

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: P645570 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6C-750-U-LAM-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645570 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/4/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6C-750-U-LAM-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

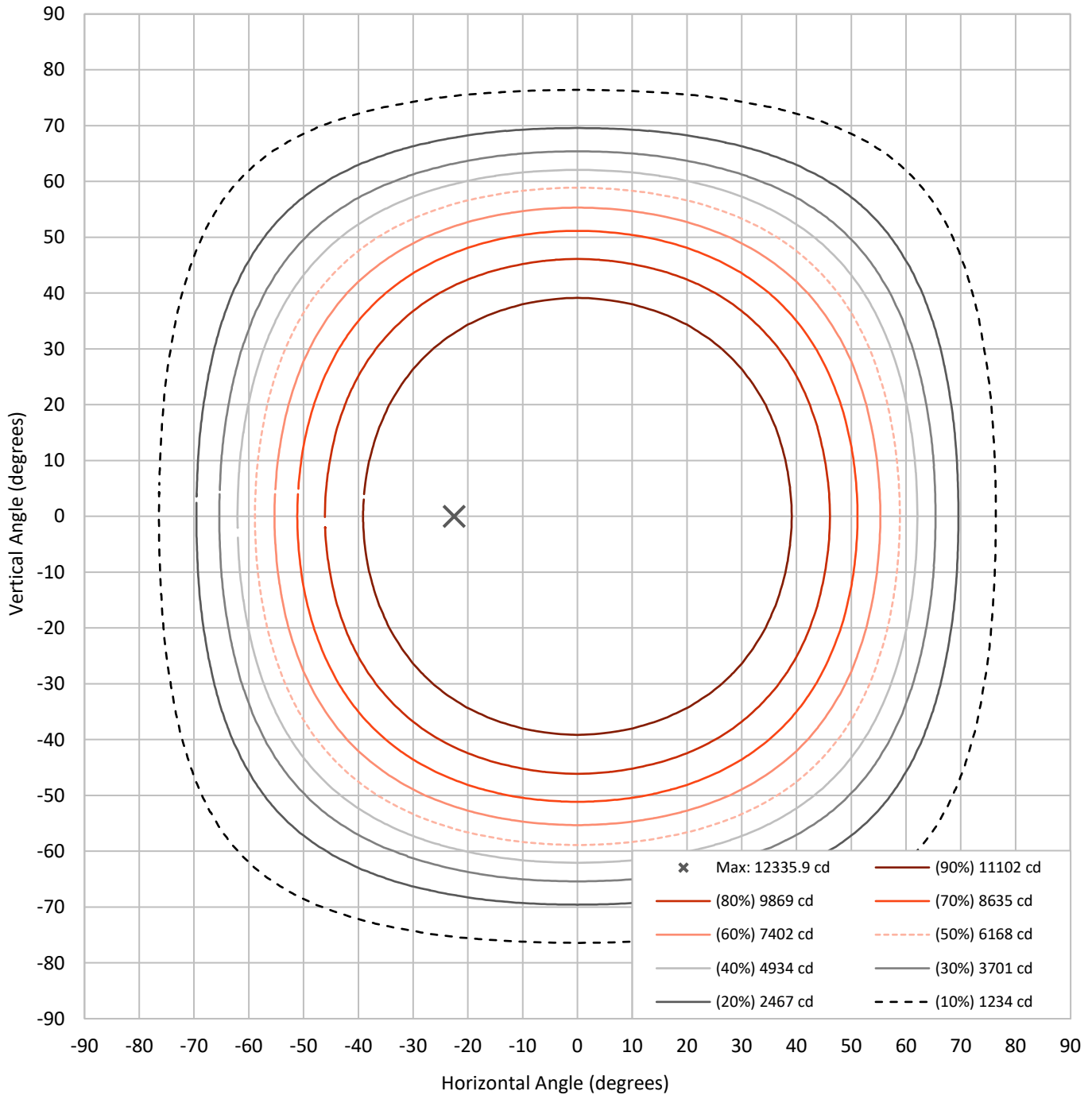
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	37736.3 lumens	Max Intensity:	12335.9 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	152.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	31404.9 lumens	Field Lumens:	36994.1 lumens
Beam Efficiency:	83.2%	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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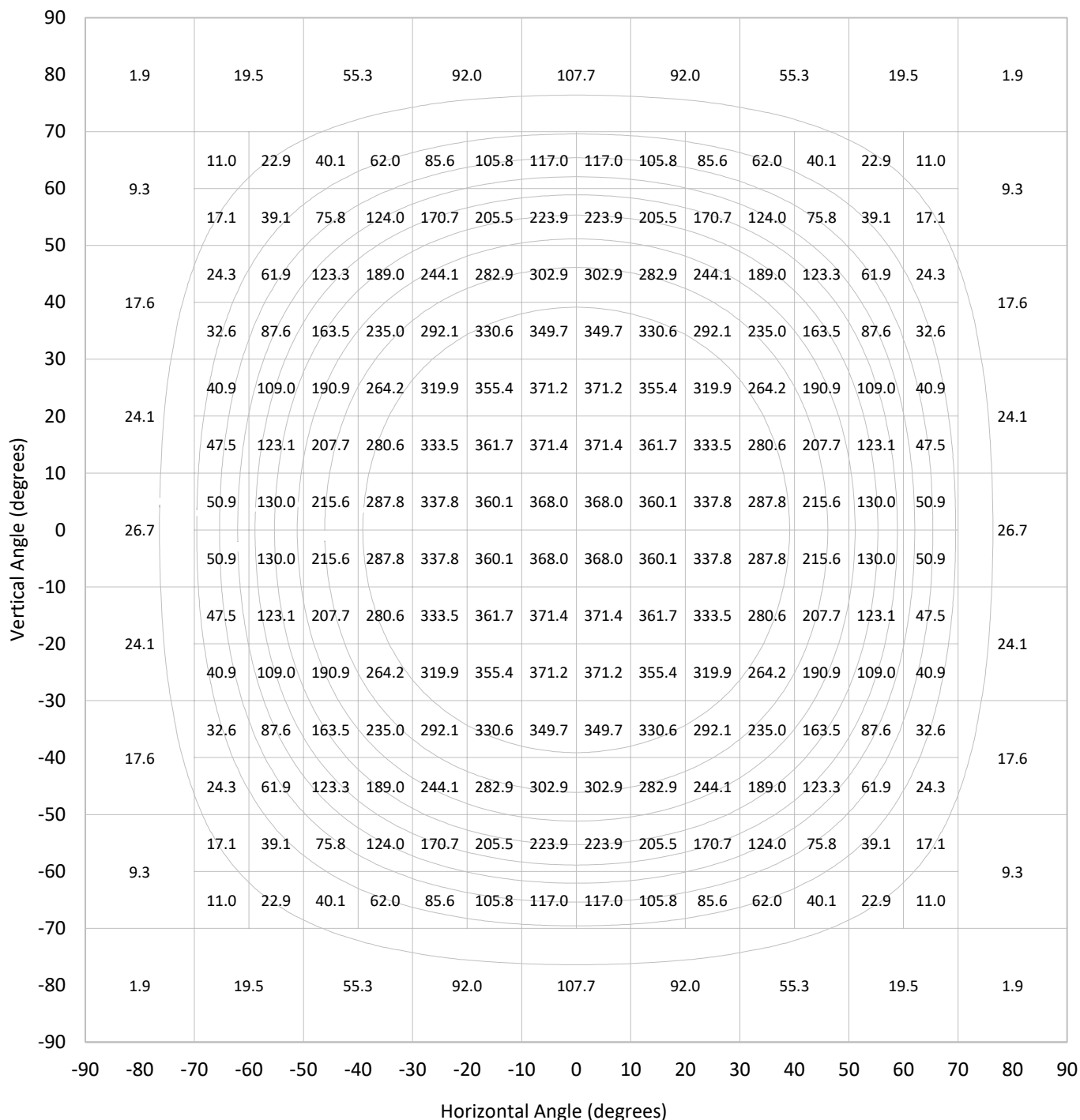
### Iso-Candela Plot





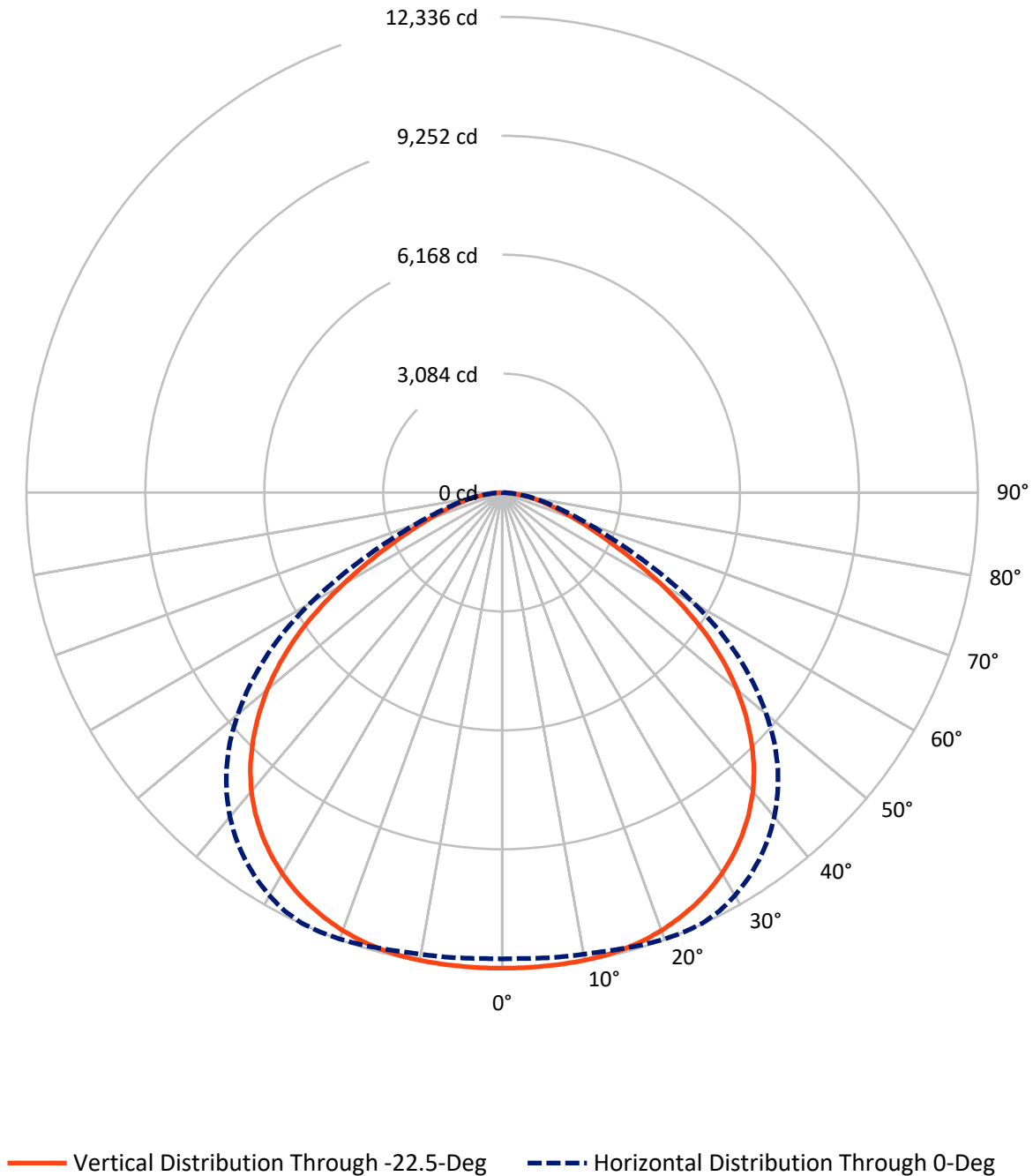
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### Lumen Table



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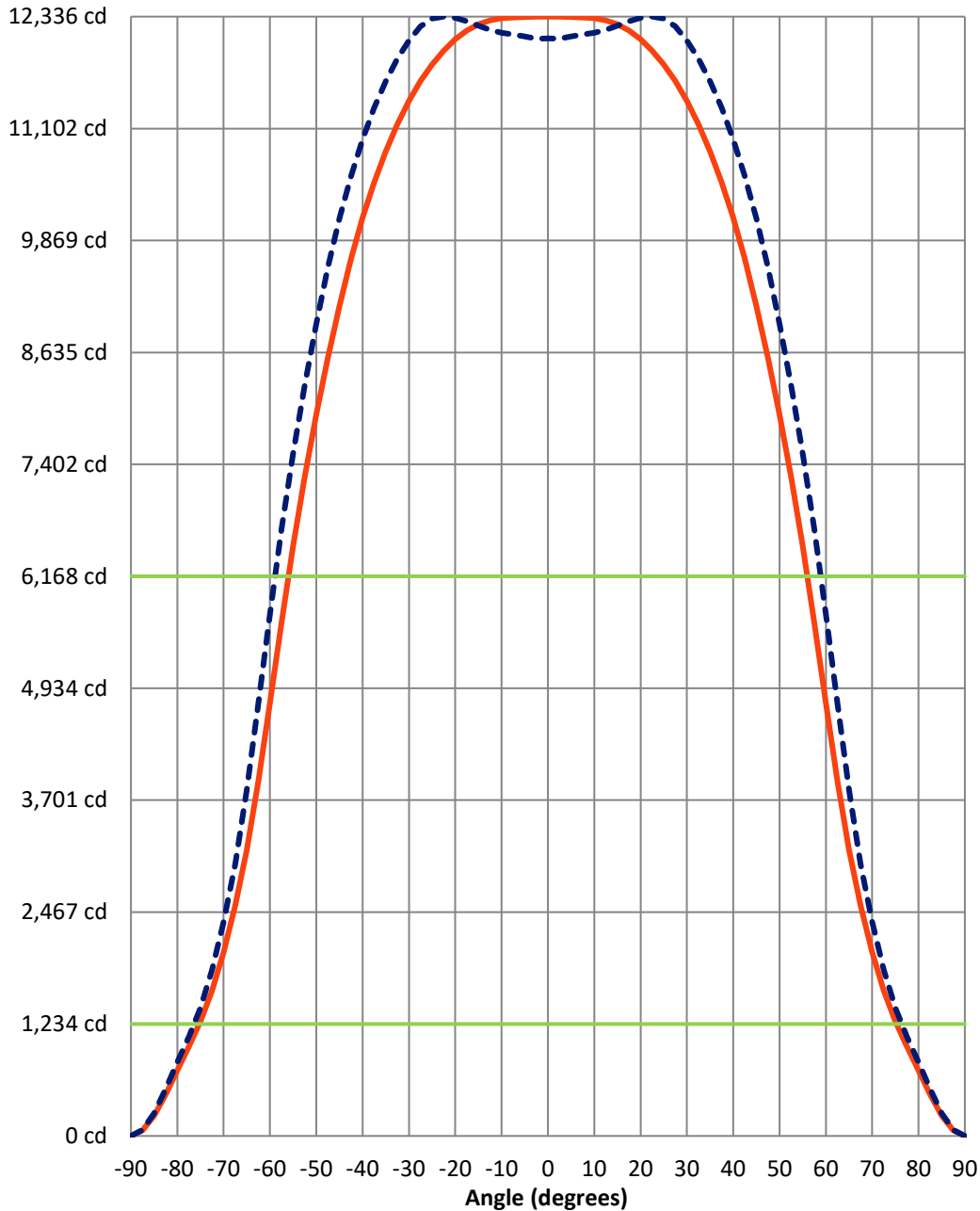
### Luminous Intensity Polar Plot





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### Luminous Intensity Plot



**Beam:**  
 H Angle: 117.8°  
 V Angle: 112°  
 Lumens: 31404.9  
 Efficiency: 83.2%

**Field:**  
 H Angle: 152.8°  
 V Angle: 150.5°  
 Lumens: 36994.1  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 742.2  
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg  
 - - Horizontal Distribution through 0-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	2.9	5.9	8.8	11.7	14.6	17.5	20.3	23.1	25.8	28.5
85°	0.0	5.9	11.8	17.6	23.4	29.2	34.9	40.5	46.1	51.6	57.0
82.5°	0.0	8.8	17.6	26.4	35.1	43.7	52.3	60.7	71.8	94.2	116.1
80°	0.0	11.7	23.4	35.1	46.7	58.2	73.1	103.7	133.9	163.7	192.9
77.5°	0.0	14.6	29.2	43.7	58.2	81.1	119.7	157.9	195.6	232.7	277.5
75°	0.0	17.5	34.9	52.3	73.1	119.7	165.9	211.6	259.4	324.2	387.8
72.5°	0.0	20.3	40.5	60.7	103.7	157.9	211.6	271.1	347.6	422.9	497.0
70°	0.0	23.1	46.1	71.8	133.9	195.6	259.4	347.6	434.7	520.7	613.7
67.5°	0.0	25.8	51.6	94.2	163.7	232.7	324.2	422.9	520.7	626.7	731.0
65°	0.0	28.5	57.0	116.1	192.9	277.5	387.8	497.0	613.7	731.0	844.9
62.5°	0.0	31.2	62.3	137.6	221.6	329.7	450.3	574.9	705.0	832.5	953.2
60°	0.0	33.7	67.4	158.7	249.6	380.7	511.4	653.3	794.4	928.3	1059.4
57.5°	0.0	36.3	81.0	179.2	288.8	430.4	576.4	729.9	878.7	1022.0	1172.8
55°	0.0	38.7	94.3	199.1	327.6	478.9	640.4	804.5	960.0	1116.1	1287.9
52.5°	0.0	41.1	107.2	218.5	365.2	526.7	702.5	874.0	1039.0	1217.0	1400.0
50°	0.0	43.4	119.7	237.3	401.6	576.8	762.7	941.0	1118.7	1314.9	1539.3
47.5°	0.0	45.6	131.8	257.3	436.7	625.2	820.4	1005.8	1202.7	1409.6	1677.8
45°	0.0	47.7	143.3	282.6	470.5	671.7	873.7	1068.1	1283.7	1528.8	1811.3
42.5°	0.0	49.8	154.4	306.8	502.9	716.3	924.9	1132.6	1361.5	1644.0	1968.7
40°	0.0	51.7	165.0	330.0	535.3	758.8	973.7	1197.4	1443.3	1754.3	2124.2
37.5°	0.0	53.5	175.0	351.9	567.5	799.3	1020.1	1259.1	1536.2	1867.0	2272.4
35°	0.0	55.3	184.5	372.7	598.1	836.3	1064.0	1317.4	1624.3	1992.8	2423.7
32.5°	0.0	56.9	193.4	392.2	626.7	870.7	1107.0	1372.4	1707.2	2111.5	2582.8
30°	0.0	58.5	201.7	410.4	653.5	902.7	1150.9	1427.6	1784.8	2222.6	2732.0
27.5°	0.0	59.9	209.4	427.3	678.4	932.5	1191.6	1490.3	1864.1	2326.0	2870.8
25°	0.0	61.2	216.5	442.8	701.3	959.9	1229.0	1548.1	1948.1	2433.7	3000.5
22.5°	0.0	62.4	223.0	456.9	722.1	984.8	1263.2	1600.8	2024.9	2538.1	3151.9
20°	0.0	63.4	228.8	469.7	740.9	1007.3	1294.0	1648.3	2094.1	2632.2	3288.6
17.5°	0.0	64.4	234.0	481.0	757.5	1027.3	1321.3	1690.5	2155.5	2715.9	3410.3
15°	0.0	65.2	238.5	490.8	772.0	1044.6	1345.1	1727.3	2209.1	2789.0	3516.4
12.5°	0.0	65.9	242.3	499.2	784.3	1059.4	1365.4	1758.5	2254.7	2851.1	3606.8
10°	0.0	66.5	245.4	506.0	794.4	1071.5	1382.0	1784.2	2292.2	2902.2	3681.1
7.5°	0.0	66.9	247.9	511.4	802.3	1081.0	1395.0	1804.2	2321.5	2942.1	3739.2
5°	0.0	67.2	249.6	515.2	808.0	1087.8	1404.3	1818.6	2342.4	2970.7	3780.7
2.5°	0.0	67.4	250.6	517.5	811.4	1091.8	1409.8	1827.2	2355.0	2987.9	3805.8
0°	0.0	67.5	251.0	518.3	812.5	1093.2	1411.7	1830.1	2359.2	2993.6	3814.1
-2.5°	0.0	67.4	250.6	517.5	811.4	1091.8	1409.8	1827.2	2355.0	2987.9	3805.8
-5°	0.0	67.2	249.6	515.2	808.0	1087.8	1404.3	1818.6	2342.4	2970.7	3780.7
-7.5°	0.0	66.9	247.9	511.4	802.3	1081.0	1395.0	1804.2	2321.5	2942.1	3739.2
-10°	0.0	66.5	245.4	506.0	794.4	1071.5	1382.0	1784.2	2292.2	2902.2	3681.1
-12.5°	0.0	65.9	242.3	499.2	784.3	1059.4	1365.4	1758.5	2254.7	2851.1	3606.8
-15°	0.0	65.2	238.5	490.8	772.0	1044.6	1345.1	1727.3	2209.1	2789.0	3516.4
-17.5°	0.0	64.4	234.0	481.0	757.5	1027.3	1321.3	1690.5	2155.5	2715.9	3410.3
-20°	0.0	63.4	228.8	469.7	740.9	1007.3	1294.0	1648.3	2094.1	2632.2	3288.6

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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	62.4	223.0	456.9	722.1	984.8	1263.2	1600.8	2024.9	2538.1	3151.9
-25°	0.0	61.2	216.5	442.8	701.3	959.9	1229.0	1548.1	1948.1	2433.7	3000.5
-27.5°	0.0	59.9	209.4	427.3	678.4	932.5	1191.6	1490.3	1864.1	2326.0	2870.8
-30°	0.0	58.5	201.7	410.4	653.5	902.7	1150.9	1427.6	1784.8	2222.6	2732.0
-32.5°	0.0	56.9	193.4	392.2	626.7	870.7	1107.0	1372.4	1707.2	2111.5	2582.8
-35°	0.0	55.3	184.5	372.7	598.1	836.3	1064.0	1317.4	1624.3	1992.8	2423.7
-37.5°	0.0	53.5	175.0	351.9	567.5	799.3	1020.1	1259.1	1536.2	1867.0	2272.4
-40°	0.0	51.7	165.0	330.0	535.3	758.8	973.7	1197.4	1443.3	1754.3	2124.2
-42.5°	0.0	49.8	154.4	306.8	502.9	716.3	924.9	1132.6	1361.5	1644.0	1968.7
-45°	0.0	47.7	143.3	282.6	470.5	671.7	873.7	1068.1	1283.7	1528.8	1811.3
-47.5°	0.0	45.6	131.8	257.3	436.7	625.2	820.4	1005.8	1202.7	1409.6	1677.8
-50°	0.0	43.4	119.7	237.3	401.6	576.8	762.7	941.0	1118.7	1314.9	1539.3
-52.5°	0.0	41.1	107.2	218.5	365.2	526.7	702.5	874.0	1039.0	1217.0	1400.0
-55°	0.0	38.7	94.3	199.1	327.6	478.9	640.4	804.5	960.0	1116.1	1287.9
-57.5°	0.0	36.3	81.0	179.2	288.8	430.4	576.4	729.9	878.7	1022.0	1172.8
-60°	0.0	33.7	67.4	158.7	249.6	380.7	511.4	653.3	794.4	928.3	1059.4
-62.5°	0.0	31.2	62.3	137.6	221.6	329.7	450.3	574.9	705.0	832.5	953.2
-65°	0.0	28.5	57.0	116.1	192.9	277.5	387.8	497.0	613.7	731.0	844.9
-67.5°	0.0	25.8	51.6	94.2	163.7	232.7	324.2	422.9	520.7	626.7	731.0
-70°	0.0	23.1	46.1	71.8	133.9	195.6	259.4	347.6	434.7	520.7	613.7
-72.5°	0.0	20.3	40.5	60.7	103.7	157.9	211.6	271.1	347.6	422.9	497.0
-75°	0.0	17.5	34.9	52.3	73.1	119.7	165.9	211.6	259.4	324.2	387.8
-77.5°	0.0	14.6	29.2	43.7	58.2	81.1	119.7	157.9	195.6	232.7	277.5
-80°	0.0	11.7	23.4	35.1	46.7	58.2	73.1	103.7	133.9	163.7	192.9
-82.5°	0.0	8.8	17.6	26.4	35.1	43.7	52.3	60.7	71.8	94.2	116.1
-85°	0.0	5.9	11.8	17.6	23.4	29.2	34.9	40.5	46.1	51.6	57.0
-87.5°	0.0	2.9	5.9	8.8	11.7	14.6	17.5	20.3	23.1	25.8	28.5
-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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**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°	31.2	33.7	36.3	38.7	41.1	43.4	45.6	47.7	49.8	51.7	53.5
85°	62.3	67.4	81.0	94.3	107.2	119.7	131.8	143.3	154.4	165.0	175.0
82.5°	137.6	158.7	179.2	199.1	218.5	237.3	257.3	282.6	306.8	330.0	351.9
80°	221.6	249.6	288.8	327.6	365.2	401.6	436.7	470.5	502.9	535.3	567.5
77.5°	329.7	380.7	430.4	478.9	526.7	576.8	625.2	671.7	716.3	758.8	799.3
75°	450.3	511.4	576.4	640.4	702.5	762.7	820.4	873.7	924.9	973.7	1020.1
72.5°	574.9	653.3	729.9	804.5	874.0	941.0	1005.8	1068.1	1132.6	1197.4	1259.1
70°	705.0	794.4	878.7	960.0	1039.0	1118.7	1202.7	1283.7	1361.5	1443.3	1536.2
67.5°	832.5	928.3	1022.0	1116.1	1217.0	1314.9	1409.6	1528.8	1644.0	1754.3	1867.0
65°	953.2	1059.4	1172.8	1287.9	1400.0	1539.3	1677.8	1811.3	1968.7	2124.2	2272.4
62.5°	1071.9	1201.3	1330.8	1471.6	1633.5	1790.9	1973.4	2159.6	2338.8	2540.6	2737.2
60°	1201.3	1345.1	1509.4	1690.5	1876.9	2094.1	2304.7	2538.1	2773.3	3000.5	3279.3
57.5°	1330.8	1509.4	1709.5	1925.3	2167.0	2411.1	2685.1	2950.3	3268.3	3586.0	3902.1
55°	1471.6	1690.5	1925.3	2191.5	2470.0	2774.0	3091.8	3462.1	3820.5	4219.9	4602.4
52.5°	1633.5	1876.9	2167.0	2470.0	2803.8	3169.4	3579.4	4003.4	4450.0	4883.7	5309.0
50°	1790.9	2094.1	2411.1	2774.0	3169.4	3618.7	4095.5	4589.4	5076.9	5552.6	5998.0
47.5°	1973.4	2304.7	2685.1	3091.8	3579.4	4095.5	4636.1	5174.3	5700.2	6188.0	6655.3
45°	2159.6	2538.1	2950.3	3462.1	4003.4	4589.4	5174.3	5749.6	6283.8	6787.9	7229.0
42.5°	2338.8	2773.3	3268.3	3820.5	4450.0	5076.9	5700.2	6283.8	6831.1	7316.6	7759.7
40°	2540.6	3000.5	3586.0	4219.9	4883.7	5552.6	6188.0	6787.9	7316.6	7800.0	8248.7
37.5°	2737.2	3279.3	3902.1	4602.4	5309.0	5998.0	6655.3	7229.0	7759.7	8248.7	8679.0
35°	2923.8	3544.4	4238.0	4973.1	5715.0	6415.4	7055.2	7639.2	8166.5	8641.1	9081.1
32.5°	3131.2	3795.0	4555.9	5329.3	6084.8	6798.0	7432.3	8003.6	8527.8	9009.7	9446.7
30°	3345.1	4065.2	4857.6	5664.7	6432.2	7129.8	7763.0	8341.5	8861.6	9337.6	9765.8
27.5°	3544.4	4320.2	5145.5	5968.2	6749.5	7440.9	8065.6	8635.2	9158.3	9637.4	10052.5
25°	3728.5	4555.9	5411.9	6246.0	7016.6	7709.7	8339.9	8909.2	9429.2	9889.1	10292.6
22.5°	3910.1	4771.9	5656.1	6500.9	7262.1	7949.9	8574.5	9145.2	9665.5	10121.1	10508.3
20°	4086.8	4973.1	5871.5	6727.0	7484.8	8168.2	8788.0	9357.6	9864.1	10305.2	10690.6
17.5°	4244.0	5152.3	6059.9	6909.5	7667.9	8354.6	8976.9	9548.4	10042.7	10471.2	10848.0
15°	4381.4	5309.0	6224.7	7069.4	7825.4	8509.4	9131.8	9697.0	10187.9	10612.9	10987.0
12.5°	4498.4	5442.6	6365.4	7205.8	7960.0	8641.9	9264.4	9821.8	10304.5	10724.0	11090.0
10°	4594.6	5552.6	6481.2	7318.4	8071.1	8751.4	9374.1	9925.1	10401.1	10816.2	11175.8
7.5°	4669.9	5638.5	6571.8	7406.4	8158.1	8837.2	9460.2	10006.3	10477.2	10888.9	11243.5
5°	4723.8	5700.2	6636.8	7469.6	8220.5	8898.8	9522.1	10064.7	10531.9	10941.4	11292.4
2.5°	4756.2	5737.2	6675.8	7507.6	8258.1	8935.9	9559.3	10099.9	10565.0	10973.0	11321.9
0°	4767.0	5749.6	6688.9	7520.3	8270.7	8948.3	9571.8	10111.7	10576.0	10983.6	11331.8
-2.5°	4756.2	5737.2	6675.8	7507.6	8258.1	8935.9	9559.3	10099.9	10565.0	10973.0	11321.9
-5°	4723.8	5700.2	6636.8	7469.6	8220.5	8898.8	9522.1	10064.7	10531.9	10941.4	11292.4
-7.5°	4669.9	5638.5	6571.8	7406.4	8158.1	8837.2	9460.2	10006.3	10477.2	10888.9	11243.5
-10°	4594.6	5552.6	6481.2	7318.4	8071.1	8751.4	9374.1	9925.1	10401.1	10816.2	11175.8
-12.5°	4498.4	5442.6	6365.4	7205.8	7960.0	8641.9	9264.4	9821.8	10304.5	10724.0	11090.0
-15°	4381.4	5309.0	6224.7	7069.4	7825.4	8509.4	9131.8	9697.0	10187.9	10612.9	10987.0
-17.5°	4244.0	5152.3	6059.9	6909.5	7667.9	8354.6	8976.9	9548.4	10042.7	10471.2	10848.0
-20°	4086.8	4973.1	5871.5	6727.0	7484.8	8168.2	8788.0	9357.6	9864.1	10305.2	10690.6



REPORT NUMBER: P645570 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	3910.1	4771.9	5656.1	6500.9	7262.1	7949.9	8574.5	9145.2	9665.5	10121.1	10508.3
-25°	3728.5	4555.9	5411.9	6246.0	7016.6	7709.7	8339.9	8909.2	9429.2	9889.1	10292.6
-27.5°	3544.4	4320.2	5145.5	5968.2	6749.5	7440.9	8065.6	8635.2	9158.3	9637.4	10052.5
-30°	3345.1	4065.2	4857.6	5664.7	6432.2	7129.8	7763.0	8341.5	8861.6	9337.6	9765.8
-32.5°	3131.2	3795.0	4555.9	5329.3	6084.8	6798.0	7432.3	8003.6	8527.8	9009.7	9446.7
-35°	2923.8	3544.4	4238.0	4973.1	5715.0	6415.4	7055.2	7639.2	8166.5	8641.1	9081.1
-37.5°	2737.2	3279.3	3902.1	4602.4	5309.0	5998.0	6655.3	7229.0	7759.7	8248.7	8679.0
-40°	2540.6	3000.5	3586.0	4219.9	4883.7	5552.6	6188.0	6787.9	7316.6	7800.0	8248.7
-42.5°	2338.8	2773.3	3268.3	3820.5	4450.0	5076.9	5700.2	6283.8	6831.1	7316.6	7759.7
-45°	2159.6	2538.1	2950.3	3462.1	4003.4	4589.4	5174.3	5749.6	6283.8	6787.9	7229.0
-47.5°	1973.4	2304.7	2685.1	3091.8	3579.4	4095.5	4636.1	5174.3	5700.2	6188.0	6655.3
-50°	1790.9	2094.1	2411.1	2774.0	3169.4	3618.7	4095.5	4589.4	5076.9	5552.6	5998.0
-52.5°	1633.5	1876.9	2167.0	2470.0	2803.8	3169.4	3579.4	4003.4	4450.0	4883.7	5309.0
-55°	1471.6	1690.5	1925.3	2191.5	2470.0	2774.0	3091.8	3462.1	3820.5	4219.9	4602.4
-57.5°	1330.8	1509.4	1709.5	1925.3	2167.0	2411.1	2685.1	2950.3	3268.3	3586.0	3902.1
-60°	1201.3	1345.1	1509.4	1690.5	1876.9	2094.1	2304.7	2538.1	2773.3	3000.5	3279.3
-62.5°	1071.9	1201.3	1330.8	1471.6	1633.5	1790.9	1973.4	2159.6	2338.8	2540.6	2737.2
-65°	953.2	1059.4	1172.8	1287.9	1400.0	1539.3	1677.8	1811.3	1968.7	2124.2	2272.4
-67.5°	832.5	928.3	1022.0	1116.1	1217.0	1314.9	1409.6	1528.8	1644.0	1754.3	1867.0
-70°	705.0	794.4	878.7	960.0	1039.0	1118.7	1202.7	1283.7	1361.5	1443.3	1536.2
-72.5°	574.9	653.3	729.9	804.5	874.0	941.0	1005.8	1068.1	1132.6	1197.4	1259.1
-75°	450.3	511.4	576.4	640.4	702.5	762.7	820.4	873.7	924.9	973.7	1020.1
-77.5°	329.7	380.7	430.4	478.9	526.7	576.8	625.2	671.7	716.3	758.8	799.3
-80°	221.6	249.6	288.8	327.6	365.2	401.6	436.7	470.5	502.9	535.3	567.5
-82.5°	137.6	158.7	179.2	199.1	218.5	237.3	257.3	282.6	306.8	330.0	351.9
-85°	62.3	67.4	81.0	94.3	107.2	119.7	131.8	143.3	154.4	165.0	175.0
-87.5°	31.2	33.7	36.3	38.7	41.1	43.4	45.6	47.7	49.8	51.7	53.5
-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: P645570 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-LAM-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°	55.3	56.9	58.5	59.9	61.2	62.4	63.4	64.4	65.2	65.9	66.5
85°	184.5	193.4	201.7	209.4	216.5	223.0	228.8	234.0	238.5	242.3	245.4
82.5°	372.7	392.2	410.4	427.3	442.8	456.9	469.7	481.0	490.8	499.2	506.0
80°	598.1	626.7	653.5	678.4	701.3	722.1	740.9	757.5	772.0	784.3	794.4
77.5°	836.3	870.7	902.7	932.5	959.9	984.8	1007.3	1027.3	1044.6	1059.4	1071.5
75°	1064.0	1107.0	1150.9	1191.6	1229.0	1263.2	1294.0	1321.3	1345.1	1365.4	1382.0
72.5°	1317.4	1372.4	1427.6	1490.3	1548.1	1600.8	1648.3	1690.5	1727.3	1758.5	1784.2
70°	1624.3	1707.2	1784.8	1864.1	1948.1	2024.9	2094.1	2155.5	2209.1	2254.7	2292.2
67.5°	1992.8	2111.5	2222.6	2326.0	2433.7	2538.1	2632.2	2715.9	2789.0	2851.1	2902.2
65°	2423.7	2582.8	2732.0	2870.8	3000.5	3151.9	3288.6	3410.3	3516.4	3606.8	3681.1
62.5°	2923.8	3131.2	3345.1	3544.4	3728.5	3910.1	4086.8	4244.0	4381.4	4498.4	4594.6
60°	3544.4	3795.0	4065.2	4320.2	4555.9	4771.9	4973.1	5152.3	5309.0	5442.6	5552.6
57.5°	4238.0	4555.9	4857.6	5145.5	5411.9	5656.1	5871.5	6059.9	6224.7	6365.4	6481.2
55°	4973.1	5329.3	5664.7	5968.2	6246.0	6500.9	6727.0	6909.5	7069.4	7205.8	7318.4
52.5°	5715.0	6084.8	6432.2	6749.5	7016.6	7262.1	7484.8	7667.9	7825.4	7960.0	8071.1
50°	6415.4	6798.0	7129.8	7440.9	7709.7	7949.9	8168.2	8354.6	8509.4	8641.9	8751.4
47.5°	7055.2	7432.3	7763.0	8065.6	8339.9	8574.5	8788.0	8976.9	9131.8	9264.4	9374.1
45°	7639.2	8003.6	8341.5	8635.2	8909.2	9145.2	9357.6	9548.4	9697.0	9821.8	9925.1
42.5°	8166.5	8527.8	8861.6	9158.3	9429.2	9665.5	9864.1	10042.7	10187.9	10304.5	10401.1
40°	8641.1	9009.7	9337.6	9637.4	9889.1	10121.1	10305.2	10471.2	10612.9	10724.0	10816.2
37.5°	9081.1	9446.7	9765.8	10052.5	10292.6	10508.3	10690.6	10848.0	10987.0	11090.0	11175.8
35°	9483.3	9830.7	10146.4	10409.2	10647.2	10850.3	11029.8	11175.0	11304.2	11402.3	11480.5
32.5°	9830.7	10175.1	10468.2	10726.9	10959.3	11148.9	11321.0	11454.0	11571.2	11665.7	11738.3
30°	10146.4	10468.2	10753.8	11010.1	11221.8	11406.4	11561.3	11691.3	11799.5	11889.6	11953.5
27.5°	10409.2	10726.9	11010.1	11246.3	11448.9	11626.7	11768.5	11893.5	11988.1	12071.0	12126.0
25°	10647.2	10959.3	11221.8	11448.9	11645.6	11807.8	11942.9	12056.2	12140.0	12211.0	12251.9
22.5°	10850.3	11148.9	11406.4	11626.7	11807.8	11959.5	12086.8	12182.7	12251.3	12294.2	12318.5
20°	11029.8	11321.0	11561.3	11768.5	11942.9	12086.8	12197.2	12268.1	12315.9	12327.7	12334.7
17.5°	11175.0	11454.0	11691.3	11893.5	12056.2	12182.7	12268.1	12318.2	12332.5	12329.9	12322.8
15°	11304.2	11571.2	11799.5	11988.1	12140.0	12251.3	12315.9	12332.5	12328.3	12313.8	12291.6
12.5°	11402.3	11665.7	11889.6	12071.0	12211.0	12294.2	12327.7	12329.9	12313.8	12286.2	12254.6
10°	11480.5	11738.3	11953.5	12126.0	12251.9	12318.5	12334.7	12322.8	12291.6	12254.6	12219.6
7.5°	11542.4	11796.0	12004.4	12169.9	12278.7	12325.9	12329.5	12307.2	12269.7	12227.7	12189.9
5°	11587.1	11837.8	12041.4	12201.9	12298.3	12331.4	12325.6	12294.9	12251.4	12207.6	12172.9
2.5°	11614.2	11863.1	12063.9	12221.4	12310.3	12334.8	12323.2	12287.2	12239.9	12194.7	12161.7
0°	11623.3	11871.6	12071.4	12227.9	12314.3	12335.9	12322.4	12284.6	12236.0	12190.2	12157.8
-2.5°	11614.2	11863.1	12063.9	12221.4	12310.3	12334.8	12323.2	12287.2	12239.9	12194.7	12161.7
-5°	11587.1	11837.8	12041.4	12201.9	12298.3	12331.4	12325.6	12294.9	12251.4	12207.6	12172.9
-7.5°	11542.4	11796.0	12004.4	12169.9	12278.7	12325.9	12329.5	12307.2	12269.7	12227.7	12189.9
-10°	11480.5	11738.3	11953.5	12126.0	12251.9	12318.5	12334.7	12322.8	12291.6	12254.6	12219.6
-12.5°	11402.3	11665.7	11889.6	12071.0	12211.0	12294.2	12327.7	12329.9	12313.8	12286.2	12254.6
-15°	11304.2	11571.2	11799.5	11988.1	12140.0	12251.3	12315.9	12332.5	12328.3	12313.8	12291.6
-17.5°	11175.0	11454.0	11691.3	11893.5	12056.2	12182.7	12268.1	12318.2	12332.5	12329.9	12322.8
-20°	11029.8	11321.0	11561.3	11768.5	11942.9	12086.8	12197.2	12268.1	12315.9	12327.7	12334.7



REPORT NUMBER: P645570 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	10850.3	11148.9	11406.4	11626.7	11807.8	11959.5	12086.8	12182.7	12251.3	12294.2	12318.5
-25°	10647.2	10959.3	11221.8	11448.9	11645.6	11807.8	11942.9	12056.2	12140.0	12211.0	12251.9
-27.5°	10409.2	10726.9	11010.1	11246.3	11448.9	11626.7	11768.5	11893.5	11988.1	12071.0	12126.0
-30°	10146.4	10468.2	10753.8	11010.1	11221.8	11406.4	11561.3	11691.3	11799.5	11889.6	11953.5
-32.5°	9830.7	10175.1	10468.2	10726.9	10959.3	11148.9	11321.0	11454.0	11571.2	11665.7	11738.3
-35°	9483.3	9830.7	10146.4	10409.2	10647.2	10850.3	11029.8	11175.0	11304.2	11402.3	11480.5
-37.5°	9081.1	9446.7	9765.8	10052.5	10292.6	10508.3	10690.6	10848.0	10987.0	11090.0	11175.8
-40°	8641.1	9009.7	9337.6	9637.4	9889.1	10121.1	10305.2	10471.2	10612.9	10724.0	10816.2
-42.5°	8166.5	8527.8	8861.6	9158.3	9429.2	9665.5	9864.1	10042.7	10187.9	10304.5	10401.1
-45°	7639.2	8003.6	8341.5	8635.2	8909.2	9145.2	9357.6	9548.4	9697.0	9821.8	9925.1
-47.5°	7055.2	7432.3	7763.0	8065.6	8339.9	8574.5	8788.0	8976.9	9131.8	9264.4	9374.1
-50°	6415.4	6798.0	7129.8	7440.9	7709.7	7949.9	8168.2	8354.6	8509.4	8641.9	8751.4
-52.5°	5715.0	6084.8	6432.2	6749.5	7016.6	7262.1	7484.8	7667.9	7825.4	7960.0	8071.1
-55°	4973.1	5329.3	5664.7	5968.2	6246.0	6500.9	6727.0	6909.5	7069.4	7205.8	7318.4
-57.5°	4238.0	4555.9	4857.6	5145.5	5411.9	5656.1	5871.5	6059.9	6224.7	6365.4	6481.2
-60°	3544.4	3795.0	4065.2	4320.2	4555.9	4771.9	4973.1	5152.3	5309.0	5442.6	5552.6
-62.5°	2923.8	3131.2	3345.1	3544.4	3728.5	3910.1	4086.8	4244.0	4381.4	4498.4	4594.6
-65°	2423.7	2582.8	2732.0	2870.8	3000.5	3151.9	3288.6	3410.3	3516.4	3606.8	3681.1
-67.5°	1992.8	2111.5	2222.6	2326.0	2433.7	2538.1	2632.2	2715.9	2789.0	2851.1	2902.2
-70°	1624.3	1707.2	1784.8	1864.1	1948.1	2024.9	2094.1	2155.5	2209.1	2254.7	2292.2
-72.5°	1317.4	1372.4	1427.6	1490.3	1548.1	1600.8	1648.3	1690.5	1727.3	1758.5	1784.2
-75°	1064.0	1107.0	1150.9	1191.6	1229.0	1263.2	1294.0	1321.3	1345.1	1365.4	1382.0
-77.5°	836.3	870.7	902.7	932.5	959.9	984.8	1007.3	1027.3	1044.6	1059.4	1071.5
-80°	598.1	626.7	653.5	678.4	701.3	722.1	740.9	757.5	772.0	784.3	794.4
-82.5°	372.7	392.2	410.4	427.3	442.8	456.9	469.7	481.0	490.8	499.2	506.0
-85°	184.5	193.4	201.7	209.4	216.5	223.0	228.8	234.0	238.5	242.3	245.4
-87.5°	55.3	56.9	58.5	59.9	61.2	62.4	63.4	64.4	65.2	65.9	66.5
-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: P645570 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-LAM-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°	66.9	67.2	67.4	67.5	67.4	67.2	66.9	66.5	65.9	65.2	64.4
85°	247.9	249.6	250.6	251.0	250.6	249.6	247.9	245.4	242.3	238.5	234.0
82.5°	511.4	515.2	517.5	518.3	517.5	515.2	511.4	506.0	499.2	490.8	481.0
80°	802.3	808.0	811.4	812.5	811.4	808.0	802.3	794.4	784.3	772.0	757.5
77.5°	1081.0	1087.8	1091.8	1093.2	1091.8	1087.8	1081.0	1071.5	1059.4	1044.6	1027.3
75°	1395.0	1404.3	1409.8	1411.7	1409.8	1404.3	1395.0	1382.0	1365.4	1345.1	1321.3
72.5°	1804.2	1818.6	1827.2	1830.1	1827.2	1818.6	1804.2	1784.2	1758.5	1727.3	1690.5
70°	2321.5	2342.4	2355.0	2359.2	2355.0	2342.4	2321.5	2292.2	2254.7	2209.1	2155.5
67.5°	2942.1	2970.7	2987.9	2993.6	2987.9	2970.7	2942.1	2902.2	2851.1	2789.0	2715.9
65°	3739.2	3780.7	3805.8	3814.1	3805.8	3780.7	3739.2	3681.1	3606.8	3516.4	3410.3
62.5°	4669.9	4723.8	4756.2	4767.0	4756.2	4723.8	4669.9	4594.6	4498.4	4381.4	4244.0
60°	5638.5	5700.2	5737.2	5749.6	5737.2	5700.2	5638.5	5552.6	5442.6	5309.0	5152.3
57.5°	6571.8	6636.8	6675.8	6688.9	6675.8	6636.8	6571.8	6481.2	6365.4	6224.7	6059.9
55°	7406.4	7469.6	7507.6	7520.3	7507.6	7469.6	7406.4	7318.4	7205.8	7069.4	6909.5
52.5°	8158.1	8220.5	8258.1	8270.7	8258.1	8220.5	8158.1	8071.1	7960.0	7825.4	7667.9
50°	8837.2	8898.8	8935.9	8948.3	8935.9	8898.8	8837.2	8751.4	8641.9	8509.4	8354.6
47.5°	9460.2	9522.1	9559.3	9571.8	9559.3	9522.1	9460.2	9374.1	9264.4	9131.8	8976.9
45°	10006.3	10064.7	10099.9	10111.7	10099.9	10064.7	10006.3	9925.1	9821.8	9697.0	9548.4
42.5°	10477.2	10531.9	10565.0	10576.0	10565.0	10531.9	10477.2	10401.1	10304.5	10187.9	10042.7
40°	10888.9	10941.4	10973.0	10983.6	10973.0	10941.4	10888.9	10816.2	10724.0	10612.9	10471.2
37.5°	11243.5	11292.4	11321.9	11331.8	11321.9	11292.4	11243.5	11175.8	11090.0	10987.0	10848.0
35°	11542.4	11587.1	11614.2	11623.3	11614.2	11587.1	11542.4	11480.5	11402.3	11304.2	11175.0
32.5°	11796.0	11837.8	11863.1	11871.6	11863.1	11837.8	11796.0	11738.3	11665.7	11571.2	11454.0
30°	12004.4	12041.4	12063.9	12071.4	12063.9	12041.4	12004.4	11953.5	11889.6	11799.5	11691.3
27.5°	12169.9	12201.9	12221.4	12227.9	12221.4	12201.9	12169.9	12126.0	12071.0	11988.1	11893.5
25°	12278.7	12298.3	12310.3	12314.3	12310.3	12298.3	12278.7	12251.9	12211.0	12140.0	12056.2
22.5°	12325.9	12331.4	12334.8	12335.9	12334.8	12331.4	12325.9	12318.5	12294.2	12251.3	12182.7
20°	12329.5	12325.6	12323.2	12322.4	12323.2	12325.6	12329.5	12334.7	12327.7	12315.9	12268.1
17.5°	12307.2	12294.9	12287.2	12284.6	12287.2	12294.9	12307.2	12322.8	12329.9	12332.5	12318.2
15°	12269.7	12251.4	12239.9	12236.0	12239.9	12251.4	12269.7	12291.6	12313.8	12328.3	12332.5
12.5°	12227.7	12207.6	12194.7	12190.2	12194.7	12207.6	12227.7	12254.6	12286.2	12313.8	12329.9
10°	12189.9	12172.9	12161.7	12157.8	12161.7	12172.9	12189.9	12219.6	12254.6	12291.6	12322.8
7.5°	12165.5	12150.3	12141.9	12138.9	12141.9	12150.3	12165.5	12189.9	12227.7	12269.7	12307.2
5°	12150.3	12135.2	12122.4	12117.3	12122.4	12135.2	12150.3	12172.9	12207.6	12251.4	12294.9
2.5°	12141.9	12122.4	12103.1	12093.0	12103.1	12122.4	12141.9	12161.7	12194.7	12239.9	12287.2
0°	12138.9	12117.3	12093.0	12095.7	12093.0	12117.3	12138.9	12157.8	12190.2	12236.0	12284.6
-2.5°	12141.9	12122.4	12103.1	12093.0	12103.1	12122.4	12141.9	12161.7	12194.7	12239.9	12287.2
-5°	12150.3	12135.2	12122.4	12117.3	12122.4	12135.2	12150.3	12172.9	12207.6	12251.4	12294.9
-7.5°	12165.5	12150.3	12141.9	12138.9	12141.9	12150.3	12165.5	12189.9	12227.7	12269.7	12307.2
-10°	12189.9	12172.9	12161.7	12157.8	12161.7	12172.9	12189.9	12219.6	12254.6	12291.6	12322.8
-12.5°	12227.7	12207.6	12194.7	12190.2	12194.7	12207.6	12227.7	12254.6	12286.2	12313.8	12329.9
-15°	12269.7	12251.4	12239.9	12236.0	12239.9	12251.4	12269.7	12291.6	12313.8	12328.3	12332.5
-17.5°	12307.2	12294.9	12287.2	12284.6	12287.2	12294.9	12307.2	12322.8	12329.9	12332.5	12318.2
-20°	12329.5	12325.6	12323.2	12322.4	12323.2	12325.6	12329.5	12334.7	12327.7	12315.9	12268.1



REPORT NUMBER: P645570 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12325.9	12331.4	12334.8	12335.9	12334.8	12331.4	12325.9	12318.5	12294.2	12251.3	12182.7
-25°	12278.7	12298.3	12310.3	12314.3	12310.3	12298.3	12278.7	12251.9	12211.0	12140.0	12056.2
-27.5°	12169.9	12201.9	12221.4	12227.9	12221.4	12201.9	12169.9	12126.0	12071.0	11988.1	11893.5
-30°	12004.4	12041.4	12063.9	12071.4	12063.9	12041.4	12004.4	11953.5	11889.6	11799.5	11691.3
-32.5°	11796.0	11837.8	11863.1	11871.6	11863.1	11837.8	11796.0	11738.3	11665.7	11571.2	11454.0
-35°	11542.4	11587.1	11614.2	11623.3	11614.2	11587.1	11542.4	11480.5	11402.3	11304.2	11175.0
-37.5°	11243.5	11292.4	11321.9	11331.8	11321.9	11292.4	11243.5	11175.8	11090.0	10987.0	10848.0
-40°	10888.9	10941.4	10973.0	10983.6	10973.0	10941.4	10888.9	10816.2	10724.0	10612.9	10471.2
-42.5°	10477.2	10531.9	10565.0	10576.0	10565.0	10531.9	10477.2	10401.1	10304.5	10187.9	10042.7
-45°	10006.3	10064.7	10099.9	10111.7	10099.9	10064.7	10006.3	9925.1	9821.8	9697.0	9548.4
-47.5°	9460.2	9522.1	9559.3	9571.8	9559.3	9522.1	9460.2	9374.1	9264.4	9131.8	8976.9
-50°	8837.2	8898.8	8935.9	8948.3	8935.9	8898.8	8837.2	8751.4	8641.9	8509.4	8354.6
-52.5°	8158.1	8220.5	8258.1	8270.7	8258.1	8220.5	8158.1	8071.1	7960.0	7825.4	7667.9
-55°	7406.4	7469.6	7507.6	7520.3	7507.6	7469.6	7406.4	7318.4	7205.8	7069.4	6909.5
-57.5°	6571.8	6636.8	6675.8	6688.9	6675.8	6636.8	6571.8	6481.2	6365.4	6224.7	6059.9
-60°	5638.5	5700.2	5737.2	5749.6	5737.2	5700.2	5638.5	5552.6	5442.6	5309.0	5152.3
-62.5°	4669.9	4723.8	4756.2	4767.0	4756.2	4723.8	4669.9	4594.6	4498.4	4381.4	4244.0
-65°	3739.2	3780.7	3805.8	3814.1	3805.8	3780.7	3739.2	3681.1	3606.8	3516.4	3410.3
-67.5°	2942.1	2970.7	2987.9	2993.6	2987.9	2970.7	2942.1	2902.2	2851.1	2789.0	2715.9
-70°	2321.5	2342.4	2355.0	2359.2	2355.0	2342.4	2321.5	2292.2	2254.7	2209.1	2155.5
-72.5°	1804.2	1818.6	1827.2	1830.1	1827.2	1818.6	1804.2	1784.2	1758.5	1727.3	1690.5
-75°	1395.0	1404.3	1409.8	1411.7	1409.8	1404.3	1395.0	1382.0	1365.4	1345.1	1321.3
-77.5°	1081.0	1087.8	1091.8	1093.2	1091.8	1087.8	1081.0	1071.5	1059.4	1044.6	1027.3
-80°	802.3	808.0	811.4	812.5	811.4	808.0	802.3	794.4	784.3	772.0	757.5
-82.5°	511.4	515.2	517.5	518.3	517.5	515.2	511.4	506.0	499.2	490.8	481.0
-85°	247.9	249.6	250.6	251.0	250.6	249.6	247.9	245.4	242.3	238.5	234.0
-87.5°	66.9	67.2	67.4	67.5	67.4	67.2	66.9	66.5	65.9	65.2	64.4
-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: P645570 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-LAM-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°	63.4	62.4	61.2	59.9	58.5	56.9	55.3	53.5	51.7	49.8	47.7
85°	228.8	223.0	216.5	209.4	201.7	193.4	184.5	175.0	165.0	154.4	143.3
82.5°	469.7	456.9	442.8	427.3	410.4	392.2	372.7	351.9	330.0	306.8	282.6
80°	740.9	722.1	701.3	678.4	653.5	626.7	598.1	567.5	535.3	502.9	470.5
77.5°	1007.3	984.8	959.9	932.5	902.7	870.7	836.3	799.3	758.8	716.3	671.7
75°	1294.0	1263.2	1229.0	1191.6	1150.9	1107.0	1064.0	1020.1	973.7	924.9	873.7
72.5°	1648.3	1600.8	1548.1	1490.3	1427.6	1372.4	1317.4	1259.1	1197.4	1132.6	1068.1
70°	2094.1	2024.9	1948.1	1864.1	1784.8	1707.2	1624.3	1536.2	1443.3	1361.5	1283.7
67.5°	2632.2	2538.1	2433.7	2326.0	2222.6	2111.5	1992.8	1867.0	1754.3	1644.0	1528.8
65°	3288.6	3151.9	3000.5	2870.8	2732.0	2582.8	2423.7	2272.4	2124.2	1968.7	1811.3
62.5°	4086.8	3910.1	3728.5	3544.4	3345.1	3131.2	2923.8	2737.2	2540.6	2338.8	2159.6
60°	4973.1	4771.9	4555.9	4320.2	4065.2	3795.0	3544.4	3279.3	3000.5	2773.3	2538.1
57.5°	5871.5	5656.1	5411.9	5145.5	4857.6	4555.9	4238.0	3902.1	3586.0	3268.3	2950.3
55°	6727.0	6500.9	6246.0	5968.2	5664.7	5329.3	4973.1	4602.4	4219.9	3820.5	3462.1
52.5°	7484.8	7262.1	7016.6	6749.5	6432.2	6084.8	5715.0	5309.0	4883.7	4450.0	4003.4
50°	8168.2	7949.9	7709.7	7440.9	7129.8	6798.0	6415.4	5998.0	5552.6	5076.9	4589.4
47.5°	8788.0	8574.5	8339.9	8065.6	7763.0	7432.3	7055.2	6655.3	6188.0	5700.2	5174.3
45°	9357.6	9145.2	8909.2	8635.2	8341.5	8003.6	7639.2	7229.0	6787.9	6283.8	5749.6
42.5°	9864.1	9665.5	9429.2	9158.3	8861.6	8527.8	8166.5	7759.7	7316.6	6831.1	6283.8
40°	10305.2	10121.1	9889.1	9637.4	9337.6	9009.7	8641.1	8248.7	7800.0	7316.6	6787.9
37.5°	10690.6	10508.3	10292.6	10052.5	9765.8	9446.7	9081.1	8679.0	8248.7	7759.7	7229.0
35°	11029.8	10850.3	10647.2	10409.2	10146.4	9830.7	9483.3	9081.1	8641.1	8166.5	7639.2
32.5°	11321.0	11148.9	10959.3	10726.9	10468.2	10175.1	9830.7	9446.7	9009.7	8527.8	8003.6
30°	11561.3	11406.4	11221.8	11010.1	10753.8	10468.2	10146.4	9765.8	9337.6	8861.6	8341.5
27.5°	11768.5	11626.7	11448.9	11246.3	11010.1	10726.9	10409.2	10052.5	9637.4	9158.3	8635.2
25°	11942.9	11807.8	11645.6	11448.9	11221.8	10959.3	10647.2	10292.6	9889.1	9429.2	8909.2
22.5°	12086.8	11959.5	11807.8	11626.7	11406.4	11148.9	10850.3	10508.3	10121.1	9665.5	9145.2
20°	12197.2	12086.8	11942.9	11768.5	11561.3	11321.0	11029.8	10690.6	10305.2	9864.1	9357.6
17.5°	12268.1	12182.7	12056.2	11893.5	11691.3	11454.0	11175.0	10848.0	10471.2	10042.7	9548.4
15°	12315.9	12251.3	12140.0	11988.1	11799.5	11571.2	11304.2	10987.0	10612.9	10187.9	9697.0
12.5°	12327.7	12294.2	12211.0	12071.0	11889.6	11665.7	11402.3	11090.0	10724.0	10304.5	9821.8
10°	12334.7	12318.5	12251.9	12126.0	11953.5	11738.3	11480.5	11175.8	10816.2	10401.1	9925.1
7.5°	12329.5	12325.9	12278.7	12169.9	12004.4	11796.0	11542.4	11243.5	10888.9	10477.2	10006.3
5°	12325.6	12331.4	12298.3	12201.9	12041.4	11837.8	11587.1	11292.4	10941.4	10531.9	10064.7
2.5°	12323.2	12334.8	12310.3	12221.4	12063.9	11863.1	11614.2	11321.9	10973.0	10565.0	10099.9
0°	12322.4	12335.9	12314.3	12227.9	12071.4	11871.6	11623.3	11331.8	10983.6	10576.0	10111.7
-2.5°	12323.2	12334.8	12310.3	12221.4	12063.9	11863.1	11614.2	11321.9	10973.0	10565.0	10099.9
-5°	12325.6	12331.4	12298.3	12201.9	12041.4	11837.8	11587.1	11292.4	10941.4	10531.9	10064.7
-7.5°	12329.5	12325.9	12278.7	12169.9	12004.4	11796.0	11542.4	11243.5	10888.9	10477.2	10006.3
-10°	12334.7	12318.5	12251.9	12126.0	11953.5	11738.3	11480.5	11175.8	10816.2	10401.1	9925.1
-12.5°	12327.7	12294.2	12211.0	12071.0	11889.6	11665.7	11402.3	11090.0	10724.0	10304.5	9821.8
-15°	12315.9	12251.3	12140.0	11988.1	11799.5	11571.2	11304.2	10987.0	10612.9	10187.9	9697.0
-17.5°	12268.1	12182.7	12056.2	11893.5	11691.3	11454.0	11175.0	10848.0	10471.2	10042.7	9548.4
-20°	12197.2	12086.8	11942.9	11768.5	11561.3	11321.0	11029.8	10690.6	10305.2	9864.1	9357.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645570 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6C-750-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12086.8	11959.5	11807.8	11626.7	11406.4	11148.9	10850.3	10508.3	10121.1	9665.5	9145.2
-25°	11942.9	11807.8	11645.6	11448.9	11221.8	10959.3	10647.2	10292.6	9889.1	9429.2	8909.2
-27.5°	11768.5	11626.7	11448.9	11246.3	11010.1	10726.9	10409.2	10052.5	9637.4	9158.3	8635.2
-30°	11561.3	11406.4	11221.8	11010.1	10753.8	10468.2	10146.4	9765.8	9337.6	8861.6	8341.5
-32.5°	11321.0	11148.9	10959.3	10726.9	10468.2	10175.1	9830.7	9446.7	9009.7	8527.8	8003.6
-35°	11029.8	10850.3	10647.2	10409.2	10146.4	9830.7	9483.3	9081.1	8641.1	8166.5	7639.2
-37.5°	10690.6	10508.3	10292.6	10052.5	9765.8	9446.7	9081.1	8679.0	8248.7	7759.7	7229.0
-40°	10305.2	10121.1	9889.1	9637.4	9337.6	9009.7	8641.1	8248.7	7800.0	7316.6	6787.9
-42.5°	9864.1	9665.5	9429.2	9158.3	8861.6	8527.8	8166.5	7759.7	7316.6	6831.1	6283.8
-45°	9357.6	9145.2	8909.2	8635.2	8341.5	8003.6	7639.2	7229.0	6787.9	6283.8	5749.6
-47.5°	8788.0	8574.5	8339.9	8065.6	7763.0	7432.3	7055.2	6655.3	6188.0	5700.2	5174.3
-50°	8168.2	7949.9	7709.7	7440.9	7129.8	6798.0	6415.4	5998.0	5552.6	5076.9	4589.4
-52.5°	7484.8	7262.1	7016.6	6749.5	6432.2	6084.8	5715.0	5309.0	4883.7	4450.0	4003.4
-55°	6727.0	6500.9	6246.0	5968.2	5664.7	5329.3	4973.1	4602.4	4219.9	3820.5	3462.1
-57.5°	5871.5	5656.1	5411.9	5145.5	4857.6	4555.9	4238.0	3902.1	3586.0	3268.3	2950.3
-60°	4973.1	4771.9	4555.9	4320.2	4065.2	3795.0	3544.4	3279.3	3000.5	2773.3	2538.1
-62.5°	4086.8	3910.1	3728.5	3544.4	3345.1	3131.2	2923.8	2737.2	2540.6	2338.8	2159.6
-65°	3288.6	3151.9	3000.5	2870.8	2732.0	2582.8	2423.7	2272.4	2124.2	1968.7	1811.3
-67.5°	2632.2	2538.1	2433.7	2326.0	2222.6	2111.5	1992.8	1867.0	1754.3	1644.0	1528.8
-70°	2094.1	2024.9	1948.1	1864.1	1784.8	1707.2	1624.3	1536.2	1443.3	1361.5	1283.7
-72.5°	1648.3	1600.8	1548.1	1490.3	1427.6	1372.4	1317.4	1259.1	1197.4	1132.6	1068.1
-75°	1294.0	1263.2	1229.0	1191.6	1150.9	1107.0	1064.0	1020.1	973.7	924.9	873.7
-77.5°	1007.3	984.8	959.9	932.5	902.7	870.7	836.3	799.3	758.8	716.3	671.7
-80°	740.9	722.1	701.3	678.4	653.5	626.7	598.1	567.5	535.3	502.9	470.5
-82.5°	469.7	456.9	442.8	427.3	410.4	392.2	372.7	351.9	330.0	306.8	282.6
-85°	228.8	223.0	216.5	209.4	201.7	193.4	184.5	175.0	165.0	154.4	143.3
-87.5°	63.4	62.4	61.2	59.9	58.5	56.9	55.3	53.5	51.7	49.8	47.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P645570 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-LAM-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°	45.6	43.4	41.1	38.7	36.3	33.7	31.2	28.5	25.8	23.1	20.3
85°	131.8	119.7	107.2	94.3	81.0	67.4	62.3	57.0	51.6	46.1	40.5
82.5°	257.3	237.3	218.5	199.1	179.2	158.7	137.6	116.1	94.2	71.8	60.7
80°	436.7	401.6	365.2	327.6	288.8	249.6	221.6	192.9	163.7	133.9	103.7
77.5°	625.2	576.8	526.7	478.9	430.4	380.7	329.7	277.5	232.7	195.6	157.9
75°	820.4	762.7	702.5	640.4	576.4	511.4	450.3	387.8	324.2	259.4	211.6
72.5°	1005.8	941.0	874.0	804.5	729.9	653.3	574.9	497.0	422.9	347.6	271.1
70°	1202.7	1118.7	1039.0	960.0	878.7	794.4	705.0	613.7	520.7	434.7	347.6
67.5°	1409.6	1314.9	1217.0	1116.1	1022.0	928.3	832.5	731.0	626.7	520.7	422.9
65°	1677.8	1539.3	1400.0	1287.9	1172.8	1059.4	953.2	844.9	731.0	613.7	497.0
62.5°	1973.4	1790.9	1633.5	1471.6	1330.8	1201.3	1071.9	953.2	832.5	705.0	574.9
60°	2304.7	2094.1	1876.9	1690.5	1509.4	1345.1	1201.3	1059.4	928.3	794.4	653.3
57.5°	2685.1	2411.1	2167.0	1925.3	1709.5	1509.4	1330.8	1172.8	1022.0	878.7	729.9
55°	3091.8	2774.0	2470.0	2191.5	1925.3	1690.5	1471.6	1287.9	1116.1	960.0	804.5
52.5°	3579.4	3169.4	2803.8	2470.0	2167.0	1876.9	1633.5	1400.0	1217.0	1039.0	874.0
50°	4095.5	3618.7	3169.4	2774.0	2411.1	2094.1	1790.9	1539.3	1314.9	1118.7	941.0
47.5°	4636.1	4095.5	3579.4	3091.8	2685.1	2304.7	1973.4	1677.8	1409.6	1202.7	1005.8
45°	5174.3	4589.4	4003.4	3462.1	2950.3	2538.1	2159.6	1811.3	1528.8	1283.7	1068.1
42.5°	5700.2	5076.9	4450.0	3820.5	3268.3	2773.3	2338.8	1968.7	1644.0	1361.5	1132.6
40°	6188.0	5552.6	4883.7	4219.9	3586.0	3000.5	2540.6	2124.2	1754.3	1443.3	1197.4
37.5°	6655.3	5998.0	5309.0	4602.4	3902.1	3279.3	2737.2	2272.4	1867.0	1536.2	1259.1
35°	7055.2	6415.4	5715.0	4973.1	4238.0	3544.4	2923.8	2423.7	1992.8	1624.3	1317.4
32.5°	7432.3	6798.0	6084.8	5329.3	4555.9	3795.0	3131.2	2582.8	2111.5	1707.2	1372.4
30°	7763.0	7129.8	6432.2	5664.7	4857.6	4065.2	3345.1	2732.0	2222.6	1784.8	1427.6
27.5°	8065.6	7440.9	6749.5	5968.2	5145.5	4320.2	3544.4	2870.8	2326.0	1864.1	1490.3
25°	8339.9	7709.7	7016.6	6246.0	5411.9	4555.9	3728.5	3000.5	2433.7	1948.1	1548.1
22.5°	8574.5	7949.9	7262.1	6500.9	5656.1	4771.9	3910.1	3151.9	2538.1	2024.9	1600.8
20°	8788.0	8168.2	7484.8	6727.0	5871.5	4973.1	4086.8	3288.6	2632.2	2094.1	1648.3
17.5°	8976.9	8354.6	7667.9	6909.5	6059.9	5152.3	4244.0	3410.3	2715.9	2155.5	1690.5
15°	9131.8	8509.4	7825.4	7069.4	6224.7	5309.0	4381.4	3516.4	2789.0	2209.1	1727.3
12.5°	9264.4	8641.9	7960.0	7205.8	6365.4	5442.6	4498.4	3606.8	2851.1	2254.7	1758.5
10°	9374.1	8751.4	8071.1	7318.4	6481.2	5552.6	4594.6	3681.1	2902.2	2292.2	1784.2
7.5°	9460.2	8837.2	8158.1	7406.4	6571.8	5638.5	4669.9	3739.2	2942.1	2321.5	1804.2
5°	9522.1	8898.8	8220.5	7469.6	6636.8	5700.2	4723.8	3780.7	2970.7	2342.4	1818.6
2.5°	9559.3	8935.9	8258.1	7507.6	6675.8	5737.2	4756.2	3805.8	2987.9	2355.0	1827.2
0°	9571.8	8948.3	8270.7	7520.3	6688.9	5749.6	4767.0	3814.1	2993.6	2359.2	1830.1
-2.5°	9559.3	8935.9	8258.1	7507.6	6675.8	5737.2	4756.2	3805.8	2987.9	2355.0	1827.2
-5°	9522.1	8898.8	8220.5	7469.6	6636.8	5700.2	4723.8	3780.7	2970.7	2342.4	1818.6
-7.5°	9460.2	8837.2	8158.1	7406.4	6571.8	5638.5	4669.9	3739.2	2942.1	2321.5	1804.2
-10°	9374.1	8751.4	8071.1	7318.4	6481.2	5552.6	4594.6	3681.1	2902.2	2292.2	1784.2
-12.5°	9264.4	8641.9	7960.0	7205.8	6365.4	5442.6	4498.4	3606.8	2851.1	2254.7	1758.5
-15°	9131.8	8509.4	7825.4	7069.4	6224.7	5309.0	4381.4	3516.4	2789.0	2209.1	1727.3
-17.5°	8976.9	8354.6	7667.9	6909.5	6059.9	5152.3	4244.0	3410.3	2715.9	2155.5	1690.5
-20°	8788.0	8168.2	7484.8	6727.0	5871.5	4973.1	4086.8	3288.6	2632.2	2094.1	1648.3



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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°	8574.5	7949.9	7262.1	6500.9	5656.1	4771.9	3910.1	3151.9	2538.1	2024.9	1600.8
-25°	8339.9	7709.7	7016.6	6246.0	5411.9	4555.9	3728.5	3000.5	2433.7	1948.1	1548.1
-27.5°	8065.6	7440.9	6749.5	5968.2	5145.5	4320.2	3544.4	2870.8	2326.0	1864.1	1490.3
-30°	7763.0	7129.8	6432.2	5664.7	4857.6	4065.2	3345.1	2732.0	2222.6	1784.8	1427.6
-32.5°	7432.3	6798.0	6084.8	5329.3	4555.9	3795.0	3131.2	2582.8	2111.5	1707.2	1372.4
-35°	7055.2	6415.4	5715.0	4973.1	4238.0	3544.4	2923.8	2423.7	1992.8	1624.3	1317.4
-37.5°	6655.3	5998.0	5309.0	4602.4	3902.1	3279.3	2737.2	2272.4	1867.0	1536.2	1259.1
-40°	6188.0	5552.6	4883.7	4219.9	3586.0	3000.5	2540.6	2124.2	1754.3	1443.3	1197.4
-42.5°	5700.2	5076.9	4450.0	3820.5	3268.3	2773.3	2338.8	1968.7	1644.0	1361.5	1132.6
-45°	5174.3	4589.4	4003.4	3462.1	2950.3	2538.1	2159.6	1811.3	1528.8	1283.7	1068.1
-47.5°	4636.1	4095.5	3579.4	3091.8	2685.1	2304.7	1973.4	1677.8	1409.6	1202.7	1005.8
-50°	4095.5	3618.7	3169.4	2774.0	2411.1	2094.1	1790.9	1539.3	1314.9	1118.7	941.0
-52.5°	3579.4	3169.4	2803.8	2470.0	2167.0	1876.9	1633.5	1400.0	1217.0	1039.0	874.0
-55°	3091.8	2774.0	2470.0	2191.5	1925.3	1690.5	1471.6	1287.9	1116.1	960.0	804.5
-57.5°	2685.1	2411.1	2167.0	1925.3	1709.5	1509.4	1330.8	1172.8	1022.0	878.7	729.9
-60°	2304.7	2094.1	1876.9	1690.5	1509.4	1345.1	1201.3	1059.4	928.3	794.4	653.3
-62.5°	1973.4	1790.9	1633.5	1471.6	1330.8	1201.3	1071.9	953.2	832.5	705.0	574.9
-65°	1677.8	1539.3	1400.0	1287.9	1172.8	1059.4	953.2	844.9	731.0	613.7	497.0
-67.5°	1409.6	1314.9	1217.0	1116.1	1022.0	928.3	832.5	731.0	626.7	520.7	422.9
-70°	1202.7	1118.7	1039.0	960.0	878.7	794.4	705.0	613.7	520.7	434.7	347.6
-72.5°	1005.8	941.0	874.0	804.5	729.9	653.3	574.9	497.0	422.9	347.6	271.1
-75°	820.4	762.7	702.5	640.4	576.4	511.4	450.3	387.8	324.2	259.4	211.6
-77.5°	625.2	576.8	526.7	478.9	430.4	380.7	329.7	277.5	232.7	195.6	157.9
-80°	436.7	401.6	365.2	327.6	288.8	249.6	221.6	192.9	163.7	133.9	103.7
-82.5°	257.3	237.3	218.5	199.1	179.2	158.7	137.6	116.1	94.2	71.8	60.7
-85°	131.8	119.7	107.2	94.3	81.0	67.4	62.3	57.0	51.6	46.1	40.5
-87.5°	45.6	43.4	41.1	38.7	36.3	33.7	31.2	28.5	25.8	23.1	20.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	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°	17.5	14.6	11.7	8.8	5.9	2.9	0.0
85°	34.9	29.2	23.4	17.6	11.8	5.9	0.0
82.5°	52.3	43.7	35.1	26.4	17.6	8.8	0.0
80°	73.1	58.2	46.7	35.1	23.4	11.7	0.0
77.5°	119.7	81.1	58.2	43.7	29.2	14.6	0.0
75°	165.9	119.7	73.1	52.3	34.9	17.5	0.0
72.5°	211.6	157.9	103.7	60.7	40.5	20.3	0.0
70°	259.4	195.6	133.9	71.8	46.1	23.1	0.0
67.5°	324.2	232.7	163.7	94.2	51.6	25.8	0.0
65°	387.8	277.5	192.9	116.1	57.0	28.5	0.0
62.5°	450.3	329.7	221.6	137.6	62.3	31.2	0.0
60°	511.4	380.7	249.6	158.7	67.4	33.7	0.0
57.5°	576.4	430.4	288.8	179.2	81.0	36.3	0.0
55°	640.4	478.9	327.6	199.1	94.3	38.7	0.0
52.5°	702.5	526.7	365.2	218.5	107.2	41.1	0.0
50°	762.7	576.8	401.6	237.3	119.7	43.4	0.0
47.5°	820.4	625.2	436.7	257.3	131.8	45.6	0.0
45°	873.7	671.7	470.5	282.6	143.3	47.7	0.0
42.5°	924.9	716.3	502.9	306.8	154.4	49.8	0.0
40°	973.7	758.8	535.3	330.0	165.0	51.7	0.0
37.5°	1020.1	799.3	567.5	351.9	175.0	53.5	0.0
35°	1064.0	836.3	598.1	372.7	184.5	55.3	0.0
32.5°	1107.0	870.7	626.7	392.2	193.4	56.9	0.0
30°	1150.9	902.7	653.5	410.4	201.7	58.5	0.0
27.5°	1191.6	932.5	678.4	427.3	209.4	59.9	0.0
25°	1229.0	959.9	701.3	442.8	216.5	61.2	0.0
22.5°	1263.2	984.8	722.1	456.9	223.0	62.4	0.0
20°	1294.0	1007.3	740.9	469.7	228.8	63.4	0.0
17.5°	1321.3	1027.3	757.5	481.0	234.0	64.4	0.0
15°	1345.1	1044.6	772.0	490.8	238.5	65.2	0.0
12.5°	1365.4	1059.4	784.3	499.2	242.3	65.9	0.0
10°	1382.0	1071.5	794.4	506.0	245.4	66.5	0.0
7.5°	1395.0	1081.0	802.3	511.4	247.9	66.9	0.0
5°	1404.3	1087.8	808.0	515.2	249.6	67.2	0.0
2.5°	1409.8	1091.8	811.4	517.5	250.6	67.4	0.0
0°	1411.7	1093.2	812.5	518.3	251.0	67.5	0.0
-2.5°	1409.8	1091.8	811.4	517.5	250.6	67.4	0.0
-5°	1404.3	1087.8	808.0	515.2	249.6	67.2	0.0
-7.5°	1395.0	1081.0	802.3	511.4	247.9	66.9	0.0
-10°	1382.0	1071.5	794.4	506.0	245.4	66.5	0.0
-12.5°	1365.4	1059.4	784.3	499.2	242.3	65.9	0.0
-15°	1345.1	1044.6	772.0	490.8	238.5	65.2	0.0
-17.5°	1321.3	1027.3	757.5	481.0	234.0	64.4	0.0
-20°	1294.0	1007.3	740.9	469.7	228.8	63.4	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1263.2	984.8	722.1	456.9	223.0	62.4	0.0
-25°	1229.0	959.9	701.3	442.8	216.5	61.2	0.0
-27.5°	1191.6	932.5	678.4	427.3	209.4	59.9	0.0
-30°	1150.9	902.7	653.5	410.4	201.7	58.5	0.0
-32.5°	1107.0	870.7	626.7	392.2	193.4	56.9	0.0
-35°	1064.0	836.3	598.1	372.7	184.5	55.3	0.0
-37.5°	1020.1	799.3	567.5	351.9	175.0	53.5	0.0
-40°	973.7	758.8	535.3	330.0	165.0	51.7	0.0
-42.5°	924.9	716.3	502.9	306.8	154.4	49.8	0.0
-45°	873.7	671.7	470.5	282.6	143.3	47.7	0.0
-47.5°	820.4	625.2	436.7	257.3	131.8	45.6	0.0
-50°	762.7	576.8	401.6	237.3	119.7	43.4	0.0
-52.5°	702.5	526.7	365.2	218.5	107.2	41.1	0.0
-55°	640.4	478.9	327.6	199.1	94.3	38.7	0.0
-57.5°	576.4	430.4	288.8	179.2	81.0	36.3	0.0
-60°	511.4	380.7	249.6	158.7	67.4	33.7	0.0
-62.5°	450.3	329.7	221.6	137.6	62.3	31.2	0.0
-65°	387.8	277.5	192.9	116.1	57.0	28.5	0.0
-67.5°	324.2	232.7	163.7	94.2	51.6	25.8	0.0
-70°	259.4	195.6	133.9	71.8	46.1	23.1	0.0
-72.5°	211.6	157.9	103.7	60.7	40.5	20.3	0.0
-75°	165.9	119.7	73.1	52.3	34.9	17.5	0.0
-77.5°	119.7	81.1	58.2	43.7	29.2	14.6	0.0
-80°	73.1	58.2	46.7	35.1	23.4	11.7	0.0
-82.5°	52.3	43.7	35.1	26.4	17.6	8.8	0.0
-85°	34.9	29.2	23.4	17.6	11.8	5.9	0.0
-87.5°	17.5	14.6	11.7	8.8	5.9	2.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)