

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: P645576 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6D-730-U-LAM-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645576 (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-SA6D-730-U-LAM-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, LAMBERTIAN  
Light Source: (96) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

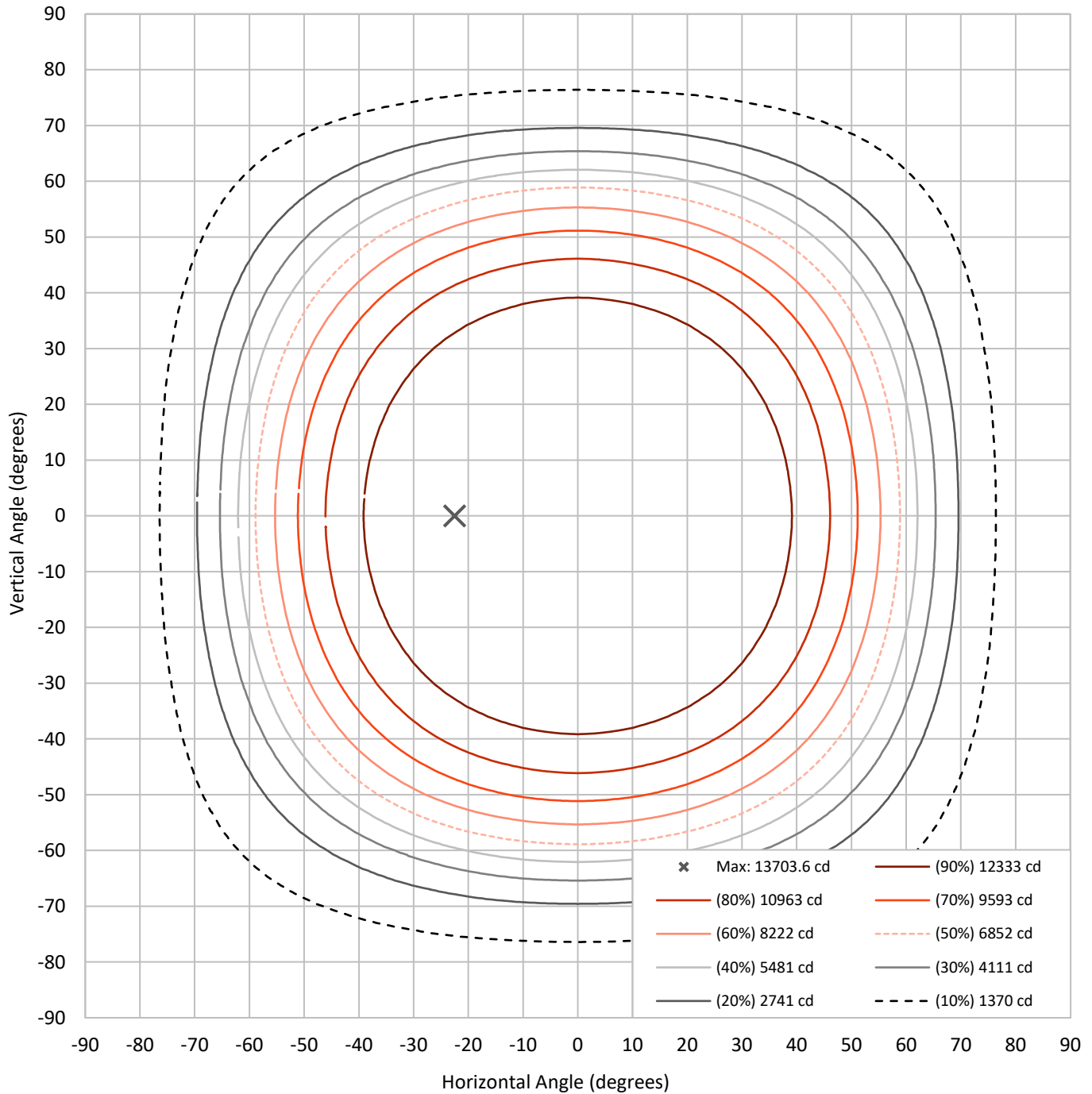
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	41920.1 lumens	Max Intensity:	13703.6 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	128.6 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:	34886.7 lumens	Field Lumens:	41095.7 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	325.9		
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





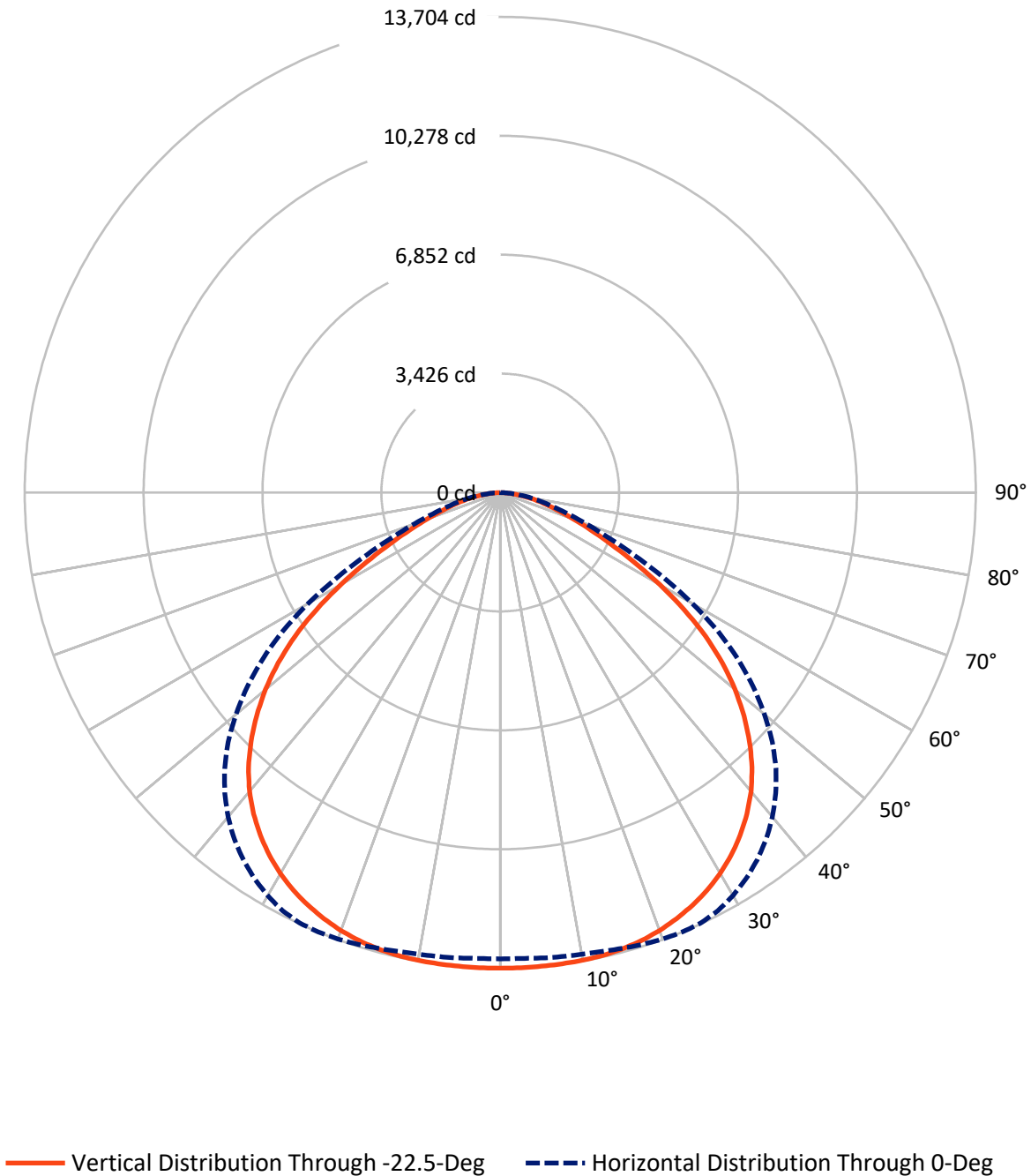
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### Lumen Table

90																			
80	2.1	21.7	61.4	102.2	119.6	102.2	61.4	21.7	2.1										
70																			
60	10.3	12.2	25.5	44.5	68.9	95.1	117.6	130.0	130.0	117.6	95.1	68.9	44.5	25.5	12.2				10.3
50																			
40	19.6	19.0	43.5	84.2	137.7	189.6	228.2	248.7	248.7	228.2	189.6	137.7	84.2	43.5	19.0				19.6
30																			
20	26.8	27.0	68.7	136.9	210.0	271.1	314.3	336.4	336.4	314.3	271.1	210.0	136.9	68.7	27.0				26.8
10																			
0	29.6	36.3	97.3	181.6	261.0	324.5	367.2	388.5	388.5	367.2	324.5	261.0	181.6	97.3	36.3				29.6
-10																			
-20	26.8	45.4	121.1	212.1	293.5	355.4	394.8	412.4	412.4	394.8	355.4	293.5	212.1	121.1	45.4				26.8
-30																			
-40	19.6	52.7	136.7	230.7	311.7	370.5	401.8	412.6	412.6	401.8	370.5	311.7	230.7	136.7	52.7				19.6
-50																			
-60	10.3	56.6	144.4	239.5	319.7	375.2	400.0	408.8	408.8	400.0	375.2	319.7	239.5	144.4	56.6				10.3
-70																			
-80	2.1	56.6	144.4	239.5	319.7	375.2	400.0	408.8	408.8	400.0	375.2	319.7	239.5	144.4	56.6				2.1
-90																			

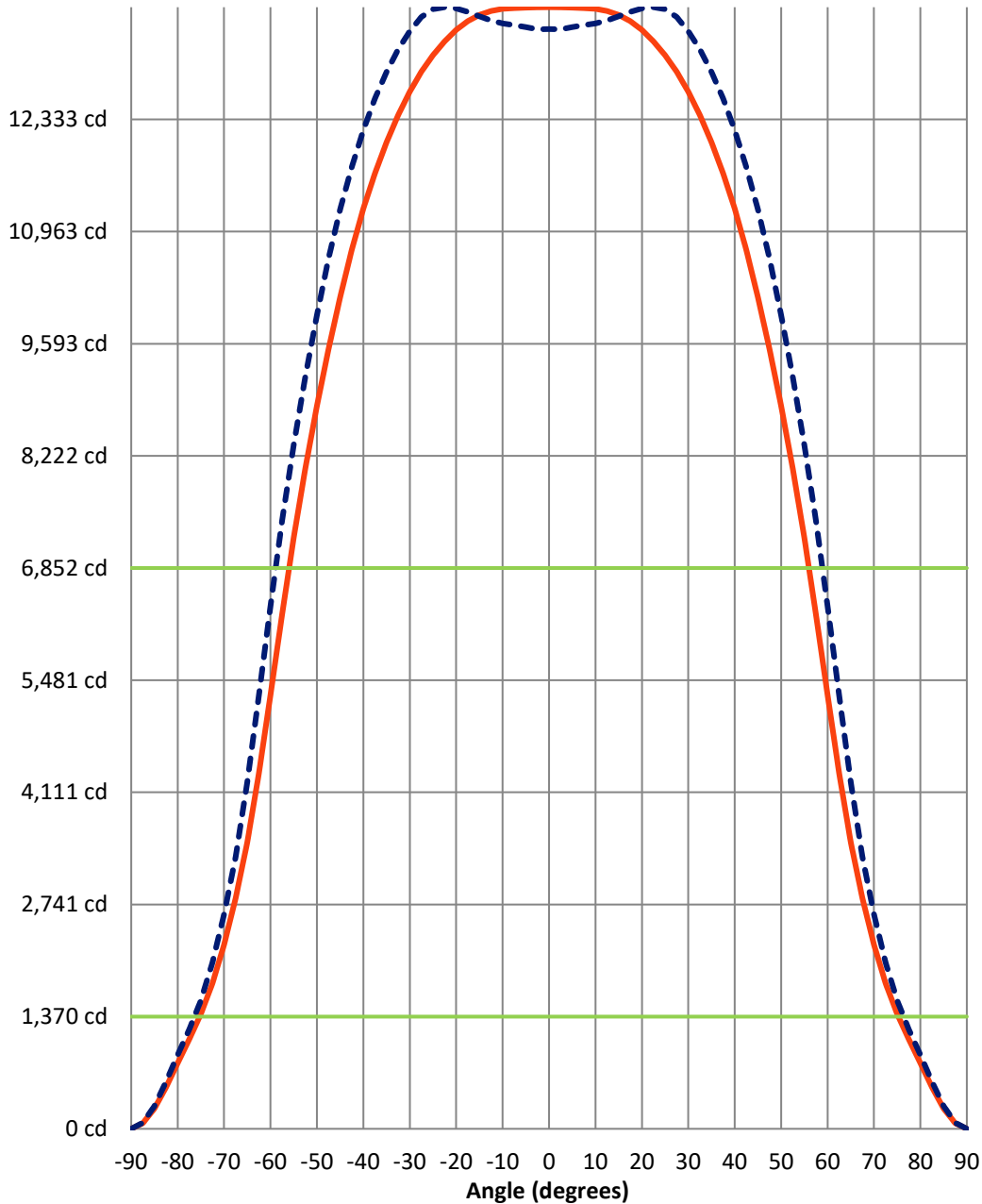
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 117.8°  
 V Angle: 112°  
 Lumens: 34886.7  
 Efficiency: 83.2%

**Field:**  
 H Angle: 152.8°  
 V Angle: 150.5°  
 Lumens: 41095.7  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 824.5  
 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	3.3	6.5	9.8	13.0	16.2	19.4	22.5	25.6	28.7	31.7
85°	0.0	6.5	13.1	19.6	26.0	32.4	38.8	45.1	51.2	57.3	63.3
82.5°	0.0	9.8	19.6	29.3	39.0	48.6	58.1	67.5	79.8	104.6	129.0
80°	0.0	13.0	26.0	39.0	51.8	64.6	81.2	115.2	148.8	181.9	214.3
77.5°	0.0	16.2	32.4	48.6	64.6	90.1	133.0	175.5	217.3	258.6	308.4
75°	0.0	19.4	38.8	58.1	81.2	133.0	184.4	235.2	288.2	360.1	430.8
72.5°	0.0	22.5	45.1	67.5	115.2	175.5	235.2	301.2	386.1	469.8	552.1
70°	0.0	25.6	51.2	79.8	148.8	217.3	288.2	386.1	482.8	578.4	681.7
67.5°	0.0	28.7	57.3	104.6	181.9	258.6	360.1	469.8	578.4	696.1	812.0
65°	0.0	31.7	63.3	129.0	214.3	308.4	430.8	552.1	681.7	812.0	938.6
62.5°	0.0	34.6	69.2	152.9	246.2	366.2	500.2	638.6	783.2	924.8	1058.9
60°	0.0	37.5	74.9	176.3	277.3	422.9	568.0	725.7	882.5	1031.2	1176.9
57.5°	0.0	40.3	90.0	199.1	320.9	478.1	640.2	810.8	976.1	1135.3	1302.8
55°	0.0	43.0	104.8	221.3	363.9	531.9	711.3	893.7	1066.4	1239.8	1430.8
52.5°	0.0	45.6	119.2	242.8	405.7	585.0	780.4	970.9	1154.2	1351.9	1555.3
50°	0.0	48.2	133.0	263.6	446.1	640.7	847.2	1045.4	1242.7	1460.7	1710.1
47.5°	0.0	50.7	146.4	285.9	485.1	694.5	911.4	1117.3	1336.1	1565.9	1863.9
45°	0.0	53.0	159.3	314.0	522.6	746.1	970.6	1186.5	1426.1	1698.4	2012.2
42.5°	0.0	55.3	171.6	340.9	558.6	795.7	1027.4	1258.2	1512.5	1826.4	2187.1
40°	0.0	57.4	183.3	366.6	594.6	843.0	1081.7	1330.2	1603.4	1948.8	2359.7
37.5°	0.0	59.5	194.5	391.0	630.4	887.9	1133.2	1398.7	1706.7	2074.0	2524.4
35°	0.0	61.4	205.0	414.0	664.3	929.1	1182.0	1463.6	1804.4	2213.8	2692.5
32.5°	0.0	63.2	214.9	435.6	696.2	967.2	1229.7	1524.6	1896.6	2345.6	2869.2
30°	0.0	64.9	224.2	455.9	726.0	1002.8	1278.5	1585.9	1982.8	2469.1	3034.8
27.5°	0.0	66.5	232.7	474.6	753.6	1035.9	1323.7	1655.6	2070.8	2583.9	3189.0
25°	0.0	68.0	240.6	491.9	779.0	1066.3	1365.3	1719.8	2164.2	2703.5	3333.1
22.5°	0.0	69.3	247.8	507.6	802.2	1094.0	1403.3	1778.4	2249.4	2819.4	3501.3
20°	0.0	70.5	254.2	521.7	823.0	1119.0	1437.5	1831.1	2326.3	2924.0	3653.2
17.5°	0.0	71.5	260.0	534.3	841.5	1141.2	1467.9	1878.0	2394.6	3017.0	3788.3
15°	0.0	72.4	265.0	545.2	857.6	1160.5	1494.3	1918.8	2454.1	3098.1	3906.2
12.5°	0.0	73.2	269.2	554.5	871.3	1176.9	1516.8	1953.6	2504.8	3167.2	4006.7
10°	0.0	73.9	272.7	562.1	882.5	1190.3	1535.3	1982.1	2546.4	3223.9	4089.2
7.5°	0.0	74.4	275.4	568.0	891.3	1200.8	1549.7	2004.4	2578.9	3268.2	4153.7
5°	0.0	74.7	277.3	572.3	897.6	1208.4	1560.0	2020.3	2602.1	3300.0	4199.9
2.5°	0.0	74.9	278.5	574.8	901.3	1212.9	1566.2	2029.9	2616.1	3319.0	4227.7
0°	0.0	75.0	278.9	575.7	902.6	1214.4	1568.3	2033.1	2620.8	3325.4	4237.0
-2.5°	0.0	74.9	278.5	574.8	901.3	1212.9	1566.2	2029.9	2616.1	3319.0	4227.7
-5°	0.0	74.7	277.3	572.3	897.6	1208.4	1560.0	2020.3	2602.1	3300.0	4199.9
-7.5°	0.0	74.4	275.4	568.0	891.3	1200.8	1549.7	2004.4	2578.9	3268.2	4153.7
-10°	0.0	73.9	272.7	562.1	882.5	1190.3	1535.3	1982.1	2546.4	3223.9	4089.2
-12.5°	0.0	73.2	269.2	554.5	871.3	1176.9	1516.8	1953.6	2504.8	3167.2	4006.7
-15°	0.0	72.4	265.0	545.2	857.6	1160.5	1494.3	1918.8	2454.1	3098.1	3906.2
-17.5°	0.0	71.5	260.0	534.3	841.5	1141.2	1467.9	1878.0	2394.6	3017.0	3788.3
-20°	0.0	70.5	254.2	521.7	823.0	1119.0	1437.5	1831.1	2326.3	2924.0	3653.2

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	69.3	247.8	507.6	802.2	1094.0	1403.3	1778.4	2249.4	2819.4	3501.3
-25°	0.0	68.0	240.6	491.9	779.0	1066.3	1365.3	1719.8	2164.2	2703.5	3333.1
-27.5°	0.0	66.5	232.7	474.6	753.6	1035.9	1323.7	1655.6	2070.8	2583.9	3189.0
-30°	0.0	64.9	224.2	455.9	726.0	1002.8	1278.5	1585.9	1982.8	2469.1	3034.8
-32.5°	0.0	63.2	214.9	435.6	696.2	967.2	1229.7	1524.6	1896.6	2345.6	2869.2
-35°	0.0	61.4	205.0	414.0	664.3	929.1	1182.0	1463.6	1804.4	2213.8	2692.5
-37.5°	0.0	59.5	194.5	391.0	630.4	887.9	1133.2	1398.7	1706.7	2074.0	2524.4
-40°	0.0	57.4	183.3	366.6	594.6	843.0	1081.7	1330.2	1603.4	1948.8	2359.7
-42.5°	0.0	55.3	171.6	340.9	558.6	795.7	1027.4	1258.2	1512.5	1826.4	2187.1
-45°	0.0	53.0	159.3	314.0	522.6	746.1	970.6	1186.5	1426.1	1698.4	2012.2
-47.5°	0.0	50.7	146.4	285.9	485.1	694.5	911.4	1117.3	1336.1	1565.9	1863.9
-50°	0.0	48.2	133.0	263.6	446.1	640.7	847.2	1045.4	1242.7	1460.7	1710.1
-52.5°	0.0	45.6	119.2	242.8	405.7	585.0	780.4	970.9	1154.2	1351.9	1555.3
-55°	0.0	43.0	104.8	221.3	363.9	531.9	711.3	893.7	1066.4	1239.8	1430.8
-57.5°	0.0	40.3	90.0	199.1	320.9	478.1	640.2	810.8	976.1	1135.3	1302.8
-60°	0.0	37.5	74.9	176.3	277.3	422.9	568.0	725.7	882.5	1031.2	1176.9
-62.5°	0.0	34.6	69.2	152.9	246.2	366.2	500.2	638.6	783.2	924.8	1058.9
-65°	0.0	31.7	63.3	129.0	214.3	308.4	430.8	552.1	681.7	812.0	938.6
-67.5°	0.0	28.7	57.3	104.6	181.9	258.6	360.1	469.8	578.4	696.1	812.0
-70°	0.0	25.6	51.2	79.8	148.8	217.3	288.2	386.1	482.8	578.4	681.7
-72.5°	0.0	22.5	45.1	67.5	115.2	175.5	235.2	301.2	386.1	469.8	552.1
-75°	0.0	19.4	38.8	58.1	81.2	133.0	184.4	235.2	288.2	360.1	430.8
-77.5°	0.0	16.2	32.4	48.6	64.6	90.1	133.0	175.5	217.3	258.6	308.4
-80°	0.0	13.0	26.0	39.0	51.8	64.6	81.2	115.2	148.8	181.9	214.3
-82.5°	0.0	9.8	19.6	29.3	39.0	48.6	58.1	67.5	79.8	104.6	129.0
-85°	0.0	6.5	13.1	19.6	26.0	32.4	38.8	45.1	51.2	57.3	63.3
-87.5°	0.0	3.3	6.5	9.8	13.0	16.2	19.4	22.5	25.6	28.7	31.7
-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):**

	-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°	34.6	37.5	40.3	43.0	45.6	48.2	50.7	53.0	55.3	57.4	59.5
85°	69.2	74.9	90.0	104.8	119.2	133.0	146.4	159.3	171.6	183.3	194.5
82.5°	152.9	176.3	199.1	221.3	242.8	263.6	285.9	314.0	340.9	366.6	391.0
80°	246.2	277.3	320.9	363.9	405.7	446.1	485.1	522.6	558.6	594.6	630.4
77.5°	366.2	422.9	478.1	531.9	585.0	640.7	694.5	746.1	795.7	843.0	887.9
75°	500.2	568.0	640.2	711.3	780.4	847.2	911.4	970.6	1027.4	1081.7	1133.2
72.5°	638.6	725.7	810.8	893.7	970.9	1045.4	1117.3	1186.5	1258.2	1330.2	1398.7
70°	783.2	882.5	976.1	1066.4	1154.2	1242.7	1336.1	1426.1	1512.5	1603.4	1706.7
67.5°	924.8	1031.2	1135.3	1239.8	1351.9	1460.7	1565.9	1698.4	1826.4	1948.8	2074.0
65°	1058.9	1176.9	1302.8	1430.8	1555.3	1710.1	1863.9	2012.2	2187.1	2359.7	2524.4
62.5°	1190.8	1334.5	1478.4	1634.8	1814.7	1989.6	2192.2	2399.1	2598.1	2822.3	3040.6
60°	1334.5	1494.3	1676.9	1878.0	2085.0	2326.3	2560.3	2819.4	3080.7	3333.1	3642.9
57.5°	1478.4	1676.9	1899.2	2138.8	2407.4	2678.4	2982.7	3277.3	3630.6	3983.6	4334.8
55°	1634.8	1878.0	2138.8	2434.5	2743.9	3081.5	3434.5	3845.9	4244.1	4687.8	5112.6
52.5°	1814.7	2085.0	2407.4	2743.9	3114.6	3520.7	3976.2	4447.3	4943.4	5425.1	5897.6
50°	1989.6	2326.3	2678.4	3081.5	3520.7	4019.9	4549.6	5098.2	5639.8	6168.1	6662.9
47.5°	2192.2	2560.3	2982.7	3434.5	3976.2	4549.6	5150.1	5747.9	6332.1	6874.0	7393.1
45°	2399.1	2819.4	3277.3	3845.9	4447.3	5098.2	5747.9	6387.0	6980.4	7540.5	8030.5
42.5°	2598.1	3080.7	3630.6	4244.1	4943.4	5639.8	6332.1	6980.4	7588.4	8127.8	8620.0
40°	2822.3	3333.1	3983.6	4687.8	5425.1	6168.1	6874.0	7540.5	8127.8	8664.9	9163.2
37.5°	3040.6	3642.9	4334.8	5112.6	5897.6	6662.9	7393.1	8030.5	8620.0	9163.2	9641.3
35°	3247.9	3937.3	4707.9	5524.4	6348.5	7126.6	7837.4	8486.2	9071.9	9599.1	10087.9
32.5°	3478.3	4215.7	5061.0	5920.1	6759.4	7551.7	8256.3	8891.0	9473.3	10008.6	10494.0
30°	3715.9	4516.0	5396.2	6292.7	7145.3	7920.3	8623.7	9266.4	9844.1	10372.8	10848.5
27.5°	3937.3	4799.2	5715.9	6629.9	7497.8	8265.9	8959.8	9592.6	10173.6	10705.9	11167.0
25°	4141.9	5061.0	6011.9	6938.5	7794.6	8564.5	9264.6	9897.0	10474.6	10985.5	11433.7
22.5°	4343.7	5300.9	6283.1	7221.7	8067.2	8831.3	9525.2	10159.1	10737.1	11243.3	11673.3
20°	4539.9	5524.4	6522.4	7472.8	8314.6	9073.8	9762.4	10395.1	10957.7	11447.7	11875.8
17.5°	4714.6	5723.6	6731.7	7675.6	8518.1	9280.9	9972.2	10607.0	11156.2	11632.1	12050.7
15°	4867.1	5897.6	6914.9	7853.2	8693.0	9452.9	10144.2	10772.0	11317.5	11789.5	12205.1
12.5°	4997.1	6046.0	7071.1	8004.8	8842.6	9600.1	10291.6	10910.7	11446.9	11912.9	12319.5
10°	5104.0	6168.1	7199.7	8129.8	8966.0	9721.7	10413.4	11025.5	11554.3	12015.4	12414.8
7.5°	5187.6	6263.6	7300.4	8227.6	9062.6	9816.9	10509.0	11115.7	11638.7	12096.1	12490.0
5°	5247.5	6332.1	7372.6	8297.8	9132.0	9885.4	10577.7	11180.6	11699.5	12154.4	12544.3
2.5°	5283.5	6373.3	7416.0	8340.0	9173.8	9926.6	10619.2	11219.7	11736.2	12189.5	12577.1
0°	5295.5	6387.0	7430.5	8354.1	9187.7	9940.4	10633.0	11232.8	11748.5	12201.3	12588.1
-2.5°	5283.5	6373.3	7416.0	8340.0	9173.8	9926.6	10619.2	11219.7	11736.2	12189.5	12577.1
-5°	5247.5	6332.1	7372.6	8297.8	9132.0	9885.4	10577.7	11180.6	11699.5	12154.4	12544.3
-7.5°	5187.6	6263.6	7300.4	8227.6	9062.6	9816.9	10509.0	11115.7	11638.7	12096.1	12490.0
-10°	5104.0	6168.1	7199.7	8129.8	8966.0	9721.7	10413.4	11025.5	11554.3	12015.4	12414.8
-12.5°	4997.1	6046.0	7071.1	8004.8	8842.6	9600.1	10291.6	10910.7	11446.9	11912.9	12319.5
-15°	4867.1	5897.6	6914.9	7853.2	8693.0	9452.9	10144.2	10772.0	11317.5	11789.5	12205.1
-17.5°	4714.6	5723.6	6731.7	7675.6	8518.1	9280.9	9972.2	10607.0	11156.2	11632.1	12050.7
-20°	4539.9	5524.4	6522.4	7472.8	8314.6	9073.8	9762.4	10395.1	10957.7	11447.7	11875.8



REPORT NUMBER: P645576 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-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°	4343.7	5300.9	6283.1	7221.7	8067.2	8831.3	9525.2	10159.1	10737.1	11243.3	11673.3
-25°	4141.9	5061.0	6011.9	6938.5	7794.6	8564.5	9264.6	9897.0	10474.6	10985.5	11433.7
-27.5°	3937.3	4799.2	5715.9	6629.9	7497.8	8265.9	8959.8	9592.6	10173.6	10705.9	11167.0
-30°	3715.9	4516.0	5396.2	6292.7	7145.3	7920.3	8623.7	9266.4	9844.1	10372.8	10848.5
-32.5°	3478.3	4215.7	5061.0	5920.1	6759.4	7551.7	8256.3	8891.0	9473.3	10008.6	10494.0
-35°	3247.9	3937.3	4707.9	5524.4	6348.5	7126.6	7837.4	8486.2	9071.9	9599.1	10087.9
-37.5°	3040.6	3642.9	4334.8	5112.6	5897.6	6662.9	7393.1	8030.5	8620.0	9163.2	9641.3
-40°	2822.3	3333.1	3983.6	4687.8	5425.1	6168.1	6874.0	7540.5	8127.8	8664.9	9163.2
-42.5°	2598.1	3080.7	3630.6	4244.1	4943.4	5639.8	6332.1	6980.4	7588.4	8127.8	8620.0
-45°	2399.1	2819.4	3277.3	3845.9	4447.3	5098.2	5747.9	6387.0	6980.4	7540.5	8030.5
-47.5°	2192.2	2560.3	2982.7	3434.5	3976.2	4549.6	5150.1	5747.9	6332.1	6874.0	7393.1
-50°	1989.6	2326.3	2678.4	3081.5	3520.7	4019.9	4549.6	5098.2	5639.8	6168.1	6662.9
-52.5°	1814.7	2085.0	2407.4	2743.9	3114.6	3520.7	3976.2	4447.3	4943.4	5425.1	5897.6
-55°	1634.8	1878.0	2138.8	2434.5	2743.9	3081.5	3434.5	3845.9	4244.1	4687.8	5112.6
-57.5°	1478.4	1676.9	1899.2	2138.8	2407.4	2678.4	2982.7	3277.3	3630.6	3983.6	4334.8
-60°	1334.5	1494.3	1676.9	1878.0	2085.0	2326.3	2560.3	2819.4	3080.7	3333.1	3642.9
-62.5°	1190.8	1334.5	1478.4	1634.8	1814.7	1989.6	2192.2	2399.1	2598.1	2822.3	3040.6
-65°	1058.9	1176.9	1302.8	1430.8	1555.3	1710.1	1863.9	2012.2	2187.1	2359.7	2524.4
-67.5°	924.8	1031.2	1135.3	1239.8	1351.9	1460.7	1565.9	1698.4	1826.4	1948.8	2074.0
-70°	783.2	882.5	976.1	1066.4	1154.2	1242.7	1336.1	1426.1	1512.5	1603.4	1706.7
-72.5°	638.6	725.7	810.8	893.7	970.9	1045.4	1117.3	1186.5	1258.2	1330.2	1398.7
-75°	500.2	568.0	640.2	711.3	780.4	847.2	911.4	970.6	1027.4	1081.7	1133.2
-77.5°	366.2	422.9	478.1	531.9	585.0	640.7	694.5	746.1	795.7	843.0	887.9
-80°	246.2	277.3	320.9	363.9	405.7	446.1	485.1	522.6	558.6	594.6	630.4
-82.5°	152.9	176.3	199.1	221.3	242.8	263.6	285.9	314.0	340.9	366.6	391.0
-85°	69.2	74.9	90.0	104.8	119.2	133.0	146.4	159.3	171.6	183.3	194.5
-87.5°	34.6	37.5	40.3	43.0	45.6	48.2	50.7	53.0	55.3	57.4	59.5
-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: P645576 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-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°	61.4	63.2	64.9	66.5	68.0	69.3	70.5	71.5	72.4	73.2	73.9
85°	205.0	214.9	224.2	232.7	240.6	247.8	254.2	260.0	265.0	269.2	272.7
82.5°	414.0	435.6	455.9	474.6	491.9	507.6	521.7	534.3	545.2	554.5	562.1
80°	664.3	696.2	726.0	753.6	779.0	802.2	823.0	841.5	857.6	871.3	882.5
77.5°	929.1	967.2	1002.8	1035.9	1066.3	1094.0	1119.0	1141.2	1160.5	1176.9	1190.3
75°	1182.0	1229.7	1278.5	1323.7	1365.3	1403.3	1437.5	1467.9	1494.3	1516.8	1535.3
72.5°	1463.6	1524.6	1585.9	1655.6	1719.8	1778.4	1831.1	1878.0	1918.8	1953.6	1982.1
70°	1804.4	1896.6	1982.8	2070.8	2164.2	2249.4	2326.3	2394.6	2454.1	2504.8	2546.4
67.5°	2213.8	2345.6	2469.1	2583.9	2703.5	2819.4	2924.0	3017.0	3098.1	3167.2	3223.9
65°	2692.5	2869.2	3034.8	3189.0	3333.1	3501.3	3653.2	3788.3	3906.2	4006.7	4089.2
62.5°	3247.9	3478.3	3715.9	3937.3	4141.9	4343.7	4539.9	4714.6	4867.1	4997.1	5104.0
60°	3937.3	4215.7	4516.0	4799.2	5061.0	5300.9	5524.4	5723.6	5897.6	6046.0	6168.1
57.5°	4707.9	5061.0	5396.2	5715.9	6011.9	6283.1	6522.4	6731.7	6914.9	7071.1	7199.7
55°	5524.4	5920.1	6292.7	6629.9	6938.5	7221.7	7472.8	7675.6	7853.2	8004.8	8129.8
52.5°	6348.5	6759.4	7145.3	7497.8	7794.6	8067.2	8314.6	8518.1	8693.0	8842.6	8966.0
50°	7126.6	7551.7	7920.3	8265.9	8564.5	8831.3	9073.8	9280.9	9452.9	9600.1	9721.7
47.5°	7837.4	8256.3	8623.7	8959.8	9264.6	9525.2	9762.4	9972.2	10144.2	10291.6	10413.4
45°	8486.2	8891.0	9266.4	9592.6	9897.0	10159.1	10395.1	10607.0	10772.0	10910.7	11025.5
42.5°	9071.9	9473.3	9844.1	10173.6	10474.6	10737.1	10957.7	11156.2	11317.5	11446.9	11554.3
40°	9599.1	10008.6	10372.8	10705.9	10985.5	11243.3	11447.7	11632.1	11789.5	11912.9	12015.4
37.5°	10087.9	10494.0	10848.5	11167.0	11433.7	11673.3	11875.8	12050.7	12205.1	12319.5	12414.8
35°	10534.7	10920.6	11271.3	11563.2	11827.6	12053.3	12252.6	12413.9	12557.4	12666.5	12753.3
32.5°	10920.6	11303.3	11628.8	11916.2	12174.3	12384.9	12576.1	12723.9	12854.1	12959.1	13039.8
30°	11271.3	11628.8	11946.0	12230.7	12465.9	12671.0	12843.2	12987.5	13107.7	13207.8	13278.8
27.5°	11563.2	11916.2	12230.7	12493.2	12718.3	12915.7	13073.3	13212.2	13317.2	13409.3	13470.4
25°	11827.6	12174.3	12465.9	12718.3	12936.8	13117.0	13266.9	13392.8	13485.9	13564.9	13610.3
22.5°	12053.3	12384.9	12671.0	12915.7	13117.0	13285.5	13426.8	13533.4	13609.6	13657.3	13684.2
20°	12252.6	12576.1	12843.2	13073.3	13266.9	13426.8	13549.5	13628.3	13681.4	13694.5	13702.2
17.5°	12413.9	12723.9	12987.5	13212.2	13392.8	13533.4	13628.3	13683.9	13699.8	13696.9	13689.1
15°	12557.4	12854.1	13107.7	13317.2	13485.9	13609.6	13681.4	13699.8	13695.1	13679.1	13654.4
12.5°	12666.5	12959.1	13207.8	13409.3	13564.9	13657.3	13694.5	13696.9	13679.1	13648.4	13613.4
10°	12753.3	13039.8	13278.8	13470.4	13610.3	13684.2	13702.2	13689.1	13654.4	13613.4	13574.5
7.5°	12822.1	13103.8	13335.3	13519.2	13640.0	13692.5	13696.4	13671.7	13630.0	13583.5	13541.4
5°	12871.8	13150.2	13376.4	13554.8	13661.8	13698.6	13692.1	13658.0	13609.8	13561.0	13522.5
2.5°	12901.9	13178.4	13401.3	13576.4	13675.1	13702.3	13689.5	13649.5	13597.1	13546.7	13510.1
0°	12912.0	13187.8	13409.7	13583.7	13679.6	13703.6	13688.6	13646.6	13592.7	13541.7	13505.7
-2.5°	12901.9	13178.4	13401.3	13576.4	13675.1	13702.3	13689.5	13649.5	13597.1	13546.7	13510.1
-5°	12871.8	13150.2	13376.4	13554.8	13661.8	13698.6	13692.1	13658.0	13609.8	13561.0	13522.5
-7.5°	12822.1	13103.8	13335.3	13519.2	13640.0	13692.5	13696.4	13671.7	13630.0	13583.5	13541.4
-10°	12753.3	13039.8	13278.8	13470.4	13610.3	13684.2	13702.2	13689.1	13654.4	13613.4	13574.5
-12.5°	12666.5	12959.1	13207.8	13409.3	13564.9	13657.3	13694.5	13696.9	13679.1	13648.4	13613.4
-15°	12557.4	12854.1	13107.7	13317.2	13485.9	13609.6	13681.4	13699.8	13695.1	13679.1	13654.4
-17.5°	12413.9	12723.9	12987.5	13212.2	13392.8	13533.4	13628.3	13683.9	13699.8	13696.9	13689.1
-20°	12252.6	12576.1	12843.2	13073.3	13266.9	13426.8	13549.5	13628.3	13681.4	13694.5	13702.2



REPORT NUMBER: P645576 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	12053.3	12384.9	12671.0	12915.7	13117.0	13285.5	13426.8	13533.4	13609.6	13657.3	13684.2
-25°	11827.6	12174.3	12465.9	12718.3	12936.8	13117.0	13266.9	13392.8	13485.9	13564.9	13610.3
-27.5°	11563.2	11916.2	12230.7	12493.2	12718.3	12915.7	13073.3	13212.2	13317.2	13409.3	13470.4
-30°	11271.3	11628.8	11946.0	12230.7	12465.9	12671.0	12843.2	12987.5	13107.7	13207.8	13278.8
-32.5°	10920.6	11303.3	11628.8	11916.2	12174.3	12384.9	12576.1	12723.9	12854.1	12959.1	13039.8
-35°	10534.7	10920.6	11271.3	11563.2	11827.6	12053.3	12252.6	12413.9	12557.4	12666.5	12753.3
-37.5°	10087.9	10494.0	10848.5	11167.0	11433.7	11673.3	11875.8	12050.7	12205.1	12319.5	12414.8
-40°	9599.1	10008.6	10372.8	10705.9	10985.5	11243.3	11447.7	11632.1	11789.5	11912.9	12015.4
-42.5°	9071.9	9473.3	9844.1	10173.6	10474.6	10737.1	10957.7	11156.2	11317.5	11446.9	11554.3
-45°	8486.2	8891.0	9266.4	9592.6	9897.0	10159.1	10395.1	10607.0	10772.0	10910.7	11025.5
-47.5°	7837.4	8256.3	8623.7	8959.8	9264.6	9525.2	9762.4	9972.2	10144.2	10291.6	10413.4
-50°	7126.6	7551.7	7920.3	8265.9	8564.5	8831.3	9073.8	9280.9	9452.9	9600.1	9721.7
-52.5°	6348.5	6759.4	7145.3	7497.8	7794.6	8067.2	8314.6	8518.1	8693.0	8842.6	8966.0
-55°	5524.4	5920.1	6292.7	6629.9	6938.5	7221.7	7472.8	7675.6	7853.2	8004.8	8129.8
-57.5°	4707.9	5061.0	5396.2	5715.9	6011.9	6283.1	6522.4	6731.7	6914.9	7071.1	7199.7
-60°	3937.3	4215.7	4516.0	4799.2	5061.0	5300.9	5524.4	5723.6	5897.6	6046.0	6168.1
-62.5°	3247.9	3478.3	3715.9	3937.3	4141.9	4343.7	4539.9	4714.6	4867.1	4997.1	5104.0
-65°	2692.5	2869.2	3034.8	3189.0	3333.1	3501.3	3653.2	3788.3	3906.2	4006.7	4089.2
-67.5°	2213.8	2345.6	2469.1	2583.9	2703.5	2819.4	2924.0	3017.0	3098.1	3167.2	3223.9
-70°	1804.4	1896.6	1982.8	2070.8	2164.2	2249.4	2326.3	2394.6	2454.1	2504.8	2546.4
-72.5°	1463.6	1524.6	1585.9	1655.6	1719.8	1778.4	1831.1	1878.0	1918.8	1953.6	1982.1
-75°	1182.0	1229.7	1278.5	1323.7	1365.3	1403.3	1437.5	1467.9	1494.3	1516.8	1535.3
-77.5°	929.1	967.2	1002.8	1035.9	1066.3	1094.0	1119.0	1141.2	1160.5	1176.9	1190.3
-80°	664.3	696.2	726.0	753.6	779.0	802.2	823.0	841.5	857.6	871.3	882.5
-82.5°	414.0	435.6	455.9	474.6	491.9	507.6	521.7	534.3	545.2	554.5	562.1
-85°	205.0	214.9	224.2	232.7	240.6	247.8	254.2	260.0	265.0	269.2	272.7
-87.5°	61.4	63.2	64.9	66.5	68.0	69.3	70.5	71.5	72.4	73.2	73.9
-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: P645576 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-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°	74.4	74.7	74.9	75.0	74.9	74.7	74.4	73.9	73.2	72.4	71.5
85°	275.4	277.3	278.5	278.9	278.5	277.3	275.4	272.7	269.2	265.0	260.0
82.5°	568.0	572.3	574.8	575.7	574.8	572.3	568.0	562.1	554.5	545.2	534.3
80°	891.3	897.6	901.3	902.6	901.3	897.6	891.3	882.5	871.3	857.6	841.5
77.5°	1200.8	1208.4	1212.9	1214.4	1212.9	1208.4	1200.8	1190.3	1176.9	1160.5	1141.2
75°	1549.7	1560.0	1566.2	1568.3	1566.2	1560.0	1549.7	1535.3	1516.8	1494.3	1467.9
72.5°	2004.4	2020.3	2029.9	2033.1	2029.9	2020.3	2004.4	1982.1	1953.6	1918.8	1878.0
70°	2578.9	2602.1	2616.1	2620.8	2616.1	2602.1	2578.9	2546.4	2504.8	2454.1	2394.6
67.5°	3268.2	3300.0	3319.0	3325.4	3319.0	3300.0	3268.2	3223.9	3167.2	3098.1	3017.0
65°	4153.7	4199.9	4227.7	4237.0	4227.7	4199.9	4153.7	4089.2	4006.7	3906.2	3788.3
62.5°	5187.6	5247.5	5283.5	5295.5	5283.5	5247.5	5187.6	5104.0	4997.1	4867.1	4714.6
60°	6263.6	6332.1	6373.3	6387.0	6373.3	6332.1	6263.6	6168.1	6046.0	5897.6	5723.6
57.5°	7300.4	7372.6	7416.0	7430.5	7416.0	7372.6	7300.4	7199.7	7071.1	6914.9	6731.7
55°	8227.6	8297.8	8340.0	8354.1	8340.0	8297.8	8227.6	8129.8	8004.8	7853.2	7675.6
52.5°	9062.6	9132.0	9173.8	9187.7	9173.8	9132.0	9062.6	8966.0	8842.6	8693.0	8518.1
50°	9816.9	9885.4	9926.6	9940.4	9926.6	9885.4	9816.9	9721.7	9600.1	9452.9	9280.9
47.5°	10509.0	10577.7	10619.2	10633.0	10619.2	10577.7	10509.0	10413.4	10291.6	10144.2	9972.2
45°	11115.7	11180.6	11219.7	11232.8	11219.7	11180.6	11115.7	11025.5	10910.7	10772.0	10607.0
42.5°	11638.7	11699.5	11736.2	11748.5	11736.2	11699.5	11638.7	11554.3	11446.9	11317.5	11156.2
40°	12096.1	12154.4	12189.5	12201.3	12189.5	12154.4	12096.1	12015.4	11912.9	11789.5	11632.1
37.5°	12490.0	12544.3	12577.1	12588.1	12577.1	12544.3	12490.0	12414.8	12319.5	12205.1	12050.7
35°	12822.1	12871.8	12901.9	12912.0	12901.9	12871.8	12822.1	12753.3	12666.5	12557.4	12413.9
32.5°	13103.8	13150.2	13178.4	13187.8	13178.4	13150.2	13103.8	13039.8	12959.1	12854.1	12723.9
30°	13335.3	13376.4	13401.3	13409.7	13401.3	13376.4	13335.3	13278.8	13207.8	13107.7	12987.5
27.5°	13519.2	13554.8	13576.4	13583.7	13576.4	13554.8	13519.2	13470.4	13409.3	13317.2	13212.2
25°	13640.0	13661.8	13675.1	13679.6	13675.1	13661.8	13640.0	13610.3	13564.9	13485.9	13392.8
22.5°	13692.5	13698.6	13702.3	13703.6	13702.3	13698.6	13692.5	13684.2	13657.3	13609.6	13533.4
20°	13696.4	13692.1	13689.5	13688.6	13689.5	13692.1	13696.4	13702.2	13694.5	13681.4	13628.3
17.5°	13671.7	13658.0	13649.5	13646.6	13649.5	13658.0	13671.7	13689.1	13696.9	13699.8	13683.9
15°	13630.0	13609.8	13597.1	13592.7	13597.1	13609.8	13630.0	13654.4	13679.1	13695.1	13699.8
12.5°	13583.5	13561.0	13546.7	13541.7	13546.7	13561.0	13583.5	13613.4	13648.4	13679.1	13696.9
10°	13541.4	13522.5	13510.1	13505.7	13510.1	13522.5	13541.4	13574.5	13613.4	13654.4	13689.1
7.5°	13514.2	13497.3	13488.1	13484.7	13488.1	13497.3	13514.2	13541.4	13583.5	13630.0	13671.7
5°	13497.3	13480.5	13466.4	13460.7	13466.4	13480.5	13497.3	13522.5	13561.0	13609.8	13658.0
2.5°	13488.1	13466.4	13444.9	13433.7	13444.9	13466.4	13488.1	13510.1	13546.7	13597.1	13649.5
0°	13484.7	13460.7	13433.7	13436.7	13433.7	13460.7	13484.7	13505.7	13541.7	13592.7	13646.6
-2.5°	13488.1	13466.4	13444.9	13433.7	13444.9	13466.4	13488.1	13510.1	13546.7	13597.1	13649.5
-5°	13497.3	13480.5	13466.4	13460.7	13466.4	13480.5	13497.3	13522.5	13561.0	13609.8	13658.0
-7.5°	13514.2	13497.3	13488.1	13484.7	13488.1	13497.3	13514.2	13541.4	13583.5	13630.0	13671.7
-10°	13541.4	13522.5	13510.1	13505.7	13510.1	13522.5	13541.4	13574.5	13613.4	13654.4	13689.1
-12.5°	13583.5	13561.0	13546.7	13541.7	13546.7	13561.0	13583.5	13613.4	13648.4	13679.1	13696.9
-15°	13630.0	13609.8	13597.1	13592.7	13597.1	13609.8	13630.0	13654.4	13679.1	13695.1	13699.8
-17.5°	13671.7	13658.0	13649.5	13646.6	13649.5	13658.0	13671.7	13689.1	13696.9	13699.8	13683.9
-20°	13696.4	13692.1	13689.5	13688.6	13689.5	13692.1	13696.4	13702.2	13694.5	13681.4	13628.3



REPORT NUMBER: P645576 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-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°	13692.5	13698.6	13702.3	13703.6	13702.3	13698.6	13692.5	13684.2	13657.3	13609.6	13533.4
-25°	13640.0	13661.8	13675.1	13679.6	13675.1	13661.8	13640.0	13610.3	13564.9	13485.9	13392.8
-27.5°	13519.2	13554.8	13576.4	13583.7	13576.4	13554.8	13519.2	13470.4	13409.3	13317.2	13212.2
-30°	13335.3	13376.4	13401.3	13409.7	13401.3	13376.4	13335.3	13278.8	13207.8	13107.7	12987.5
-32.5°	13103.8	13150.2	13178.4	13187.8	13178.4	13150.2	13103.8	13039.8	12959.1	12854.1	12723.9
-35°	12822.1	12871.8	12901.9	12912.0	12901.9	12871.8	12822.1	12753.3	12666.5	12557.4	12413.9
-37.5°	12490.0	12544.3	12577.1	12588.1	12577.1	12544.3	12490.0	12414.8	12319.5	12205.1	12050.7
-40°	12096.1	12154.4	12189.5	12201.3	12189.5	12154.4	12096.1	12015.4	11912.9	11789.5	11632.1
-42.5°	11638.7	11699.5	11736.2	11748.5	11736.2	11699.5	11638.7	11554.3	11446.9	11317.5	11156.2
-45°	11115.7	11180.6	11219.7	11232.8	11219.7	11180.6	11115.7	11025.5	10910.7	10772.0	10607.0
-47.5°	10509.0	10577.7	10619.2	10633.0	10619.2	10577.7	10509.0	10413.4	10291.6	10144.2	9972.2
-50°	9816.9	9885.4	9926.6	9940.4	9926.6	9885.4	9816.9	9721.7	9600.1	9452.9	9280.9
-52.5°	9062.6	9132.0	9173.8	9187.7	9173.8	9132.0	9062.6	8966.0	8842.6	8693.0	8518.1
-55°	8227.6	8297.8	8340.0	8354.1	8340.0	8297.8	8227.6	8129.8	8004.8	7853.2	7675.6
-57.5°	7300.4	7372.6	7416.0	7430.5	7416.0	7372.6	7300.4	7199.7	7071.1	6914.9	6731.7
-60°	6263.6	6332.1	6373.3	6387.0	6373.3	6332.1	6263.6	6168.1	6046.0	5897.6	5723.6
-62.5°	5187.6	5247.5	5283.5	5295.5	5283.5	5247.5	5187.6	5104.0	4997.1	4867.1	4714.6
-65°	4153.7	4199.9	4227.7	4237.0	4227.7	4199.9	4153.7	4089.2	4006.7	3906.2	3788.3
-67.5°	3268.2	3300.0	3319.0	3325.4	3319.0	3300.0	3268.2	3223.9	3167.2	3098.1	3017.0
-70°	2578.9	2602.1	2616.1	2620.8	2616.1	2602.1	2578.9	2546.4	2504.8	2454.1	2394.6
-72.5°	2004.4	2020.3	2029.9	2033.1	2029.9	2020.3	2004.4	1982.1	1953.6	1918.8	1878.0
-75°	1549.7	1560.0	1566.2	1568.3	1566.2	1560.0	1549.7	1535.3	1516.8	1494.3	1467.9
-77.5°	1200.8	1208.4	1212.9	1214.4	1212.9	1208.4	1200.8	1190.3	1176.9	1160.5	1141.2
-80°	891.3	897.6	901.3	902.6	901.3	897.6	891.3	882.5	871.3	857.6	841.5
-82.5°	568.0	572.3	574.8	575.7	574.8	572.3	568.0	562.1	554.5	545.2	534.3
-85°	275.4	277.3	278.5	278.9	278.5	277.3	275.4	272.7	269.2	265.0	260.0
-87.5°	74.4	74.7	74.9	75.0	74.9	74.7	74.4	73.9	73.2	72.4	71.5
-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: P645576 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-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°	70.5	69.3	68.0	66.5	64.9	63.2	61.4	59.5	57.4	55.3	53.0
85°	254.2	247.8	240.6	232.7	224.2	214.9	205.0	194.5	183.3	171.6	159.3
82.5°	521.7	507.6	491.9	474.6	455.9	435.6	414.0	391.0	366.6	340.9	314.0
80°	823.0	802.2	779.0	753.6	726.0	696.2	664.3	630.4	594.6	558.6	522.6
77.5°	1119.0	1094.0	1066.3	1035.9	1002.8	967.2	929.1	887.9	843.0	795.7	746.1
75°	1437.5	1403.3	1365.3	1323.7	1278.5	1229.7	1182.0	1133.2	1081.7	1027.4	970.6
72.5°	1831.1	1778.4	1719.8	1655.6	1585.9	1524.6	1463.6	1398.7	1330.2	1258.2	1186.5
70°	2326.3	2249.4	2164.2	2070.8	1982.8	1896.6	1804.4	1706.7	1603.4	1512.5	1426.1
67.5°	2924.0	2819.4	2703.5	2583.9	2469.1	2345.6	2213.8	2074.0	1948.8	1826.4	1698.4
65°	3653.2	3501.3	3333.1	3189.0	3034.8	2869.2	2692.5	2524.4	2359.7	2187.1	2012.2
62.5°	4539.9	4343.7	4141.9	3937.3	3715.9	3478.3	3247.9	3040.6	2822.3	2598.1	2399.1
60°	5524.4	5300.9	5061.0	4799.2	4516.0	4215.7	3937.3	3642.9	3333.1	3080.7	2819.4
57.5°	6522.4	6283.1	6011.9	5715.9	5396.2	5061.0	4707.9	4334.8	3983.6	3630.6	3277.3
55°	7472.8	7221.7	6938.5	6629.9	6292.7	5920.1	5524.4	5112.6	4687.8	4244.1	3845.9
52.5°	8314.6	8067.2	7794.6	7497.8	7145.3	6759.4	6348.5	5897.6	5425.1	4943.4	4447.3
50°	9073.8	8831.3	8564.5	8265.9	7920.3	7551.7	7126.6	6662.9	6168.1	5639.8	5098.2
47.5°	9762.4	9525.2	9264.6	8959.8	8623.7	8256.3	7837.4	7393.1	6874.0	6332.1	5747.9
45°	10395.1	10159.1	9897.0	9592.6	9266.4	8891.0	8486.2	8030.5	7540.5	6980.4	6387.0
42.5°	10957.7	10737.1	10474.6	10173.6	9844.1	9473.3	9071.9	8620.0	8127.8	7588.4	6980.4
40°	11447.7	11243.3	10985.5	10705.9	10372.8	10008.6	9599.1	9163.2	8664.9	8127.8	7540.5
37.5°	11875.8	11673.3	11433.7	11167.0	10848.5	10494.0	10087.9	9641.3	9163.2	8620.0	8030.5
35°	12252.6	12053.3	11827.6	11563.2	11271.3	10920.6	10534.7	10087.9	9599.1	9071.9	8486.2
32.5°	12576.1	12384.9	12174.3	11916.2	11628.8	11303.3	10920.6	10494.0	10008.6	9473.3	8891.0
30°	12843.2	12671.0	12465.9	12230.7	11946.0	11628.8	11271.3	10848.5	10372.8	9844.1	9266.4
27.5°	13073.3	12915.7	12718.3	12493.2	12230.7	11916.2	11563.2	11167.0	10705.9	10173.6	9592.6
25°	13266.9	13117.0	12936.8	12718.3	12465.9	12174.3	11827.6	11433.7	10985.5	10474.6	9897.0
22.5°	13426.8	13285.5	13117.0	12915.7	12671.0	12384.9	12053.3	11673.3	11243.3	10737.1	10159.1
20°	13549.5	13426.8	13266.9	13073.3	12843.2	12576.1	12252.6	11875.8	11447.7	10957.7	10395.1
17.5°	13628.3	13533.4	13392.8	13212.2	12987.5	12723.9	12413.9	12050.7	11632.1	11156.2	10607.0
15°	13681.4	13609.6	13485.9	13317.2	13107.7	12854.1	12557.4	12205.1	11789.5	11317.5	10772.0
12.5°	13694.5	13657.3	13564.9	13409.3	13207.8	12959.1	12666.5	12319.5	11912.9	11446.9	10910.7
10°	13702.2	13684.2	13610.3	13470.4	13278.8	13039.8	12753.3	12414.8	12015.4	11554.3	11025.5
7.5°	13696.4	13692.5	13640.0	13519.2	13335.3	13103.8	12822.1	12490.0	12096.1	11638.7	11115.7
5°	13692.1	13698.6	13661.8	13554.8	13376.4	13150.2	12871.8	12544.3	12154.4	11699.5	11180.6
2.5°	13689.5	13702.3	13675.1	13576.4	13401.3	13178.4	12901.9	12577.1	12189.5	11736.2	11219.7
0°	13688.6	13703.6	13679.6	13583.7	13409.7	13187.8	12912.0	12588.1	12201.3	11748.5	11232.8
-2.5°	13689.5	13702.3	13675.1	13576.4	13401.3	13178.4	12901.9	12577.1	12189.5	11736.2	11219.7
-5°	13692.1	13698.6	13661.8	13554.8	13376.4	13150.2	12871.8	12544.3	12154.4	11699.5	11180.6
-7.5°	13696.4	13692.5	13640.0	13519.2	13335.3	13103.8	12822.1	12490.0	12096.1	11638.7	11115.7
-10°	13702.2	13684.2	13610.3	13470.4	13278.8	13039.8	12753.3	12414.8	12015.4	11554.3	11025.5
-12.5°	13694.5	13657.3	13564.9	13409.3	13207.8	12959.1	12666.5	12319.5	11912.9	11446.9	10910.7
-15°	13681.4	13609.6	13485.9	13317.2	13107.7	12854.1	12557.4	12205.1	11789.5	11317.5	10772.0
-17.5°	13628.3	13533.4	13392.8	13212.2	12987.5	12723.9	12413.9	12050.7	11632.1	11156.2	10607.0
-20°	13549.5	13426.8	13266.9	13073.3	12843.2	12576.1	12252.6	11875.8	11447.7	10957.7	10395.1



REPORT NUMBER: P645576 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13426.8	13285.5	13117.0	12915.7	12671.0	12384.9	12053.3	11673.3	11243.3	10737.1	10159.1
-25°	13266.9	13117.0	12936.8	12718.3	12465.9	12174.3	11827.6	11433.7	10985.5	10474.6	9897.0
-27.5°	13073.3	12915.7	12718.3	12493.2	12230.7	11916.2	11563.2	11167.0	10705.9	10173.6	9592.6
-30°	12843.2	12671.0	12465.9	12230.7	11946.0	11628.8	11271.3	10848.5	10372.8	9844.1	9266.4
-32.5°	12576.1	12384.9	12174.3	11916.2	11628.8	11303.3	10920.6	10494.0	10008.6	9473.3	8891.0
-35°	12252.6	12053.3	11827.6	11563.2	11271.3	10920.6	10534.7	10087.9	9599.1	9071.9	8486.2
-37.5°	11875.8	11673.3	11433.7	11167.0	10848.5	10494.0	10087.9	9641.3	9163.2	8620.0	8030.5
-40°	11447.7	11243.3	10985.5	10705.9	10372.8	10008.6	9599.1	9163.2	8664.9	8127.8	7540.5
-42.5°	10957.7	10737.1	10474.6	10173.6	9844.1	9473.3	9071.9	8620.0	8127.8	7588.4	6980.4
-45°	10395.1	10159.1	9897.0	9592.6	9266.4	8891.0	8486.2	8030.5	7540.5	6980.4	6387.0
-47.5°	9762.4	9525.2	9264.6	8959.8	8623.7	8256.3	7837.4	7393.1	6874.0	6332.1	5747.9
-50°	9073.8	8831.3	8564.5	8265.9	7920.3	7551.7	7126.6	6662.9	6168.1	5639.8	5098.2
-52.5°	8314.6	8067.2	7794.6	7497.8	7145.3	6759.4	6348.5	5897.6	5425.1	4943.4	4447.3
-55°	7472.8	7221.7	6938.5	6629.9	6292.7	5920.1	5524.4	5112.6	4687.8	4244.1	3845.9
-57.5°	6522.4	6283.1	6011.9	5715.9	5396.2	5061.0	4707.9	4334.8	3983.6	3630.6	3277.3
-60°	5524.4	5300.9	5061.0	4799.2	4516.0	4215.7	3937.3	3642.9	3333.1	3080.7	2819.4
-62.5°	4539.9	4343.7	4141.9	3937.3	3715.9	3478.3	3247.9	3040.6	2822.3	2598.1	2399.1
-65°	3653.2	3501.3	3333.1	3189.0	3034.8	2869.2	2692.5	2524.4	2359.7	2187.1	2012.2
-67.5°	2924.0	2819.4	2703.5	2583.9	2469.1	2345.6	2213.8	2074.0	1948.8	1826.4	1698.4
-70°	2326.3	2249.4	2164.2	2070.8	1982.8	1896.6	1804.4	1706.7	1603.4	1512.5	1426.1
-72.5°	1831.1	1778.4	1719.8	1655.6	1585.9	1524.6	1463.6	1398.7	1330.2	1258.2	1186.5
-75°	1437.5	1403.3	1365.3	1323.7	1278.5	1229.7	1182.0	1133.2	1081.7	1027.4	970.6
-77.5°	1119.0	1094.0	1066.3	1035.9	1002.8	967.2	929.1	887.9	843.0	795.7	746.1
-80°	823.0	802.2	779.0	753.6	726.0	696.2	664.3	630.4	594.6	558.6	522.6
-82.5°	521.7	507.6	491.9	474.6	455.9	435.6	414.0	391.0	366.6	340.9	314.0
-85°	254.2	247.8	240.6	232.7	224.2	214.9	205.0	194.5	183.3	171.6	159.3
-87.5°	70.5	69.3	68.0	66.5	64.9	63.2	61.4	59.5	57.4	55.3	53.0
-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: P645576 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-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°	50.7	48.2	45.6	43.0	40.3	37.5	34.6	31.7	28.7	25.6	22.5
85°	146.4	133.0	119.2	104.8	90.0	74.9	69.2	63.3	57.3	51.2	45.1
82.5°	285.9	263.6	242.8	221.3	199.1	176.3	152.9	129.0	104.6	79.8	67.5
80°	485.1	446.1	405.7	363.9	320.9	277.3	246.2	214.3	181.9	148.8	115.2
77.5°	694.5	640.7	585.0	531.9	478.1	422.9	366.2	308.4	258.6	217.3	175.5
75°	911.4	847.2	780.4	711.3	640.2	568.0	500.2	430.8	360.1	288.2	235.2
72.5°	1117.3	1045.4	970.9	893.7	810.8	725.7	638.6	552.1	469.8	386.1	301.2
70°	1336.1	1242.7	1154.2	1066.4	976.1	882.5	783.2	681.7	578.4	482.8	386.1
67.5°	1565.9	1460.7	1351.9	1239.8	1135.3	1031.2	924.8	812.0	696.1	578.4	469.8
65°	1863.9	1710.1	1555.3	1430.8	1302.8	1176.9	1058.9	938.6	812.0	681.7	552.1
62.5°	2192.2	1989.6	1814.7	1634.8	1478.4	1334.5	1190.8	1058.9	924.8	783.2	638.6
60°	2560.3	2326.3	2085.0	1878.0	1676.9	1494.3	1334.5	1176.9	1031.2	882.5	725.7
57.5°	2982.7	2678.4	2407.4	2138.8	1899.2	1676.9	1478.4	1302.8	1135.3	976.1	810.8
55°	3434.5	3081.5	2743.9	2434.5	2138.8	1878.0	1634.8	1430.8	1239.8	1066.4	893.7
52.5°	3976.2	3520.7	3114.6	2743.9	2407.4	2085.0	1814.7	1555.3	1351.9	1154.2	970.9
50°	4549.6	4019.9	3520.7	3081.5	2678.4	2326.3	1989.6	1710.1	1460.7	1242.7	1045.4
47.5°	5150.1	4549.6	3976.2	3434.5	2982.7	2560.3	2192.2	1863.9	1565.9	1336.1	1117.3
45°	5747.9	5098.2	4447.3	3845.9	3277.3	2819.4	2399.1	2012.2	1698.4	1426.1	1186.5
42.5°	6332.1	5639.8	4943.4	4244.1	3630.6	3080.7	2598.1	2187.1	1826.4	1512.5	1258.2
40°	6874.0	6168.1	5425.1	4687.8	3983.6	3333.1	2822.3	2359.7	1948.8	1603.4	1330.2
37.5°	7393.1	6662.9	5897.6	5112.6	4334.8	3642.9	3040.6	2524.4	2074.0	1706.7	1398.7
35°	7837.4	7126.6	6348.5	5524.4	4707.9	3937.3	3247.9	2692.5	2213.8	1804.4	1463.6
32.5°	8256.3	7551.7	6759.4	5920.1	5061.0	4215.7	3478.3	2869.2	2345.6	1896.6	1524.6
30°	8623.7	7920.3	7145.3	6292.7	5396.2	4516.0	3715.9	3034.8	2469.1	1982.8	1585.9
27.5°	8959.8	8265.9	7497.8	6629.9	5715.9	4799.2	3937.3	3189.0	2583.9	2070.8	1655.6
25°	9264.6	8564.5	7794.6	6938.5	6011.9	5061.0	4141.9	3333.1	2703.5	2164.2	1719.8
22.5°	9525.2	8831.3	8067.2	7221.7	6283.1	5300.9	4343.7	3501.3	2819.4	2249.4	1778.4
20°	9762.4	9073.8	8314.6	7472.8	6522.4	5524.4	4539.9	3653.2	2924.0	2326.3	1831.1
17.5°	9972.2	9280.9	8518.1	7675.6	6731.7	5723.6	4714.6	3788.3	3017.0	2394.6	1878.0
15°	10144.2	9452.9	8693.0	7853.2	6914.9	5897.6	4867.1	3906.2	3098.1	2454.1	1918.8
12.5°	10291.6	9600.1	8842.6	8004.8	7071.1	6046.0	4997.1	4006.7	3167.2	2504.8	1953.6
10°	10413.4	9721.7	8966.0	8129.8	7199.7	6168.1	5104.0	4089.2	3223.9	2546.4	1982.1
7.5°	10509.0	9816.9	9062.6	8227.6	7300.4	6263.6	5187.6	4153.7	3268.2	2578.9	2004.4
5°	10577.7	9885.4	9132.0	8297.8	7372.6	6332.1	5247.5	4199.9	3300.0	2602.1	2020.3
2.5°	10619.2	9926.6	9173.8	8340.0	7416.0	6373.3	5283.5	4227.7	3319.0	2616.1	2029.9
0°	10633.0	9940.4	9187.7	8354.1	7430.5	6387.0	5295.5	4237.0	3325.4	2620.8	2033.1
-2.5°	10619.2	9926.6	9173.8	8340.0	7416.0	6373.3	5283.5	4227.7	3319.0	2616.1	2029.9
-5°	10577.7	9885.4	9132.0	8297.8	7372.6	6332.1	5247.5	4199.9	3300.0	2602.1	2020.3
-7.5°	10509.0	9816.9	9062.6	8227.6	7300.4	6263.6	5187.6	4153.7	3268.2	2578.9	2004.4
-10°	10413.4	9721.7	8966.0	8129.8	7199.7	6168.1	5104.0	4089.2	3223.9	2546.4	1982.1
-12.5°	10291.6	9600.1	8842.6	8004.8	7071.1	6046.0	4997.1	4006.7	3167.2	2504.8	1953.6
-15°	10144.2	9452.9	8693.0	7853.2	6914.9	5897.6	4867.1	3906.2	3098.1	2454.1	1918.8
-17.5°	9972.2	9280.9	8518.1	7675.6	6731.7	5723.6	4714.6	3788.3	3017.0	2394.6	1878.0
-20°	9762.4	9073.8	8314.6	7472.8	6522.4	5524.4	4539.9	3653.2	2924.0	2326.3	1831.1



REPORT NUMBER: P645576 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	9525.2	8831.3	8067.2	7221.7	6283.1	5300.9	4343.7	3501.3	2819.4	2249.4	1778.4
-25°	9264.6	8564.5	7794.6	6938.5	6011.9	5061.0	4141.9	3333.1	2703.5	2164.2	1719.8
-27.5°	8959.8	8265.9	7497.8	6629.9	5715.9	4799.2	3937.3	3189.0	2583.9	2070.8	1655.6
-30°	8623.7	7920.3	7145.3	6292.7	5396.2	4516.0	3715.9	3034.8	2469.1	1982.8	1585.9
-32.5°	8256.3	7551.7	6759.4	5920.1	5061.0	4215.7	3478.3	2869.2	2345.6	1896.6	1524.6
-35°	7837.4	7126.6	6348.5	5524.4	4707.9	3937.3	3247.9	2692.5	2213.8	1804.4	1463.6
-37.5°	7393.1	6662.9	5897.6	5112.6	4334.8	3642.9	3040.6	2524.4	2074.0	1706.7	1398.7
-40°	6874.0	6168.1	5425.1	4687.8	3983.6	3333.1	2822.3	2359.7	1948.8	1603.4	1330.2
-42.5°	6332.1	5639.8	4943.4	4244.1	3630.6	3080.7	2598.1	2187.1	1826.4	1512.5	1258.2
-45°	5747.9	5098.2	4447.3	3845.9	3277.3	2819.4	2399.1	2012.2	1698.4	1426.1	1186.5
-47.5°	5150.1	4549.6	3976.2	3434.5	2982.7	2560.3	2192.2	1863.9	1565.9	1336.1	1117.3
-50°	4549.6	4019.9	3520.7	3081.5	2678.4	2326.3	1989.6	1710.1	1460.7	1242.7	1045.4
-52.5°	3976.2	3520.7	3114.6	2743.9	2407.4	2085.0	1814.7	1555.3	1351.9	1154.2	970.9
-55°	3434.5	3081.5	2743.9	2434.5	2138.8	1878.0	1634.8	1430.8	1239.8	1066.4	893.7
-57.5°	2982.7	2678.4	2407.4	2138.8	1899.2	1676.9	1478.4	1302.8	1135.3	976.1	810.8
-60°	2560.3	2326.3	2085.0	1878.0	1676.9	1494.3	1334.5	1176.9	1031.2	882.5	725.7
-62.5°	2192.2	1989.6	1814.7	1634.8	1478.4	1334.5	1190.8	1058.9	924.8	783.2	638.6
-65°	1863.9	1710.1	1555.3	1430.8	1302.8	1176.9	1058.9	938.6	812.0	681.7	552.1
-67.5°	1565.9	1460.7	1351.9	1239.8	1135.3	1031.2	924.8	812.0	696.1	578.4	469.8
-70°	1336.1	1242.7	1154.2	1066.4	976.1	882.5	783.2	681.7	578.4	482.8	386.1
-72.5°	1117.3	1045.4	970.9	893.7	810.8	725.7	638.6	552.1	469.8	386.1	301.2
-75°	911.4	847.2	780.4	711.3	640.2	568.0	500.2	430.8	360.1	288.2	235.2
-77.5°	694.5	640.7	585.0	531.9	478.1	422.9	366.2	308.4	258.6	217.3	175.5
-80°	485.1	446.1	405.7	363.9	320.9	277.3	246.2	214.3	181.9	148.8	115.2
-82.5°	285.9	263.6	242.8	221.3	199.1	176.3	152.9	129.0	104.6	79.8	67.5
-85°	146.4	133.0	119.2	104.8	90.0	74.9	69.2	63.3	57.3	51.2	45.1
-87.5°	50.7	48.2	45.6	43.0	40.3	37.5	34.6	31.7	28.7	25.6	22.5
-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):**

	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°	19.4	16.2	13.0	9.8	6.5	3.3	0.0
85°	38.8	32.4	26.0	19.6	13.1	6.5	0.0
82.5°	58.1	48.6	39.0	29.3	19.6	9.8	0.0
80°	81.2	64.6	51.8	39.0	26.0	13.0	0.0
77.5°	133.0	90.1	64.6	48.6	32.4	16.2	0.0
75°	184.4	133.0	81.2	58.1	38.8	19.4	0.0
72.5°	235.2	175.5	115.2	67.5	45.1	22.5	0.0
70°	288.2	217.3	148.8	79.8	51.2	25.6	0.0
67.5°	360.1	258.6	181.9	104.6	57.3	28.7	0.0
65°	430.8	308.4	214.3	129.0	63.3	31.7	0.0
62.5°	500.2	366.2	246.2	152.9	69.2	34.6	0.0
60°	568.0	422.9	277.3	176.3	74.9	37.5	0.0
57.5°	640.2	478.1	320.9	199.1	90.0	40.3	0.0
55°	711.3	531.9	363.9	221.3	104.8	43.0	0.0
52.5°	780.4	585.0	405.7	242.8	119.2	45.6	0.0
50°	847.2	640.7	446.1	263.6	133.0	48.2	0.0
47.5°	911.4	694.5	485.1	285.9	146.4	50.7	0.0
45°	970.6	746.1	522.6	314.0	159.3	53.0	0.0
42.5°	1027.4	795.7	558.6	340.9	171.6	55.3	0.0
40°	1081.7	843.0	594.6	366.6	183.3	57.4	0.0
37.5°	1133.2	887.9	630.4	391.0	194.5	59.5	0.0
35°	1182.0	929.1	664.3	414.0	205.0	61.4	0.0
32.5°	1229.7	967.2	696.2	435.6	214.9	63.2	0.0
30°	1278.5	1002.8	726.0	455.9	224.2	64.9	0.0
27.5°	1323.7	1035.9	753.6	474.6	232.7	66.5	0.0
25°	1365.3	1066.3	779.0	491.9	240.6	68.0	0.0
22.5°	1403.3	1094.0	802.2	507.6	247.8	69.3	0.0
20°	1437.5	1119.0	823.0	521.7	254.2	70.5	0.0
17.5°	1467.9	1141.2	841.5	534.3	260.0	71.5	0.0
15°	1494.3	1160.5	857.6	545.2	265.0	72.4	0.0
12.5°	1516.8	1176.9	871.3	554.5	269.2	73.2	0.0
10°	1535.3	1190.3	882.5	562.1	272.7	73.9	0.0
7.5°	1549.7	1200.8	891.3	568.0	275.4	74.4	0.0
5°	1560.0	1208.4	897.6	572.3	277.3	74.7	0.0
2.5°	1566.2	1212.9	901.3	574.8	278.5	74.9	0.0
0°	1568.3	1214.4	902.6	575.7	278.9	75.0	0.0
-2.5°	1566.2	1212.9	901.3	574.8	278.5	74.9	0.0
-5°	1560.0	1208.4	897.6	572.3	277.3	74.7	0.0
-7.5°	1549.7	1200.8	891.3	568.0	275.4	74.4	0.0
-10°	1535.3	1190.3	882.5	562.1	272.7	73.9	0.0
-12.5°	1516.8	1176.9	871.3	554.5	269.2	73.2	0.0
-15°	1494.3	1160.5	857.6	545.2	265.0	72.4	0.0
-17.5°	1467.9	1141.2	841.5	534.3	260.0	71.5	0.0
-20°	1437.5	1119.0	823.0	521.7	254.2	70.5	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1403.3	1094.0	802.2	507.6	247.8	69.3	0.0
-25°	1365.3	1066.3	779.0	491.9	240.6	68.0	0.0
-27.5°	1323.7	1035.9	753.6	474.6	232.7	66.5	0.0
-30°	1278.5	1002.8	726.0	455.9	224.2	64.9	0.0
-32.5°	1229.7	967.2	696.2	435.6	214.9	63.2	0.0
-35°	1182.0	929.1	664.3	414.0	205.0	61.4	0.0
-37.5°	1133.2	887.9	630.4	391.0	194.5	59.5	0.0
-40°	1081.7	843.0	594.6	366.6	183.3	57.4	0.0
-42.5°	1027.4	795.7	558.6	340.9	171.6	55.3	0.0
-45°	970.6	746.1	522.6	314.0	159.3	53.0	0.0
-47.5°	911.4	694.5	485.1	285.9	146.4	50.7	0.0
-50°	847.2	640.7	446.1	263.6	133.0	48.2	0.0
-52.5°	780.4	585.0	405.7	242.8	119.2	45.6	0.0
-55°	711.3	531.9	363.9	221.3	104.8	43.0	0.0
-57.5°	640.2	478.1	320.9	199.1	90.0	40.3	0.0
-60°	568.0	422.9	277.3	176.3	74.9	37.5	0.0
-62.5°	500.2	366.2	246.2	152.9	69.2	34.6	0.0
-65°	430.8	308.4	214.3	129.0	63.3	31.7	0.0
-67.5°	360.1	258.6	181.9	104.6	57.3	28.7	0.0
-70°	288.2	217.3	148.8	79.8	51.2	25.6	0.0
-72.5°	235.2	175.5	115.2	67.5	45.1	22.5	0.0
-75°	184.4	133.0	81.2	58.1	38.8	19.4	0.0
-77.5°	133.0	90.1	64.6	48.6	32.4	16.2	0.0
-80°	81.2	64.6	51.8	39.0	26.0	13.0	0.0
-82.5°	58.1	48.6	39.0	29.3	19.6	9.8	0.0
-85°	38.8	32.4	26.0	19.6	13.1	6.5	0.0
-87.5°	19.4	16.2	13.0	9.8	6.5	3.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)