

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: P645543 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5E-740-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645543 (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-SA5E-740-U-LAM-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

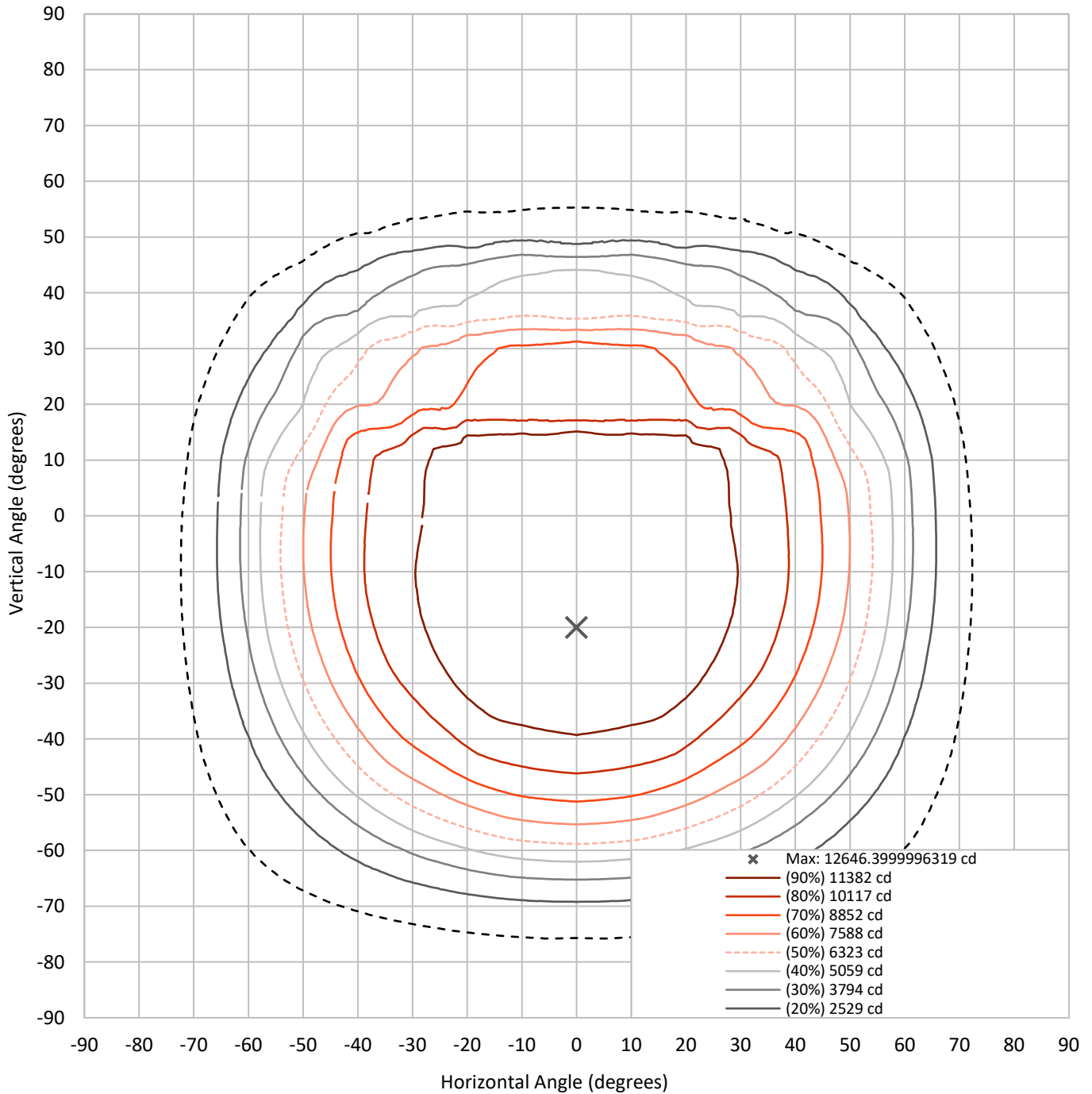
Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	29653.4 lumens	Max Intensity:	12646.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	94.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	23181.2 lumens	Field Lumens:	29064.5 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	313.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		





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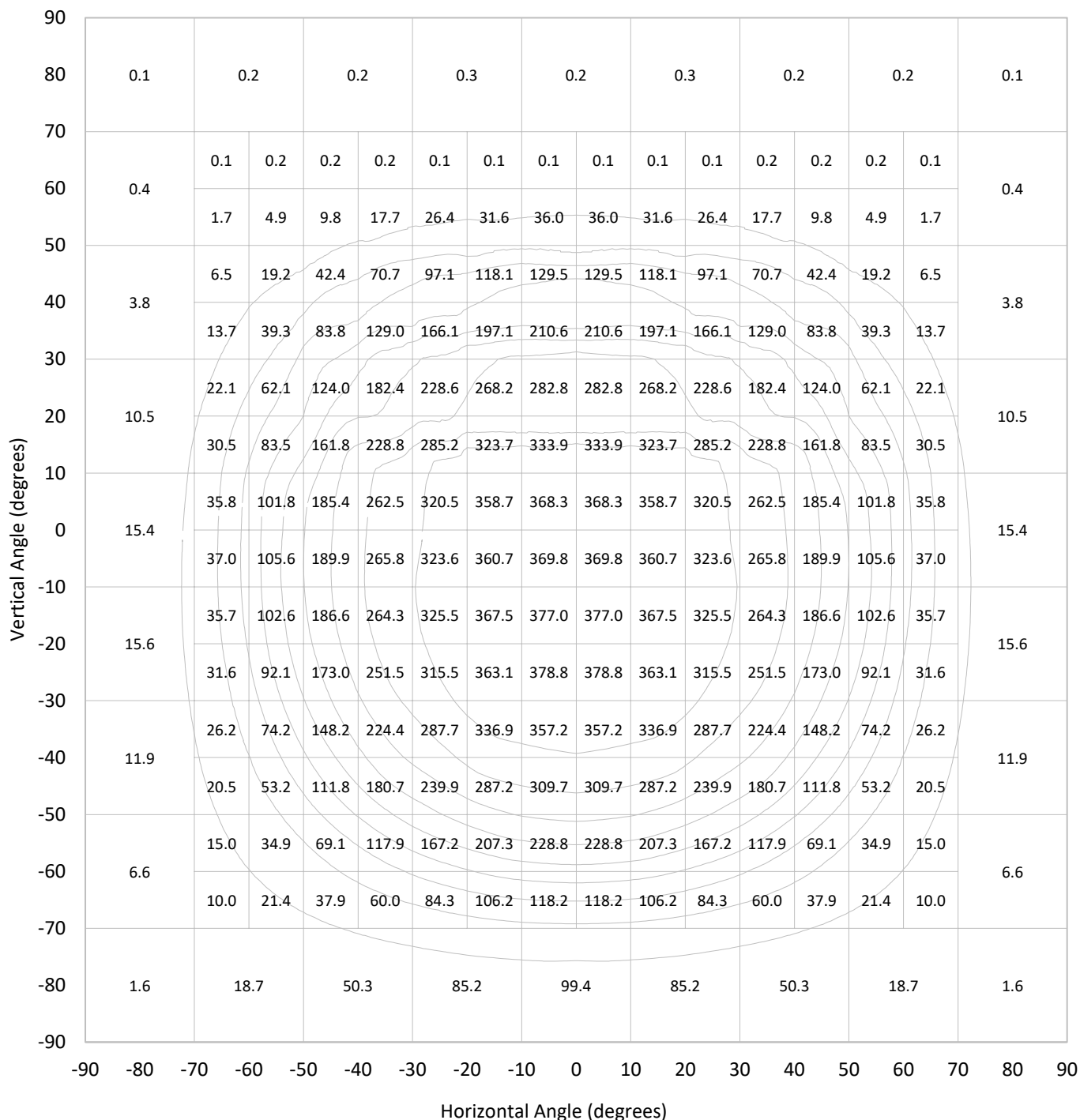
Iso-Candela Plot





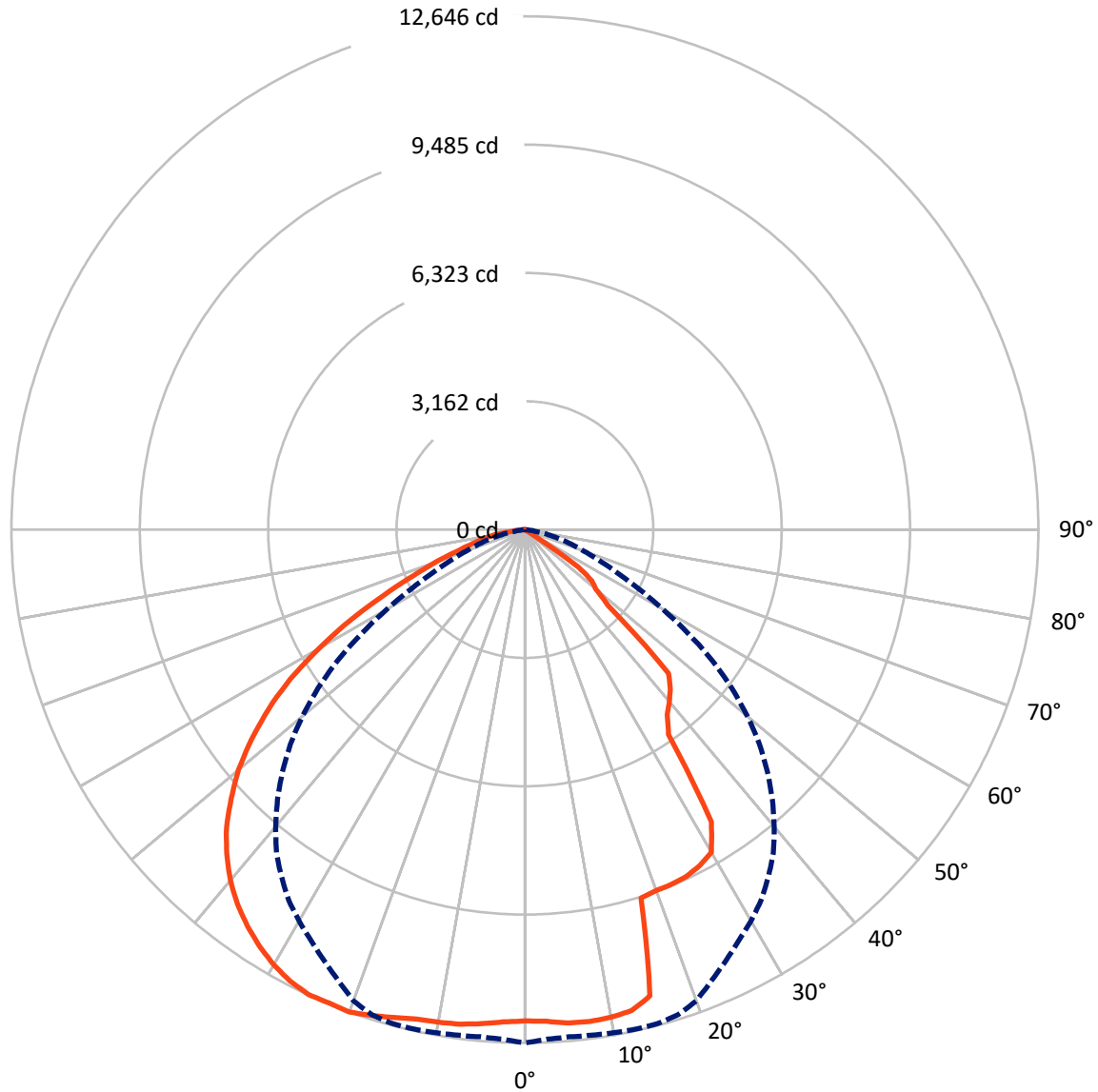
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Lumen Table



REPORT NUMBER: P645543 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

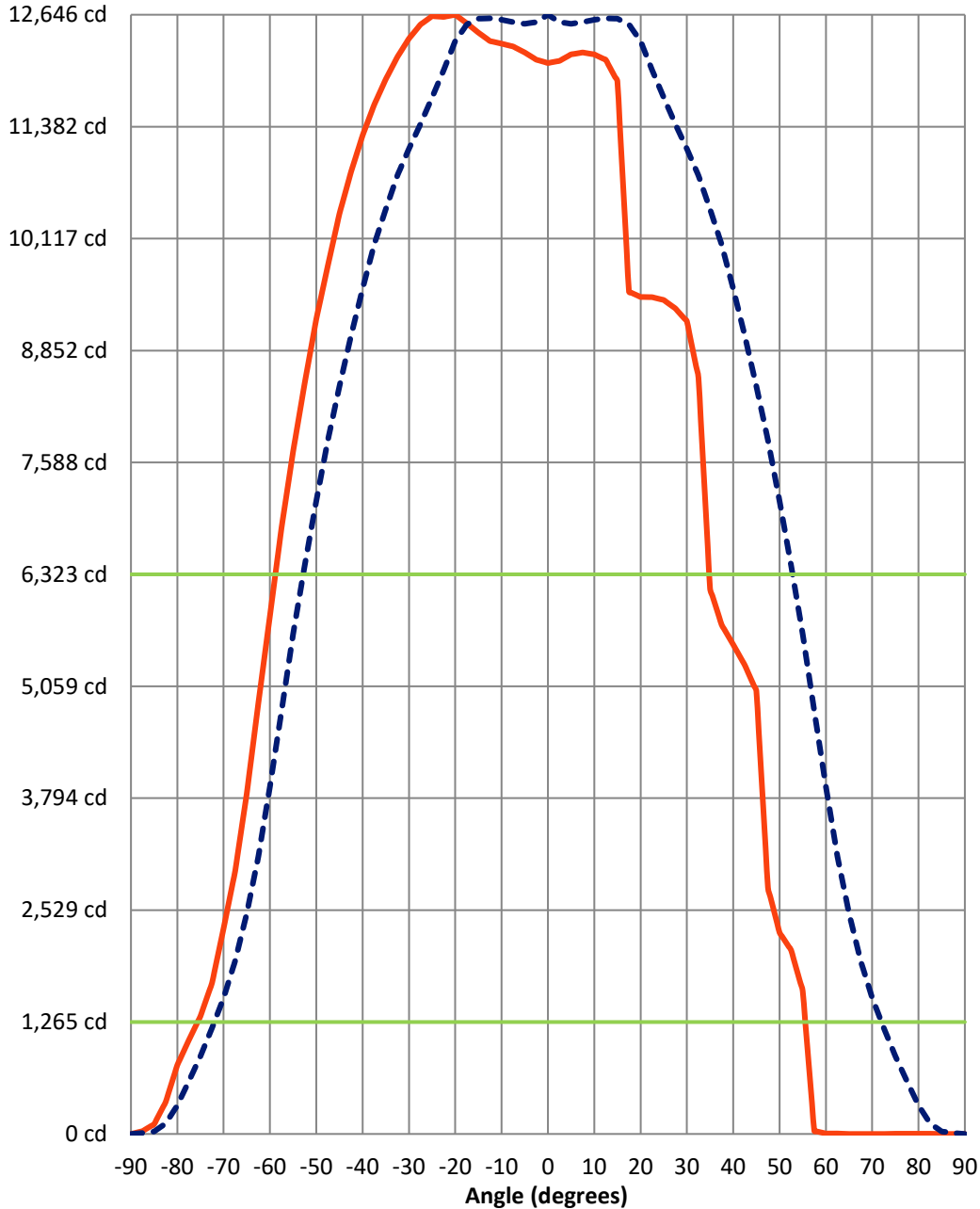


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 23181.2
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 29064.5
 Efficiency: 98.0%

Spill:
 Lumens: 588.9
 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	0.3	0.5	0.7	0.9	1.2	1.4	1.4	1.4	1.3	1.1
85°	0.0	0.6	0.9	1.4	1.9	2.3	2.8	2.8	2.8	2.6	2.3
82.5°	0.0	0.9	1.4	2.1	2.8	3.5	4.2	4.3	4.1	3.4	2.8
80°	0.0	1.2	1.9	2.8	3.7	4.7	5.4	4.8	4.1	3.5	2.8
77.5°	0.0	1.5	2.4	3.5	4.7	5.5	5.4	4.8	4.2	3.5	2.8
75°	0.0	1.8	2.8	4.2	5.4	5.6	5.5	4.9	4.2	3.6	2.9
72.5°	0.0	2.0	3.3	4.9	5.7	5.8	5.5	4.9	4.3	3.6	3.0
70°	0.0	2.3	3.8	5.5	5.9	6.0	5.7	5.0	4.4	3.8	4.3
67.5°	0.0	2.6	4.3	5.7	6.2	6.2	6.3	5.1	4.5	6.0	6.1
65°	0.0	2.9	4.8	6.0	6.5	7.2	7.3	5.1	7.2	8.4	10.6
62.5°	0.0	3.2	5.3	6.3	6.8	8.9	8.5	7.2	10.0	14.8	23.5
60°	0.0	3.5	5.8	6.5	7.1	10.8	10.0	10.2	13.0	37.5	40.8
57.5°	0.0	3.7	6.1	6.8	9.2	13.0	18.5	14.4	36.7	63.7	74.0
55°	0.0	4.0	6.4	7.1	11.4	15.3	29.5	23.3	68.1	98.3	119.8
52.5°	0.0	4.3	6.7	7.4	13.8	19.7	42.3	59.1	102.2	154.3	173.7
50°	0.0	4.5	7.0	7.7	16.3	33.5	57.0	99.9	146.2	216.5	271.4
47.5°	0.0	4.8	7.3	8.4	18.8	48.4	76.6	142.7	210.6	285.1	371.2
45°	0.0	5.1	7.6	10.5	21.5	64.4	115.5	187.4	282.7	371.6	468.1
42.5°	0.0	5.3	8.0	12.6	24.3	81.4	155.4	244.2	356.2	455.8	579.8
40°	0.0	5.5	8.3	15.2	32.7	99.4	196.2	308.7	431.8	538.4	699.4
37.5°	0.0	5.8	8.7	18.4	46.8	118.3	237.8	373.4	511.0	637.6	824.3
35°	0.0	6.0	9.0	22.0	61.1	147.0	280.0	438.0	591.6	759.5	971.9
32.5°	0.0	6.2	9.4	26.0	75.6	180.3	325.8	502.5	673.1	882.2	1151.5
30°	0.0	6.4	9.7	30.3	90.2	213.3	378.1	567.5	755.4	1005.1	1323.7
27.5°	0.0	6.6	10.1	34.8	108.2	246.0	429.4	635.2	845.8	1127.8	1488.3
25°	0.0	6.8	10.4	39.6	126.7	278.1	479.5	702.2	947.8	1261.9	1645.2
22.5°	0.0	7.0	10.8	44.6	145.1	310.9	528.1	768.2	1047.7	1395.8	1804.0
20°	0.0	7.2	11.1	49.8	163.4	346.0	575.1	832.7	1145.1	1522.2	1959.0
17.5°	0.0	7.3	11.4	55.0	181.3	380.0	621.6	895.3	1239.4	1640.8	2109.2
15°	0.0	7.5	11.8	60.3	198.8	412.7	666.3	953.6	1330.0	1751.4	2253.4
12.5°	0.0	7.6	12.1	65.6	215.7	443.8	708.0	1005.5	1402.2	1853.9	2390.6
10°	0.0	7.7	12.4	70.7	231.9	473.3	746.8	1053.4	1456.1	1915.4	2502.4
7.5°	0.0	7.9	12.7	75.7	247.2	500.8	782.4	1097.0	1502.0	1963.0	2567.6
5°	0.0	8.0	13.0	80.5	261.5	526.2	814.8	1136.3	1540.3	2001.4	2620.7
2.5°	0.0	8.0	13.3	85.0	274.5	549.2	843.8	1171.1	1571.4	2030.9	2661.3
0°	0.0	8.1	13.5	89.1	286.2	569.7	869.4	1201.5	1595.7	2051.9	2689.1
-2.5°	0.0	8.6	15.6	94.9	297.1	582.7	882.1	1219.2	1604.4	2078.4	2707.3
-5°	0.0	9.0	17.7	100.2	306.4	592.9	891.4	1232.2	1607.5	2095.6	2713.0
-7.5°	0.0	9.4	19.7	105.0	313.9	600.4	897.4	1240.2	1605.2	2102.6	2707.0
-10°	0.0	9.8	21.7	109.2	319.6	605.1	900.1	1243.3	1598.3	2098.5	2689.8
-12.5°	0.0	10.2	23.5	112.7	323.5	607.0	899.6	1241.2	1587.3	2081.5	2660.3
-15°	0.0	10.5	25.3	115.4	325.3	606.1	896.0	1233.9	1574.7	2048.5	2617.5
-17.5°	0.0	10.8	26.9	117.4	325.1	602.4	889.5	1219.1	1559.4	2007.3	2561.7
-20°	0.0	11.1	28.4	118.6	322.7	596.1	879.3	1197.8	1537.6	1958.2	2493.0

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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	11.3	29.7	119.0	318.2	587.0	864.6	1172.3	1509.3	1901.5	2411.3
-25°	0.0	11.5	30.9	118.4	311.4	572.9	846.5	1142.7	1474.2	1837.7	2316.8
-27.5°	0.0	11.6	31.9	117.0	302.3	555.3	825.0	1109.1	1432.3	1775.9	2233.1
-30°	0.0	11.7	32.8	114.6	291.0	535.3	800.1	1071.6	1386.7	1723.7	2143.7
-32.5°	0.0	11.7	33.4	111.2	277.8	512.9	771.9	1036.9	1338.2	1663.3	2048.0
-35°	0.0	11.7	33.8	106.9	263.0	488.1	741.4	1000.3	1285.8	1594.8	1946.6
-37.5°	0.0	11.6	34.1	101.5	246.8	463.3	708.6	959.9	1229.6	1518.4	1846.4
-40°	0.0	11.5	34.1	95.2	229.2	440.8	673.2	915.7	1169.9	1446.2	1747.5
-42.5°	0.0	11.4	33.9	88.4	215.8	416.7	635.4	867.9	1112.1	1369.9	1641.0
-45°	0.0	11.1	33.5	81.4	206.7	391.1	595.3	818.3	1053.1	1288.5	1530.6
-47.5°	0.0	10.9	32.9	73.5	195.9	363.9	552.8	768.8	989.8	1203.1	1435.0
-50°	0.0	10.5	32.1	70.9	183.5	335.4	517.3	716.8	919.9	1124.8	1335.0
-52.5°	0.0	10.1	31.1	69.5	169.5	305.4	481.8	662.4	852.9	1044.1	1232.5
-55°	0.0	9.7	29.8	67.3	154.0	282.8	444.9	607.4	785.8	961.3	1141.4
-57.5°	0.0	9.2	28.4	64.4	137.0	259.8	406.6	563.8	716.3	881.8	1048.3
-60°	0.0	8.7	26.8	60.8	119.2	234.7	367.8	515.5	646.8	801.5	955.3
-62.5°	0.0	8.2	25.2	56.5	110.7	207.6	332.3	462.9	582.6	719.1	864.2
-65°	0.0	7.6	23.4	51.5	101.1	178.6	294.2	408.4	514.4	636.3	771.0
-67.5°	0.0	6.9	21.5	46.0	90.3	154.4	253.8	354.3	442.7	549.9	670.3
-70°	0.0	6.2	19.4	39.9	78.6	135.1	211.2	298.9	378.4	459.6	563.1
-72.5°	0.0	5.5	17.2	35.1	65.9	114.4	178.6	242.3	313.0	384.8	457.4
-75°	0.0	4.8	15.0	30.5	52.4	92.4	146.0	195.3	246.4	309.0	372.3
-77.5°	0.0	4.0	12.6	25.7	43.3	69.3	111.8	150.9	191.7	235.7	285.9
-80°	0.0	3.3	10.2	20.8	35.0	52.8	76.3	105.8	137.2	171.3	208.0
-82.5°	0.0	2.5	7.7	15.7	26.5	39.9	56.0	67.9	82.0	106.0	131.9
-85°	0.0	1.6	5.2	10.5	17.7	26.8	37.6	45.4	53.4	61.9	70.6
-87.5°	0.0	0.8	2.6	5.3	8.9	13.4	18.8	22.7	26.8	31.0	35.4
-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):

	-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°	1.2	1.3	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1
85°	2.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
82.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
80°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
77.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
75°	2.7	2.7	2.9	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7
72.5°	3.1	3.5	3.4	3.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7
70°	4.2	4.4	3.8	3.1	2.7	2.8	3.1	3.0	2.7	2.7	2.7
67.5°	5.2	4.6	3.9	3.7	3.7	4.1	4.0	3.3	2.7	2.7	2.8
65°	5.3	4.7	6.7	7.6	5.6	4.8	4.1	3.5	3.7	3.9	3.9
62.5°	8.0	10.1	12.9	22.8	17.1	5.0	8.9	10.5	7.7	6.4	6.8
60°	26.3	17.9	53.2	76.2	47.6	17.4	21.2	70.5	61.2	11.3	38.2
57.5°	55.5	76.1	140.1	142.6	98.7	68.1	198.0	228.8	173.2	101.0	154.5
55°	122.1	187.6	232.4	215.1	234.9	355.8	422.7	379.7	319.7	491.7	628.2
52.5°	238.5	305.3	320.5	368.0	526.7	605.2	579.9	620.2	804.3	998.8	1041.0
50°	352.0	406.7	449.3	649.7	773.9	781.8	839.5	1021.8	1267.3	1386.4	1357.6
47.5°	461.8	518.5	716.9	909.5	965.3	1041.7	1185.9	1537.9	1797.9	1803.0	1773.6
45°	577.9	729.2	982.5	1108.1	1198.6	1346.4	1694.7	2180.2	2205.4	2275.9	2709.8
42.5°	702.1	967.1	1188.2	1318.8	1464.9	1740.8	2205.6	2524.1	2633.7	2942.5	3291.4
40°	903.2	1197.0	1390.1	1556.9	1745.0	2147.5	2656.5	2955.0	3044.0	3311.3	3573.7
37.5°	1107.2	1388.9	1605.3	1806.6	2067.2	2610.5	3199.5	3445.6	3490.7	3539.6	4120.8
35°	1303.7	1585.7	1844.7	2108.2	2427.8	3210.0	3724.8	3956.2	3949.1	4279.0	4887.7
32.5°	1487.4	1786.9	2092.6	2445.1	2972.5	3773.8	4288.8	4427.3	4637.5	5117.6	5948.4
30°	1670.8	2011.3	2362.4	2782.3	3450.4	4144.9	4732.8	4955.7	5315.9	5863.9	6468.5
27.5°	1859.8	2241.5	2666.0	3158.1	3827.6	4466.1	4968.2	5500.8	5850.7	6341.8	6771.9
25°	2047.9	2485.1	2965.8	3486.6	4097.2	4692.3	5211.6	5826.7	6202.4	6598.3	6999.6
22.5°	2245.3	2732.1	3275.0	3746.9	4324.5	4884.5	5502.8	6170.0	6658.5	6910.1	7179.5
20°	2451.6	2999.4	3578.4	4101.1	4548.9	5063.1	5795.2	6605.9	7236.5	7519.6	7556.6
17.5°	2654.9	3258.3	3880.9	4446.8	4929.7	5387.4	6102.1	7128.1	7912.2	8175.4	8292.5
15°	2853.2	3507.4	4181.8	4783.2	5313.3	5873.0	6636.3	7679.5	8576.0	8867.2	9051.5
12.5°	3044.6	3744.9	4477.7	5108.4	5697.2	6325.1	7121.3	8076.3	8894.5	9458.0	9795.9
10°	3227.0	3969.2	4764.9	5420.6	6076.7	6744.3	7522.6	8371.9	9037.9	9581.4	10061.1
7.5°	3319.0	4115.7	5011.7	5717.7	6446.7	7131.7	7851.3	8580.2	9141.2	9674.2	10138.1
5°	3381.5	4176.0	5088.8	5821.2	6643.2	7390.3	8088.8	8717.1	9208.6	9736.9	10190.0
2.5°	3426.2	4215.0	5141.0	5877.9	6717.1	7469.7	8157.2	8762.8	9264.3	9781.8	10245.8
0°	3453.2	4233.5	5167.6	5912.8	6763.3	7522.0	8197.0	8780.1	9301.2	9803.4	10302.9
-2.5°	3468.4	4290.2	5185.3	6002.4	6807.9	7567.1	8252.6	8821.8	9366.3	9844.2	10345.0
-5°	3466.5	4323.9	5180.7	6062.6	6829.3	7584.7	8280.4	8840.7	9401.7	9874.8	10362.1
-7.5°	3447.7	4331.8	5157.3	6081.5	6830.2	7578.7	8268.2	8849.7	9401.1	9902.8	10363.7
-10°	3414.2	4301.2	5135.7	6032.7	6804.0	7548.0	8230.9	8829.9	9379.2	9897.2	10354.7
-12.5°	3374.6	4238.0	5090.7	5962.5	6750.7	7490.6	8174.2	8779.4	9338.1	9854.8	10334.1
-15°	3315.2	4154.0	5016.8	5873.2	6669.7	7407.0	8100.7	8696.8	9274.7	9780.8	10272.8
-17.5°	3235.4	4050.0	4912.7	5767.3	6560.6	7298.0	8006.3	8587.9	9163.0	9685.9	10160.8
-20°	3134.8	3926.7	4777.5	5646.9	6422.0	7151.7	7837.8	8446.9	9018.3	9550.2	10049.2



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 CATALOG NUMBER: GFLD-SA5E-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°
-22.5°	3013.2	3785.0	4614.7	5484.5	6249.1	6970.5	7648.4	8267.3	8859.4	9373.8	9905.5
-25°	2891.5	3635.2	4434.8	5259.8	6048.2	6766.6	7446.5	8049.5	8654.6	9189.6	9694.7
-27.5°	2774.8	3461.4	4225.9	5012.2	5820.5	6535.5	7209.3	7812.8	8400.2	8985.2	9471.5
-30°	2643.9	3260.3	3996.9	4748.0	5536.0	6263.9	6942.8	7568.9	8128.0	8705.6	9227.7
-32.5°	2499.4	3047.1	3755.0	4477.6	5220.7	5964.6	6637.2	7259.1	7840.8	8387.2	8935.2
-35°	2358.2	2874.8	3498.8	4187.3	4886.6	5616.4	6289.4	6905.4	7509.0	8050.3	8574.0
-37.5°	2231.1	2688.3	3226.3	3884.1	4552.3	5242.7	5927.1	6523.4	7097.9	7693.0	8203.6
-40°	2093.6	2488.1	2990.5	3571.8	4201.6	4858.2	5513.5	6130.3	6670.4	7258.4	7820.1
-42.5°	1949.6	2325.0	2757.7	3241.2	3835.8	4454.8	5087.4	5690.8	6251.6	6806.3	7363.0
-45°	1823.6	2152.3	2520.9	2962.7	3446.8	4029.0	4628.0	5229.4	5767.5	6296.2	6845.9
-47.5°	1689.5	1978.8	2319.6	2672.5	3093.2	3580.1	4143.3	4698.1	5248.8	5751.9	6238.4
-50°	1556.0	1822.6	2102.6	2420.3	2767.5	3162.1	3630.0	4145.7	4648.9	5165.3	5647.1
-52.5°	1440.9	1658.3	1911.3	2176.4	2473.7	2800.1	3175.0	3598.6	4056.2	4494.5	4975.2
-55°	1321.4	1517.5	1721.7	1955.1	2202.4	2477.9	2785.2	3141.2	3490.4	3895.8	4288.2
-57.5°	1212.5	1377.8	1552.0	1744.7	1959.5	2180.0	2448.6	2725.5	3042.4	3357.5	3668.2
-60°	1109.8	1244.9	1392.7	1555.9	1728.6	1924.7	2125.2	2363.0	2618.3	2869.7	3133.3
-62.5°	1006.2	1119.9	1240.4	1375.9	1526.4	1674.8	1845.9	2029.1	2216.9	2430.0	2637.9
-65°	899.8	991.7	1093.8	1206.2	1326.4	1452.7	1584.1	1719.8	1879.5	2035.7	2186.8
-67.5°	786.7	865.3	948.0	1036.5	1137.3	1236.5	1335.5	1450.1	1567.7	1683.3	1803.0
-70°	661.4	735.5	804.4	876.2	951.1	1028.8	1113.4	1197.5	1280.4	1367.0	1463.2
-72.5°	534.0	602.2	662.8	715.8	777.3	841.9	903.7	962.7	1025.3	1091.0	1156.2
-75°	425.9	471.0	525.1	574.5	623.4	668.9	709.7	759.7	811.9	859.7	899.0
-77.5°	332.4	373.4	410.4	443.5	482.5	528.0	567.8	601.9	635.0	671.2	709.5
-80°	241.8	275.8	309.6	340.2	362.6	388.4	418.9	453.7	483.9	508.4	530.8
-82.5°	156.1	180.7	205.8	231.3	241.7	248.8	255.5	267.6	286.3	304.7	322.3
-85°	77.8	84.9	100.2	115.9	121.4	125.2	127.8	129.2	135.5	141.4	146.5
-87.5°	38.9	42.5	46.0	49.5	47.7	45.2	42.0	38.2	37.3	36.2	34.8
-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: P645543 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-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°	2.2	2.3	2.3	2.4	2.4	1.9	1.3	0.6	0.0	0.0	0.0
85°	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.5	2.5	1.9	1.3
82.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6
80°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
77.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
75°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
72.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
70°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
67.5°	2.9	2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.4	1.7
65°	3.8	3.7	3.9	3.8	3.3	3.2	3.4	3.3	3.0	2.4	1.6
62.5°	6.8	7.7	6.0	6.0	5.9	5.7	5.4	5.2	4.8	4.6	4.7
60°	42.3	25.0	14.6	17.1	15.3	10.2	13.0	15.2	15.4	14.1	12.4
57.5°	234.7	175.3	129.8	309.8	310.8	148.4	178.7	280.9	231.4	76.0	70.6
55°	652.9	780.9	1027.7	976.2	992.0	1141.0	1245.9	1103.0	1081.3	1152.2	1331.0
52.5°	1172.9	1295.0	1378.0	1455.6	1550.2	1651.8	1756.4	1823.0	1885.3	1951.6	1991.1
50°	1497.8	1669.7	1787.8	1744.3	1989.0	2089.0	1987.4	2078.3	2189.1	2219.4	2233.7
47.5°	2211.6	2463.7	2513.8	2676.2	2822.2	2819.1	2695.1	2702.3	3032.2	3323.2	3466.1
45°	3178.4	3187.0	3345.5	3632.4	3837.4	3772.9	3945.9	4339.3	4470.3	4596.9	4700.7
42.5°	3555.0	3711.1	3964.1	4217.8	4370.7	4503.2	4631.4	4776.0	4946.0	5083.8	5194.0
40°	3919.7	4045.5	4304.6	4508.9	4635.5	4759.3	4908.5	5068.7	5224.2	5345.4	5428.1
37.5°	4481.1	4578.6	4641.7	4831.3	5070.7	4960.2	5243.4	5446.5	5539.3	5662.4	5673.5
35°	5330.3	5265.4	5181.4	5936.2	5981.4	5726.5	5991.3	6306.2	6140.3	6485.9	6671.7
32.5°	6083.1	6073.4	6732.3	7129.1	6900.8	7087.2	7697.8	7670.8	8077.8	8266.6	8212.8
30°	6792.4	7034.4	7415.4	7711.0	7750.6	8044.4	8315.6	8553.2	8798.9	9019.1	9034.3
27.5°	7152.5	7468.3	7727.0	7898.0	8088.8	8336.1	8582.2	8849.7	9058.6	9196.8	9230.5
25°	7370.3	7692.9	7888.7	8072.8	8283.5	8496.9	8772.4	9063.7	9231.5	9316.8	9344.0
22.5°	7562.3	7852.2	8062.8	8212.2	8438.9	8668.4	8925.2	9171.9	9354.3	9391.4	9405.0
20°	7747.2	8025.7	8377.3	8597.2	8586.3	8844.8	9092.4	9288.5	9440.6	9439.7	9443.3
17.5°	8281.9	8381.3	9019.4	9503.9	9264.0	9137.5	9818.3	9831.2	9871.6	9791.2	9617.1
15°	9073.6	9254.6	10038.6	10563.8	10398.4	10389.7	11373.1	11129.2	11339.0	11284.1	11520.3
12.5°	9912.2	10126.5	10712.4	11228.2	11473.9	11534.3	11862.7	12170.4	12233.6	12208.7	12162.3
10°	10483.5	10788.8	11024.2	11337.2	11585.1	11837.9	12028.1	12249.1	12321.5	12279.7	12220.5
7.5°	10557.9	10859.7	11136.0	11410.7	11646.7	11850.5	12047.8	12227.7	12301.4	12277.0	12236.4
5°	10605.2	10878.6	11146.4	11425.1	11650.8	11839.6	12036.3	12218.5	12262.0	12232.7	12193.1
2.5°	10634.4	10887.4	11145.5	11423.1	11628.1	11807.8	12006.9	12201.3	12201.0	12188.2	12165.0
0°	10648.5	10902.3	11202.0	11453.1	11682.6	11852.7	12049.7	12238.7	12225.2	12190.1	12149.6
-2.5°	10678.8	10936.0	11241.8	11449.9	11708.7	11864.5	12068.1	12231.8	12225.5	12208.2	12188.1
-5°	10705.9	10995.1	11281.2	11500.1	11759.5	11963.1	12165.5	12293.5	12300.4	12276.3	12242.6
-7.5°	10722.4	11043.0	11316.0	11535.8	11787.3	12024.2	12229.5	12363.8	12366.8	12334.8	12294.5
-10°	10716.9	11055.4	11336.3	11563.5	11821.1	12055.0	12269.7	12440.0	12434.4	12404.0	12369.5
-12.5°	10696.7	11034.7	11323.3	11551.1	11843.6	12084.4	12325.9	12495.3	12504.3	12481.5	12444.2
-15°	10652.2	11001.2	11281.9	11530.7	11817.4	12098.9	12347.0	12533.9	12567.3	12548.6	12519.1
-17.5°	10564.2	10932.5	11230.2	11498.4	11773.4	12073.5	12355.7	12560.1	12605.7	12598.2	12573.8
-20°	10448.7	10828.8	11131.0	11411.9	11711.4	12020.5	12348.9	12535.7	12601.8	12606.0	12589.4



REPORT NUMBER: P645543 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	10319.0	10691.1	11011.7	11287.9	11612.6	11925.5	12222.9	12441.6	12552.7	12573.4	12574.8
-25°	10163.5	10545.9	10864.4	11158.5	11460.5	11783.7	12084.2	12328.4	12441.0	12494.8	12511.5
-27.5°	9943.8	10339.0	10652.5	10963.3	11270.5	11604.4	11920.3	12185.7	12277.3	12351.3	12380.9
-30°	9686.4	10077.3	10396.8	10681.0	11032.5	11372.9	11698.9	11930.5	12068.6	12153.2	12199.5
-32.5°	9390.5	9785.0	10120.4	10417.2	10751.2	11091.6	11398.3	11642.6	11833.1	11930.7	11980.2
-35°	9069.6	9472.3	9823.5	10136.1	10450.6	10775.0	11092.8	11348.4	11565.5	11649.3	11711.3
-37.5°	8682.4	9126.8	9486.8	9809.2	10108.1	10413.0	10744.0	11036.2	11246.9	11328.3	11393.6
-40°	8285.5	8714.9	9078.1	9421.9	9717.4	10050.4	10369.2	10675.5	10858.3	10953.3	11027.2
-42.5°	7866.5	8254.5	8599.7	8933.8	9262.8	9605.6	9924.2	10242.4	10400.6	10515.0	10605.7
-45°	7382.8	7743.8	8079.4	8392.0	8731.1	9068.1	9386.9	9668.1	9856.3	10005.2	10121.1
-47.5°	6737.9	7177.6	7514.6	7811.9	8148.2	8473.3	8782.2	9046.6	9253.0	9427.2	9561.8
-50°	6082.9	6504.9	6884.9	7219.0	7531.0	7831.6	8125.7	8384.4	8602.8	8791.6	8927.9
-52.5°	5437.9	5833.3	6210.4	6555.2	6855.1	7138.9	7408.0	7668.3	7898.6	8100.4	8232.3
-55°	4709.0	5118.7	5491.6	5813.2	6112.8	6393.4	6659.0	6905.9	7132.6	7338.2	7464.5
-57.5°	4025.3	4384.7	4731.7	5028.6	5311.3	5578.5	5830.4	6066.7	6284.9	6478.4	6600.2
-60°	3396.8	3658.8	3957.5	4231.6	4482.3	4709.7	4944.7	5165.0	5365.5	5535.5	5649.0
-62.5°	2841.3	3058.4	3274.1	3482.5	3685.9	3890.2	4086.9	4269.6	4437.2	4576.5	4676.0
-65°	2346.3	2520.8	2676.7	2824.5	2965.4	3126.5	3276.1	3416.8	3547.0	3653.8	3729.6
-67.5°	1932.0	2054.6	2162.4	2263.8	2374.9	2488.8	2595.5	2688.5	2768.1	2831.4	2881.4
-70°	1558.0	1648.2	1729.5	1810.4	1891.5	1965.5	2036.1	2104.5	2169.5	2222.5	2262.2
-72.5°	1220.2	1281.8	1337.2	1399.5	1457.8	1514.0	1562.8	1602.3	1632.9	1662.7	1688.7
-75°	930.3	976.6	1039.0	1091.8	1135.4	1173.9	1209.2	1240.7	1268.4	1292.9	1314.5
-77.5°	748.2	787.5	827.3	865.8	903.0	930.7	956.4	982.1	1007.3	1029.0	1048.2
-80°	554.6	583.9	614.6	645.4	676.2	691.5	703.7	715.0	725.0	738.0	750.1
-82.5°	339.1	355.7	372.8	390.0	407.3	411.6	413.1	412.7	410.5	405.8	398.6
-85°	150.9	151.8	151.3	149.6	146.7	140.7	133.4	125.0	115.5	114.0	112.2
-87.5°	33.2	32.5	31.6	30.5	29.4	29.3	29.2	29.0	28.7	29.7	30.6
-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: P645543 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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	0.6
85°	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.3	1.9	2.5	2.5
82.5°	2.6	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.7	2.7	2.7
80°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
77.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
75°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
72.5°	2.7	2.7	1.4	0.0	1.4	2.7	2.7	2.7	2.7	2.7	2.7
70°	2.7	2.7	1.4	0.0	1.4	2.7	2.7	2.7	2.7	2.7	2.7
67.5°	1.0	0.2	0.0	0.0	0.0	0.2	1.0	1.7	2.4	2.7	2.7
65°	0.9	0.1	0.0	0.0	0.0	0.1	0.9	1.6	2.4	3.0	3.3
62.5°	4.9	5.2	5.3	5.4	5.3	5.2	4.9	4.7	4.6	4.8	5.2
60°	9.8	6.4	5.4	5.4	5.4	6.4	9.8	12.4	14.1	15.4	15.2
57.5°	59.7	44.5	37.8	35.1	37.8	44.5	59.7	70.6	76.0	231.4	280.9
55°	1459.1	1533.4	1588.9	1614.6	1588.9	1533.4	1459.1	1331.0	1152.2	1081.3	1103.0
52.5°	2025.9	2058.2	2076.8	2076.2	2076.8	2058.2	2025.9	1991.1	1951.6	1885.3	1823.0
50°	2258.1	2273.8	2279.4	2276.0	2279.4	2273.8	2258.1	2233.7	2219.4	2189.1	2078.3
47.5°	3335.5	3046.8	2834.6	2783.6	2834.6	3046.8	3335.5	3466.1	3323.2	3032.2	2702.3
45°	4750.6	4860.1	4969.1	5003.0	4969.1	4860.1	4750.6	4700.7	4596.9	4470.3	4339.3
42.5°	5240.5	5276.2	5296.4	5297.2	5296.4	5276.2	5240.5	5194.0	5083.8	4946.0	4776.0
40°	5474.4	5508.0	5527.6	5529.4	5527.6	5508.0	5474.4	5428.1	5345.4	5224.2	5068.7
37.5°	5686.9	5715.5	5734.3	5753.5	5734.3	5715.5	5686.9	5673.5	5662.4	5539.3	5446.5
35°	6646.7	6429.2	6116.5	6163.9	6116.5	6429.2	6646.7	6671.7	6485.9	6140.3	6306.2
32.5°	8296.9	8388.4	8445.4	8542.6	8445.4	8388.4	8296.9	8212.8	8266.6	8077.8	7670.8
30°	9058.4	9088.6	9134.3	9182.4	9134.3	9088.6	9058.4	9034.3	9019.1	8798.9	8553.2
27.5°	9248.4	9279.6	9307.4	9328.2	9307.4	9279.6	9248.4	9230.5	9196.8	9058.6	8849.7
25°	9347.8	9367.3	9396.8	9422.7	9396.8	9367.3	9347.8	9344.0	9316.8	9231.5	9063.7
22.5°	9397.2	9399.2	9422.3	9455.1	9422.3	9399.2	9397.2	9405.0	9391.4	9354.3	9171.9
20°	9431.1	9412.7	9436.6	9457.8	9436.6	9412.7	9431.1	9443.3	9439.7	9440.6	9288.5
17.5°	9862.8	9616.5	9515.3	9517.2	9515.3	9616.5	9862.8	9617.1	9791.2	9871.6	9831.2
15°	11255.2	11347.6	11701.9	11893.2	11701.9	11347.6	11255.2	11520.3	11284.1	11339.0	11129.2
12.5°	12153.7	12120.9	12078.8	12136.1	12078.8	12120.9	12153.7	12162.3	12208.7	12233.6	12170.4
10°	12195.3	12191.6	12116.6	12198.2	12116.6	12191.6	12195.3	12220.5	12279.7	12321.5	12249.1
7.5°	12169.8	12172.1	12140.2	12219.8	12140.2	12172.1	12169.8	12236.4	12277.0	12301.4	12227.7
5°	12186.7	12131.8	12152.6	12198.2	12152.6	12131.8	12186.7	12193.1	12232.7	12262.0	12218.5
2.5°	12139.5	12133.9	12093.4	12125.3	12093.4	12133.9	12139.5	12165.0	12188.2	12201.0	12201.3
0°	12103.7	12074.0	12074.0	12101.0	12074.0	12074.0	12103.7	12149.6	12190.1	12225.2	12238.7
-2.5°	12167.6	12161.3	12157.4	12138.8	12157.4	12161.3	12167.6	12188.1	12208.2	12225.5	12231.8
-5°	12220.0	12204.0	12159.8	12219.8	12159.8	12204.0	12220.0	12242.6	12276.3	12300.4	12293.5
-7.5°	12276.5	12235.5	12193.5	12287.3	12193.5	12235.5	12276.5	12294.5	12334.8	12366.8	12363.8
-10°	12328.1	12268.8	12228.0	12319.7	12228.0	12268.8	12328.1	12369.5	12404.0	12434.4	12440.0
-12.5°	12396.2	12327.0	12299.6	12349.4	12299.6	12327.0	12396.2	12444.2	12481.5	12504.3	12495.3
-15°	12468.9	12421.0	12414.6	12443.9	12414.6	12421.0	12468.9	12519.1	12548.6	12567.3	12533.9
-17.5°	12532.8	12499.1	12515.8	12549.2	12515.8	12499.1	12532.8	12573.8	12598.2	12605.7	12560.1
-20°	12563.3	12544.5	12563.2	12646.4	12563.2	12544.5	12563.3	12589.4	12606.0	12601.8	12535.7



REPORT NUMBER: P645543 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	12560.7	12561.9	12594.9	12622.1	12594.9	12561.9	12560.7	12574.8	12573.4	12552.7	12441.6
-25°	12512.7	12538.0	12575.9	12630.2	12575.9	12538.0	12512.7	12511.5	12494.8	12441.0	12328.4
-27.5°	12397.2	12439.1	12478.7	12535.7	12478.7	12439.1	12397.2	12380.9	12351.3	12277.3	12185.7
-30°	12230.0	12279.9	12315.3	12376.4	12315.3	12279.9	12230.0	12199.5	12153.2	12068.6	11930.5
-32.5°	12026.7	12083.1	12124.9	12168.5	12124.9	12083.1	12026.7	11980.2	11930.7	11833.1	11642.6
-35°	11772.5	11833.3	11877.7	11917.5	11877.7	11833.3	11772.5	11711.3	11649.3	11565.5	11348.4
-37.5°	11467.0	11532.6	11583.2	11628.6	11583.2	11532.6	11467.0	11393.6	11328.3	11246.9	11036.2
-40°	11111.1	11178.4	11232.3	11283.0	11232.3	11178.4	11111.1	11027.2	10953.3	10858.3	10675.5
-42.5°	10695.0	10762.9	10818.6	10869.9	10818.6	10762.9	10695.0	10605.7	10515.0	10400.6	10242.4
-45°	10214.5	10284.3	10343.3	10397.4	10343.3	10284.3	10214.5	10121.1	10005.2	9856.3	9668.1
-47.5°	9661.0	9735.8	9786.2	9811.5	9786.2	9735.8	9661.0	9561.8	9427.2	9253.0	9046.6
-50°	9026.7	9101.4	9162.0	9206.7	9162.0	9101.4	9026.7	8927.9	8791.6	8602.8	8384.4
-52.5°	8328.5	8399.6	8451.7	8483.2	8451.7	8399.6	8328.5	8232.3	8100.4	7898.6	7668.3
-55°	7564.0	7638.4	7687.9	7711.0	7687.9	7638.4	7564.0	7464.5	7338.2	7132.6	6905.9
-57.5°	6696.8	6767.5	6820.1	6849.7	6820.1	6767.5	6696.8	6600.2	6478.4	6284.9	6066.7
-60°	5737.5	5800.7	5840.5	5856.1	5840.5	5800.7	5737.5	5649.0	5535.5	5365.5	5165.0
-62.5°	4756.2	4816.1	4853.5	4868.0	4853.5	4816.1	4756.2	4676.0	4576.5	4437.2	4269.6
-65°	3786.1	3823.7	3844.4	3847.4	3844.4	3823.7	3786.1	3729.6	3653.8	3547.0	3416.8
-67.5°	2920.9	2949.4	2966.8	2972.6	2966.8	2949.4	2920.9	2881.4	2831.4	2768.1	2688.5
-70°	2291.9	2311.6	2322.7	2324.6	2322.7	2311.6	2291.9	2262.2	2222.5	2169.5	2104.5
-72.5°	1708.7	1722.8	1717.9	1706.4	1717.9	1722.8	1708.7	1688.7	1662.7	1632.9	1602.3
-75°	1333.1	1348.6	1342.1	1331.1	1342.1	1348.6	1333.1	1314.5	1292.9	1268.4	1240.7
-77.5°	1064.9	1079.1	1072.1	1061.1	1072.1	1079.1	1064.9	1048.2	1029.0	1007.3	982.1
-80°	760.5	768.8	774.7	777.6	774.7	768.8	760.5	750.1	738.0	725.0	715.0
-82.5°	389.3	377.8	370.6	361.8	370.6	377.8	389.3	398.6	405.8	410.5	412.7
-85°	110.0	107.4	109.2	110.7	109.2	107.4	110.0	112.2	114.0	115.5	125.0
-87.5°	31.5	32.3	32.4	32.4	32.4	32.3	31.5	30.6	29.7	28.7	29.0
-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: P645543 (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°	1.3	1.9	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
85°	2.5	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
82.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
80°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
77.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
75°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
72.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
70°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0
67.5°	2.7	2.7	2.8	2.7	2.7	2.7	2.9	2.8	2.7	2.7	3.3
65°	3.4	3.2	3.3	3.8	3.9	3.7	3.8	3.9	3.9	3.7	3.5
62.5°	5.4	5.7	5.9	6.0	6.0	7.7	6.8	6.8	6.4	7.7	10.5
60°	13.0	10.2	15.3	17.1	14.6	25.0	42.3	38.2	11.3	61.2	70.5
57.5°	178.7	148.4	310.8	309.8	129.8	175.3	234.7	154.5	101.0	173.2	228.8
55°	1245.9	1141.0	992.0	976.2	1027.7	780.9	652.9	628.2	491.7	319.7	379.7
52.5°	1756.4	1651.8	1550.2	1455.6	1378.0	1295.0	1172.9	1041.0	998.8	804.3	620.2
50°	1987.4	2089.0	1989.0	1744.3	1787.8	1669.7	1497.8	1357.6	1386.4	1267.3	1021.8
47.5°	2695.1	2819.1	2822.2	2676.2	2513.8	2463.7	2211.6	1773.6	1803.0	1797.9	1537.9
45°	3945.9	3772.9	3837.4	3632.4	3345.5	3187.0	3178.4	2709.8	2275.9	2205.4	2180.2
42.5°	4631.4	4503.2	4370.7	4217.8	3964.1	3711.1	3555.0	3291.4	2942.5	2633.7	2524.1
40°	4908.5	4759.3	4635.5	4508.9	4304.6	4045.5	3919.7	3573.7	3311.3	3044.0	2955.0
37.5°	5243.4	4960.2	5070.7	4831.3	4641.7	4578.6	4481.1	4120.8	3539.6	3490.7	3445.6
35°	5991.3	5726.5	5981.4	5936.2	5181.4	5265.4	5330.3	4887.7	4279.0	3949.1	3956.2
32.5°	7697.8	7087.2	6900.8	7129.1	6732.3	6073.4	6083.1	5948.4	5117.6	4637.5	4427.3
30°	8315.6	8044.4	7750.6	7711.0	7415.4	7034.4	6792.4	6468.5	5863.9	5315.9	4955.7
27.5°	8582.2	8336.1	8088.8	7898.0	7727.0	7468.3	7152.5	6771.9	6341.8	5850.7	5500.8
25°	8772.4	8496.9	8283.5	8072.8	7888.7	7692.9	7370.3	6999.6	6598.3	6202.4	5826.7
22.5°	8925.2	8668.4	8438.9	8212.2	8062.8	7852.2	7562.3	7179.5	6910.1	6658.5	6170.0
20°	9092.4	8844.8	8586.3	8597.2	8377.3	8025.7	7747.2	7556.6	7519.6	7236.5	6605.9
17.5°	9818.3	9137.5	9264.0	9503.9	9019.4	8381.3	8281.9	8292.5	8175.4	7912.2	7128.1
15°	11373.1	10389.7	10398.4	10563.8	10038.6	9254.6	9073.6	9051.5	8867.2	8576.0	7679.5
12.5°	11862.7	11534.3	11473.9	11228.2	10712.4	10126.5	9912.2	9795.9	9458.0	8894.5	8076.3
10°	12028.1	11837.9	11585.1	11337.2	11024.2	10788.8	10483.5	10061.1	9581.4	9037.9	8371.9
7.5°	12047.8	11850.5	11646.7	11410.7	11136.0	10859.7	10557.9	10138.1	9674.2	9141.2	8580.2
5°	12036.3	11839.6	11650.8	11425.1	11146.4	10878.6	10605.2	10190.0	9736.9	9208.6	8717.1
2.5°	12006.9	11807.8	11628.1	11423.1	11145.5	10887.4	10634.4	10245.8	9781.8	9264.3	8762.8
0°	12049.7	11852.7	11682.6	11453.1	11202.0	10902.3	10648.5	10302.9	9803.4	9301.2	8780.1
-2.5°	12068.1	11864.5	11708.7	11449.9	11241.8	10936.0	10678.8	10345.0	9844.2	9366.3	8821.8
-5°	12165.5	11963.1	11759.5	11500.1	11281.2	10995.1	10705.9	10362.1	9874.8	9401.7	8840.7
-7.5°	12229.5	12024.2	11787.3	11535.8	11316.0	11043.0	10722.4	10363.7	9902.8	9401.1	8849.7
-10°	12269.7	12055.0	11821.1	11563.5	11336.3	11055.4	10716.9	10354.7	9897.2	9379.2	8829.9
-12.5°	12325.9	12084.4	11843.6	11551.1	11323.3	11034.7	10696.7	10334.1	9854.8	9338.1	8779.4
-15°	12347.0	12098.9	11817.4	11530.7	11281.9	11001.2	10652.2	10272.8	9780.8	9274.7	8696.8
-17.5°	12355.7	12073.5	11773.4	11498.4	11230.2	10932.5	10564.2	10160.8	9685.9	9163.0	8587.9
-20°	12348.9	12020.5	11711.4	11411.9	11131.0	10828.8	10448.7	10049.2	9550.2	9018.3	8446.9



REPORT NUMBER: P645543 (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°
-22.5°	12222.9	11925.5	11612.6	11287.9	11011.7	10691.1	10319.0	9905.5	9373.8	8859.4	8267.3
-25°	12084.2	11783.7	11460.5	11158.5	10864.4	10545.9	10163.5	9694.7	9189.6	8654.6	8049.5
-27.5°	11920.3	11604.4	11270.5	10963.3	10652.5	10339.0	9943.8	9471.5	8985.2	8400.2	7812.8
-30°	11698.9	11372.9	11032.5	10681.0	10396.8	10077.3	9686.4	9227.7	8705.6	8128.0	7568.9
-32.5°	11398.3	11091.6	10751.2	10417.2	10120.4	9785.0	9390.5	8935.2	8387.2	7840.8	7259.1
-35°	11092.8	10775.0	10450.6	10136.1	9823.5	9472.3	9069.6	8574.0	8050.3	7509.0	6905.4
-37.5°	10744.0	10413.0	10108.1	9809.2	9486.8	9126.8	8682.4	8203.6	7693.0	7097.9	6523.4
-40°	10369.2	10050.4	9717.4	9421.9	9078.1	8714.9	8285.5	7820.1	7258.4	6670.4	6130.3
-42.5°	9924.2	9605.6	9262.8	8933.8	8599.7	8254.5	7866.5	7363.0	6806.3	6251.6	5690.8
-45°	9386.9	9068.1	8731.1	8392.0	8079.4	7743.8	7382.8	6845.9	6296.2	5767.5	5229.4
-47.5°	8782.2	8473.3	8148.2	7811.9	7514.6	7177.6	6737.9	6238.4	5751.9	5248.8	4698.1
-50°	8125.7	7831.6	7531.0	7219.0	6884.9	6504.9	6082.9	5647.1	5165.3	4648.9	4145.7
-52.5°	7408.0	7138.9	6855.1	6555.2	6210.4	5833.3	5437.9	4975.2	4494.5	4056.2	3598.6
-55°	6659.0	6393.4	6112.8	5813.2	5491.6	5118.7	4709.0	4288.2	3895.8	3490.4	3141.2
-57.5°	5830.4	5578.5	5311.3	5028.6	4731.7	4384.7	4025.3	3668.2	3357.5	3042.4	2725.5
-60°	4944.7	4709.7	4482.3	4231.6	3957.5	3658.8	3396.8	3133.3	2869.7	2618.3	2363.0
-62.5°	4086.9	3890.2	3685.9	3482.5	3274.1	3058.4	2841.3	2637.9	2430.0	2216.9	2029.1
-65°	3276.1	3126.5	2965.4	2824.5	2676.7	2520.8	2346.3	2186.8	2035.7	1879.5	1719.8
-67.5°	2595.5	2488.8	2374.9	2263.8	2162.4	2054.6	1932.0	1803.0	1683.3	1567.7	1450.1
-70°	2036.1	1965.5	1891.5	1810.4	1729.5	1648.2	1558.0	1463.2	1367.0	1280.4	1197.5
-72.5°	1562.8	1514.0	1457.8	1399.5	1337.2	1281.8	1220.2	1156.2	1091.0	1025.3	962.7
-75°	1209.2	1173.9	1135.4	1091.8	1039.0	976.6	930.3	899.0	859.7	811.9	759.7
-77.5°	956.4	930.7	903.0	865.8	827.3	787.5	748.2	709.5	671.2	635.0	601.9
-80°	703.7	691.5	676.2	645.4	614.6	583.9	554.6	530.8	508.4	483.9	453.7
-82.5°	413.1	411.6	407.3	390.0	372.8	355.7	339.1	322.3	304.7	286.3	267.6
-85°	133.4	140.7	146.7	149.6	151.3	151.8	150.9	146.5	141.4	135.5	129.2
-87.5°	29.2	29.3	29.4	30.5	31.6	32.5	33.2	34.8	36.2	37.3	38.2
-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: P645543 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	1.8	1.7	1.6	1.5	1.5	1.3	1.2	1.1	1.3	1.4	1.4
85°	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.3	2.6	2.8	2.8
82.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	3.4	4.1	4.3
80°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	3.5	4.1	4.8
77.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	3.5	4.2	4.8
75°	2.7	2.7	2.7	2.8	2.9	2.7	2.7	2.9	3.6	4.2	4.9
72.5°	2.7	2.7	2.7	3.0	3.4	3.5	3.1	3.0	3.6	4.3	4.9
70°	3.1	2.8	2.7	3.1	3.8	4.4	4.2	4.3	3.8	4.4	5.0
67.5°	4.0	4.1	3.7	3.7	3.9	4.6	5.2	6.1	6.0	4.5	5.1
65°	4.1	4.8	5.6	7.6	6.7	4.7	5.3	10.6	8.4	7.2	5.1
62.5°	8.9	5.0	17.1	22.8	12.9	10.1	8.0	23.5	14.8	10.0	7.2
60°	21.2	17.4	47.6	76.2	53.2	17.9	26.3	40.8	37.5	13.0	10.2
57.5°	198.0	68.1	98.7	142.6	140.1	76.1	55.5	74.0	63.7	36.7	14.4
55°	422.7	355.8	234.9	215.1	232.4	187.6	122.1	119.8	98.3	68.1	23.3
52.5°	579.9	605.2	526.7	368.0	320.5	305.3	238.5	173.7	154.3	102.2	59.1
50°	839.5	781.8	773.9	649.7	449.3	406.7	352.0	271.4	216.5	146.2	99.9
47.5°	1185.9	1041.7	965.3	909.5	716.9	518.5	461.8	371.2	285.1	210.6	142.7
45°	1694.7	1346.4	1198.6	1108.1	982.5	729.2	577.9	468.1	371.6	282.7	187.4
42.5°	2205.6	1740.8	1464.9	1318.8	1188.2	967.1	702.1	579.8	455.8	356.2	244.2
40°	2656.5	2147.5	1745.0	1556.9	1390.1	1197.0	903.2	699.4	538.4	431.8	308.7
37.5°	3199.5	2610.5	2067.2	1806.6	1605.3	1388.9	1107.2	824.3	637.6	511.0	373.4
35°	3724.8	3210.0	2427.8	2108.2	1844.7	1585.7	1303.7	971.9	759.5	591.6	438.0
32.5°	4288.8	3773.8	2972.5	2445.1	2092.6	1786.9	1487.4	1151.5	882.2	673.1	502.5
30°	4732.8	4144.9	3450.4	2782.3	2362.4	2011.3	1670.8	1323.7	1005.1	755.4	567.5
27.5°	4968.2	4466.1	3827.6	3158.1	2666.0	2241.5	1859.8	1488.3	1127.8	845.8	635.2
25°	5211.6	4692.3	4097.2	3486.6	2965.8	2485.1	2047.9	1645.2	1261.9	947.8	702.2
22.5°	5502.8	4884.5	4324.5	3746.9	3275.0	2732.1	2245.3	1804.0	1395.8	1047.7	768.2
20°	5795.2	5063.1	4548.9	4101.1	3578.4	2999.4	2451.6	1959.0	1522.2	1145.1	832.7
17.5°	6102.1	5387.4	4929.7	4446.8	3880.9	3258.3	2654.9	2109.2	1640.8	1239.4	895.3
15°	6636.3	5873.0	5313.3	4783.2	4181.8	3507.4	2853.2	2253.4	1751.4	1330.0	953.6
12.5°	7121.3	6325.1	5697.2	5108.4	4477.7	3744.9	3044.6	2390.6	1853.9	1402.2	1005.5
10°	7522.6	6744.3	6076.7	5420.6	4764.9	3969.2	3227.0	2502.4	1915.4	1456.1	1053.4
7.5°	7851.3	7131.7	6446.7	5717.7	5011.7	4115.7	3319.0	2567.6	1963.0	1502.0	1097.0
5°	8088.8	7390.3	6643.2	5821.2	5088.8	4176.0	3381.5	2620.7	2001.4	1540.3	1136.3
2.5°	8157.2	7469.7	6717.1	5877.9	5141.0	4215.0	3426.2	2661.3	2030.9	1571.4	1171.1
0°	8197.0	7522.0	6763.3	5912.8	5167.6	4233.5	3453.2	2689.1	2051.9	1595.7	1201.5
-2.5°	8252.6	7567.1	6807.9	6002.4	5185.3	4290.2	3468.4	2707.3	2078.4	1604.4	1219.2
-5°	8280.4	7584.7	6829.3	6062.6	5180.7	4323.9	3466.5	2713.0	2095.6	1607.5	1232.2
-7.5°	8268.2	7578.7	6830.2	6081.5	5157.3	4331.8	3447.7	2707.0	2102.6	1605.2	1240.2
-10°	8230.9	7548.0	6804.0	6032.7	5135.7	4301.2	3414.2	2689.8	2098.5	1598.3	1243.3
-12.5°	8174.2	7490.6	6750.7	5962.5	5090.7	4238.0	3374.6	2660.3	2081.5	1587.3	1241.2
-15°	8100.7	7407.0	6669.7	5873.2	5016.8	4154.0	3315.2	2617.5	2048.5	1574.7	1233.9
-17.5°	8006.3	7298.0	6560.6	5767.3	4912.7	4050.0	3235.4	2561.7	2007.3	1559.4	1219.1
-20°	7837.8	7151.7	6422.0	5646.9	4777.5	3926.7	3134.8	2493.0	1958.2	1537.6	1197.8



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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°	7648.4	6970.5	6249.1	5484.5	4614.7	3785.0	3013.2	2411.3	1901.5	1509.3	1172.3
-25°	7446.5	6766.6	6048.2	5259.8	4434.8	3635.2	2891.5	2316.8	1837.7	1474.2	1142.7
-27.5°	7209.3	6535.5	5820.5	5012.2	4225.9	3461.4	2774.8	2233.1	1775.9	1432.3	1109.1
-30°	6942.8	6263.9	5536.0	4748.0	3996.9	3260.3	2643.9	2143.7	1723.7	1386.7	1071.6
-32.5°	6637.2	5964.6	5220.7	4477.6	3755.0	3047.1	2499.4	2048.0	1663.3	1338.2	1036.9
-35°	6289.4	5616.4	4886.6	4187.3	3498.8	2874.8	2358.2	1946.6	1594.8	1285.8	1000.3
-37.5°	5927.1	5242.7	4552.3	3884.1	3226.3	2688.3	2231.1	1846.4	1518.4	1229.6	959.9
-40°	5513.5	4858.2	4201.6	3571.8	2990.5	2488.1	2093.6	1747.5	1446.2	1169.9	915.7
-42.5°	5087.4	4454.8	3835.8	3241.2	2757.7	2325.0	1949.6	1641.0	1369.9	1112.1	867.9
-45°	4628.0	4029.0	3446.8	2962.7	2520.9	2152.3	1823.6	1530.6	1288.5	1053.1	818.3
-47.5°	4143.3	3580.1	3093.2	2672.5	2319.6	1978.8	1689.5	1435.0	1203.1	989.8	768.8
-50°	3630.0	3162.1	2767.5	2420.3	2102.6	1822.6	1556.0	1335.0	1124.8	919.9	716.8
-52.5°	3175.0	2800.1	2473.7	2176.4	1911.3	1658.3	1440.9	1232.5	1044.1	852.9	662.4
-55°	2785.2	2477.9	2202.4	1955.1	1721.7	1517.5	1321.4	1141.4	961.3	785.8	607.4
-57.5°	2448.6	2180.0	1959.5	1744.7	1552.0	1377.8	1212.5	1048.3	881.8	716.3	563.8
-60°	2125.2	1924.7	1728.6	1555.9	1392.7	1244.9	1109.8	955.3	801.5	646.8	515.5
-62.5°	1845.9	1674.8	1526.4	1375.9	1240.4	1119.9	1006.2	864.2	719.1	582.6	462.9
-65°	1584.1	1452.7	1326.4	1206.2	1093.8	991.7	899.8	771.0	636.3	514.4	408.4
-67.5°	1335.5	1236.5	1137.3	1036.5	948.0	865.3	786.7	670.3	549.9	442.7	354.3
-70°	1113.4	1028.8	951.1	876.2	804.4	735.5	661.4	563.1	459.6	378.4	298.9
-72.5°	903.7	841.9	777.3	715.8	662.8	602.2	534.0	457.4	384.8	313.0	242.3
-75°	709.7	668.9	623.4	574.5	525.1	471.0	425.9	372.3	309.0	246.4	195.3
-77.5°	567.8	528.0	482.5	443.5	410.4	373.4	332.4	285.9	235.7	191.7	150.9
-80°	418.9	388.4	362.6	340.2	309.6	275.8	241.8	208.0	171.3	137.2	105.8
-82.5°	255.5	248.8	241.7	231.3	205.8	180.7	156.1	131.9	106.0	82.0	67.9
-85°	127.8	125.2	121.4	115.9	100.2	84.9	77.8	70.6	61.9	53.4	45.4
-87.5°	42.0	45.2	47.7	49.5	46.0	42.5	38.9	35.4	31.0	26.8	22.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	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°	1.4	1.2	0.9	0.7	0.5	0.3	0.0
85°	2.8	2.3	1.9	1.4	0.9	0.6	0.0
82.5°	4.2	3.5	2.8	2.1	1.4	0.9	0.0
80°	5.4	4.7	3.7	2.8	1.9	1.2	0.0
77.5°	5.4	5.5	4.7	3.5	2.4	1.5	0.0
75°	5.5	5.6	5.4	4.2	2.8	1.8	0.0
72.5°	5.5	5.8	5.7	4.9	3.3	2.0	0.0
70°	5.7	6.0	5.9	5.5	3.8	2.3	0.0
67.5°	6.3	6.2	6.2	5.7	4.3	2.6	0.0
65°	7.3	7.2	6.5	6.0	4.8	2.9	0.0
62.5°	8.5	8.9	6.8	6.3	5.3	3.2	0.0
60°	10.0	10.8	7.1	6.5	5.8	3.5	0.0
57.5°	18.5	13.0	9.2	6.8	6.1	3.7	0.0
55°	29.5	15.3	11.4	7.1	6.4	4.0	0.0
52.5°	42.3	19.7	13.8	7.4	6.7	4.3	0.0
50°	57.0	33.5	16.3	7.7	7.0	4.5	0.0
47.5°	76.6	48.4	18.8	8.4	7.3	4.8	0.0
45°	115.5	64.4	21.5	10.5	7.6	5.1	0.0
42.5°	155.4	81.4	24.3	12.6	8.0	5.3	0.0
40°	196.2	99.4	32.7	15.2	8.3	5.5	0.0
37.5°	237.8	118.3	46.8	18.4	8.7	5.8	0.0
35°	280.0	147.0	61.1	22.0	9.0	6.0	0.0
32.5°	325.8	180.3	75.6	26.0	9.4	6.2	0.0
30°	378.1	213.3	90.2	30.3	9.7	6.4	0.0
27.5°	429.4	246.0	108.2	34.8	10.1	6.6	0.0
25°	479.5	278.1	126.7	39.6	10.4	6.8	0.0
22.5°	528.1	310.9	145.1	44.6	10.8	7.0	0.0
20°	575.1	346.0	163.4	49.8	11.1	7.2	0.0
17.5°	621.6	380.0	181.3	55.0	11.4	7.3	0.0
15°	666.3	412.7	198.8	60.3	11.8	7.5	0.0
12.5°	708.0	443.8	215.7	65.6	12.1	7.6	0.0
10°	746.8	473.3	231.9	70.7	12.4	7.7	0.0
7.5°	782.4	500.8	247.2	75.7	12.7	7.9	0.0
5°	814.8	526.2	261.5	80.5	13.0	8.0	0.0
2.5°	843.8	549.2	274.5	85.0	13.3	8.0	0.0
0°	869.4	569.7	286.2	89.1	13.5	8.1	0.0
-2.5°	882.1	582.7	297.1	94.9	15.6	8.6	0.0
-5°	891.4	592.9	306.4	100.2	17.7	9.0	0.0
-7.5°	897.4	600.4	313.9	105.0	19.7	9.4	0.0
-10°	900.1	605.1	319.6	109.2	21.7	9.8	0.0
-12.5°	899.6	607.0	323.5	112.7	23.5	10.2	0.0
-15°	896.0	606.1	325.3	115.4	25.3	10.5	0.0
-17.5°	889.5	602.4	325.1	117.4	26.9	10.8	0.0
-20°	879.3	596.1	322.7	118.6	28.4	11.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	864.6	587.0	318.2	119.0	29.7	11.3	0.0
-25°	846.5	572.9	311.4	118.4	30.9	11.5	0.0
-27.5°	825.0	555.3	302.3	117.0	31.9	11.6	0.0
-30°	800.1	535.3	291.0	114.6	32.8	11.7	0.0
-32.5°	771.9	512.9	277.8	111.2	33.4	11.7	0.0
-35°	741.4	488.1	263.0	106.9	33.8	11.7	0.0
-37.5°	708.6	463.3	246.8	101.5	34.1	11.6	0.0
-40°	673.2	440.8	229.2	95.2	34.1	11.5	0.0
-42.5°	635.4	416.7	215.8	88.4	33.9	11.4	0.0
-45°	595.3	391.1	206.7	81.4	33.5	11.1	0.0
-47.5°	552.8	363.9	195.9	73.5	32.9	10.9	0.0
-50°	517.3	335.4	183.5	70.9	32.1	10.5	0.0
-52.5°	481.8	305.4	169.5	69.5	31.1	10.1	0.0
-55°	444.9	282.8	154.0	67.3	29.8	9.7	0.0
-57.5°	406.6	259.8	137.0	64.4	28.4	9.2	0.0
-60°	367.8	234.7	119.2	60.8	26.8	8.7	0.0
-62.5°	332.3	207.6	110.7	56.5	25.2	8.2	0.0
-65°	294.2	178.6	101.1	51.5	23.4	7.6	0.0
-67.5°	253.8	154.4	90.3	46.0	21.5	6.9	0.0
-70°	211.2	135.1	78.6	39.9	19.4	6.2	0.0
-72.5°	178.6	114.4	65.9	35.1	17.2	5.5	0.0
-75°	146.0	92.4	52.4	30.5	15.0	4.8	0.0
-77.5°	111.8	69.3	43.3	25.7	12.6	4.0	0.0
-80°	76.3	52.8	35.0	20.8	10.2	3.3	0.0
-82.5°	56.0	39.9	26.5	15.7	7.7	2.5	0.0
-85°	37.6	26.8	17.7	10.5	5.2	1.6	0.0
-87.5°	18.8	13.4	8.9	5.3	2.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)