4	725.3
10°	5426.1	4864.7	4383.1	3909.9	3437.0	2863.0	2327.7	1805.1	1381.6	1050.3	759.8
7.5°	5663.1	5144.1	4650.0	4124.2	3615.0	2968.7	2394.0	1852.1	1415.9	1083.4	791.2
5°	5834.5	5330.6	4791.8	4198.8	3670.6	3012.1	2439.1	1890.3	1443.6	1110.9	819.6
2.5°	5883.8	5387.9	4845.1	4239.7	3708.2	3040.2	2471.3	1919.6	1465.0	1133.4	844.7
0°	5912.5	5425.6	4878.4	4264.9	3727.4	3053.6	2490.8	1939.7	1480.1	1150.9	866.6
-2.5°	5952.6	5458.1	4910.6	4329.5	3740.2	3094.5	2501.8	1952.8	1499.2	1157.2	879.4
-5°	5972.6	5470.8	4926.0	4373.0	3736.8	3118.8	2500.4	1956.9	1511.6	1159.4	888.7
-7.5°	5963.8	5466.5	4926.6	4386.7	3720.0	3124.5	2486.9	1952.6	1516.6	1157.8	894.5
-10°	5936.9	5444.3	4907.7	4351.4	3704.4	3102.4	2462.6	1940.2	1513.7	1152.9	896.7
-12.5°	5896.1	5402.9	4869.3	4300.8	3672.0	3056.9	2434.1	1918.9	1501.4	1144.9	895.3
-15°	5843.0	5342.6	4810.9	4236.4	3618.6	2996.3	2391.2	1888.0	1477.7	1135.8	890.0
-17.5°	5774.9	5264.0	4732.2	4160.0	3543.5	2921.3	2333.7	1847.8	1447.9	1124.8	879.3
-20°	5653.4	5158.5	4632.2	4073.2	3446.0	2832.4	2261.2	1798.2	1412.4	1109.1	863.9



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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°	5516.8	5027.8	4507.5	3956.0	3328.6	2730.1	2173.5	1739.3	1371.6	1088.6	845.6
-25°	5371.1	4880.7	4362.6	3793.9	3198.8	2622.1	2085.7	1671.2	1325.5	1063.3	824.2
-27.5°	5200.1	4714.1	4198.4	3615.3	3048.2	2496.8	2001.5	1610.8	1281.0	1033.1	800.0
-30°	5007.8	4518.2	3993.1	3424.7	2883.0	2351.7	1907.1	1546.3	1243.3	1000.2	772.9
-32.5°	4787.4	4302.3	3765.7	3229.7	2708.5	2197.9	1802.9	1477.3	1199.7	965.2	747.9
-35°	4536.6	4051.2	3524.7	3020.3	2523.7	2073.7	1701.0	1404.1	1150.4	927.4	721.5
-37.5°	4275.3	3781.6	3283.6	2801.6	2327.2	1939.1	1609.4	1331.8	1095.2	886.9	692.4
-40°	3976.9	3504.2	3030.6	2576.3	2157.0	1794.7	1510.2	1260.5	1043.1	843.8	660.5
-42.5°	3669.6	3213.2	2766.8	2337.9	1989.2	1677.1	1406.3	1183.6	988.1	802.2	626.0
-45°	3338.2	2906.1	2486.2	2137.0	1818.4	1552.5	1315.4	1104.0	929.4	759.6	590.3
-47.5°	2988.6	2582.3	2231.2	1927.7	1673.2	1427.4	1218.7	1035.1	867.8	713.9	554.5
-50°	2618.3	2280.8	1996.2	1745.8	1516.7	1314.7	1122.3	962.9	811.3	663.5	517.0
-52.5°	2290.1	2019.8	1784.3	1569.9	1378.7	1196.2	1039.3	889.0	753.1	615.2	477.8
-55°	2009.0	1787.4	1588.6	1410.2	1241.9	1094.6	953.1	823.3	693.3	566.8	438.2
-57.5°	1766.2	1572.5	1413.4	1258.5	1119.4	993.8	874.6	756.1	636.0	516.7	406.7
-60°	1532.9	1388.3	1246.8	1122.2	1004.5	897.9	800.5	689.0	578.2	466.6	371.8
-62.5°	1331.4	1208.0	1101.0	992.4	894.6	807.8	725.8	623.4	518.7	420.2	333.9
-65°	1142.6	1047.8	956.6	870.0	788.9	715.3	649.0	556.1	459.0	371.0	294.6
-67.5°	963.3	891.8	820.3	747.6	683.8	624.2	567.5	483.5	396.6	319.3	255.6
-70°	803.1	742.0	686.0	632.0	580.2	530.6	477.1	406.2	331.5	273.0	215.6
-72.5°	651.8	607.2	560.7	516.3	478.1	434.4	385.1	329.9	277.5	225.8	174.8
-75°	511.9	482.5	449.7	414.4	378.7	339.7	307.2	268.5	222.8	177.7	140.8
-77.5°	409.5	380.9	348.0	319.9	296.0	269.3	239.8	206.2	170.0	138.2	108.9
-80°	302.1	280.2	261.6	245.4	223.3	199.0	174.4	150.0	123.6	99.0	76.3
-82.5°	184.3	179.5	174.3	166.8	148.4	130.3	112.6	95.2	76.5	59.2	49.0
-85°	92.1	90.3	87.5	83.6	72.3	61.3	56.1	50.9	44.6	38.6	32.7
-87.5°	30.3	32.6	34.4	35.7	33.2	30.7	28.1	25.5	22.4	19.3	16.4
-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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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°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
85°	2.0	1.7	1.4	1.0	0.7	0.4	0.0
82.5°	3.0	2.5	2.0	1.5	1.0	0.6	0.0
80°	3.9	3.4	2.7	2.0	1.4	0.8	0.0
77.5°	3.9	3.9	3.4	2.5	1.7	1.1	0.0
75°	3.9	4.1	3.9	3.0	2.0	1.3	0.0
72.5°	4.0	4.2	4.1	3.5	2.4	1.5	0.0
70°	4.1	4.3	4.3	3.9	2.7	1.7	0.0
67.5°	4.6	4.5	4.5	4.1	3.1	1.9	0.0
65°	5.2	5.2	4.7	4.3	3.4	2.1	0.0
62.5°	6.1	6.4	4.9	4.5	3.8	2.3	0.0
60°	7.2	7.8	5.1	4.7	4.1	2.5	0.0
57.5°	13.3	9.4	6.6	4.9	4.4	2.7	0.0
55°	21.2	11.1	8.2	5.1	4.6	2.9	0.0
52.5°	30.5	14.2	9.9	5.3	4.8	3.1	0.0
50°	41.1	24.2	11.7	5.5	5.0	3.3	0.0
47.5°	55.2	34.9	13.6	6.0	5.2	3.4	0.0
45°	83.3	46.4	15.5	7.5	5.5	3.6	0.0
42.5°	112.1	58.7	17.5	9.0	5.7	3.8	0.0
40°	141.5	71.7	23.6	10.9	6.0	4.0	0.0
37.5°	171.5	85.3	33.7	13.2	6.2	4.1	0.0
35°	202.0	106.0	44.1	15.9	6.5	4.3	0.0
32.5°	235.0	130.0	54.5	18.7	6.7	4.5	0.0
30°	272.7	153.9	65.0	21.8	7.0	4.6	0.0
27.5°	309.7	177.4	78.0	25.1	7.2	4.8	0.0
25°	345.9	200.6	91.4	28.6	7.5	4.9	0.0
22.5°	380.9	224.2	104.6	32.2	7.7	5.0	0.0
20°	414.8	249.6	117.8	35.9	8.0	5.1	0.0
17.5°	448.3	274.1	130.7	39.7	8.2	5.3	0.0
15°	480.5	297.7	143.4	43.5	8.5	5.4	0.0
12.5°	510.7	320.1	155.6	47.3	8.7	5.5	0.0
10°	538.6	341.4	167.3	51.0	8.9	5.5	0.0
7.5°	564.3	361.2	178.3	54.6	9.1	5.6	0.0
5°	587.7	379.5	188.6	58.1	9.3	5.7	0.0
2.5°	608.6	396.1	198.0	61.3	9.5	5.8	0.0
0°	627.1	410.9	206.4	64.3	9.7	5.8	0.0
-2.5°	636.3	420.3	214.3	68.5	11.2	6.1	0.0
-5°	643.0	427.7	221.0	72.3	12.7	6.5	0.0
-7.5°	647.3	433.0	226.4	75.8	14.2	6.8	0.0
-10°	649.2	436.4	230.5	78.8	15.6	7.0	0.0
-12.5°	648.9	437.8	233.3	81.3	16.9	7.3	0.0
-15°	646.3	437.2	234.6	83.3	18.2	7.6	0.0
-17.5°	641.6	434.5	234.5	84.7	19.4	7.8	0.0
-20°	634.3	429.9	232.8	85.6	20.5	8.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	623.7	423.4	229.5	85.8	21.4	8.1	0.0
-25°	610.6	413.2	224.6	85.4	22.3	8.2	0.0
-27.5°	595.1	400.5	218.1	84.4	23.0	8.3	0.0
-30°	577.1	386.1	209.9	82.7	23.6	8.4	0.0
-32.5°	556.8	370.0	200.4	80.2	24.1	8.4	0.0
-35°	534.8	352.1	189.8	77.1	24.4	8.4	0.0
-37.5°	511.1	334.2	178.1	73.2	24.6	8.4	0.0
-40°	485.6	318.0	165.3	68.7	24.6	8.3	0.0
-42.5°	458.4	300.6	155.7	63.7	24.5	8.2	0.0
-45°	429.4	282.1	149.1	58.8	24.2	8.0	0.0
-47.5°	398.8	262.5	141.3	53.0	23.7	7.8	0.0
-50°	373.2	241.9	132.4	51.2	23.1	7.6	0.0
-52.5°	347.6	220.3	122.3	50.1	22.4	7.3	0.0
-55°	320.9	204.0	111.1	48.6	21.5	7.0	0.0
-57.5°	293.3	187.4	98.8	46.5	20.5	6.7	0.0
-60°	265.3	169.3	86.0	43.8	19.3	6.3	0.0
-62.5°	239.7	149.7	79.9	40.7	18.1	5.9	0.0
-65°	212.2	128.8	72.9	37.1	16.8	5.4	0.0
-67.5°	183.0	111.4	65.1	33.1	15.5	5.0	0.0
-70°	152.3	97.5	56.7	28.7	14.0	4.5	0.0
-72.5°	128.8	82.5	47.5	25.3	12.4	4.0	0.0
-75°	105.3	66.6	37.8	22.0	10.8	3.5	0.0
-77.5°	80.7	50.0	31.3	18.6	9.1	2.9	0.0
-80°	55.1	38.1	25.3	15.0	7.3	2.3	0.0
-82.5°	40.4	28.8	19.1	11.3	5.5	1.8	0.0
-85°	27.1	19.3	12.8	7.6	3.7	1.2	0.0
-87.5°	13.6	9.7	6.4	3.8	1.9	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)