

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: P645551 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6B-730-U-LAM-VSR-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645551 (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-SA6B-730-U-LAM-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (96) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

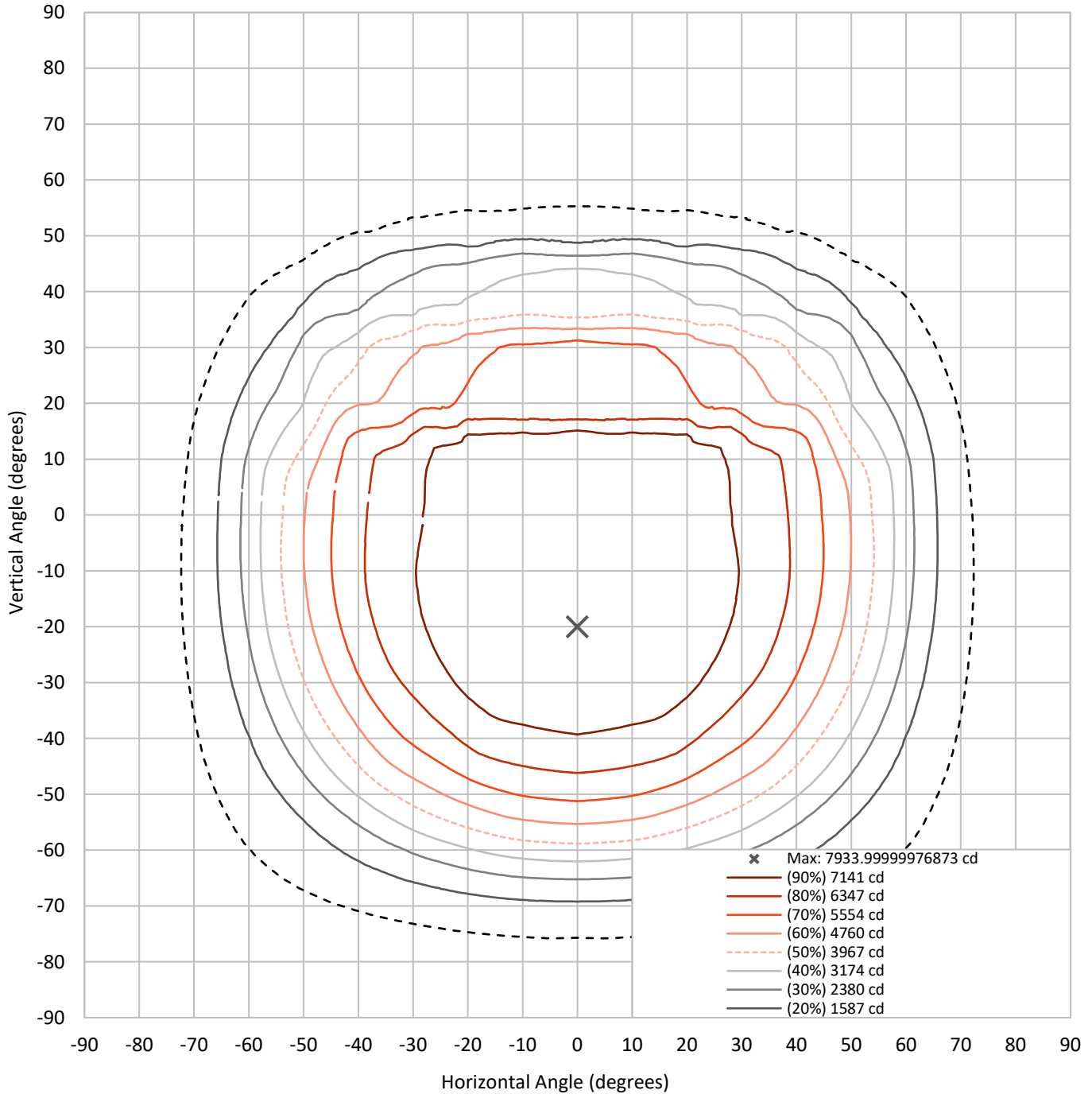
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	18603.6 lumens	Max Intensity:	7934 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	97.6 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:	14543.2 lumens	Field Lumens:	18234.1 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	190.6		
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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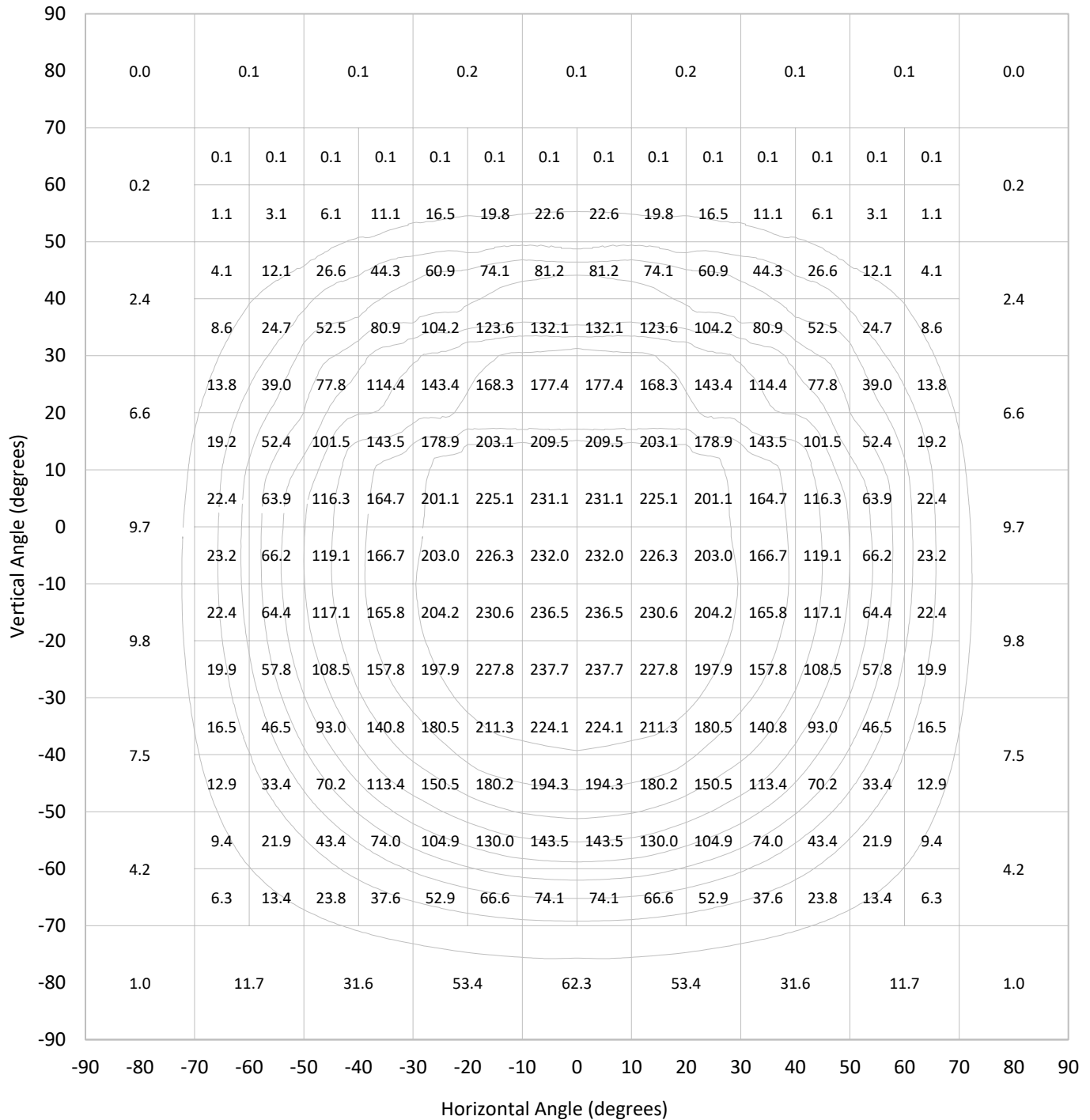
### Iso-Candela Plot





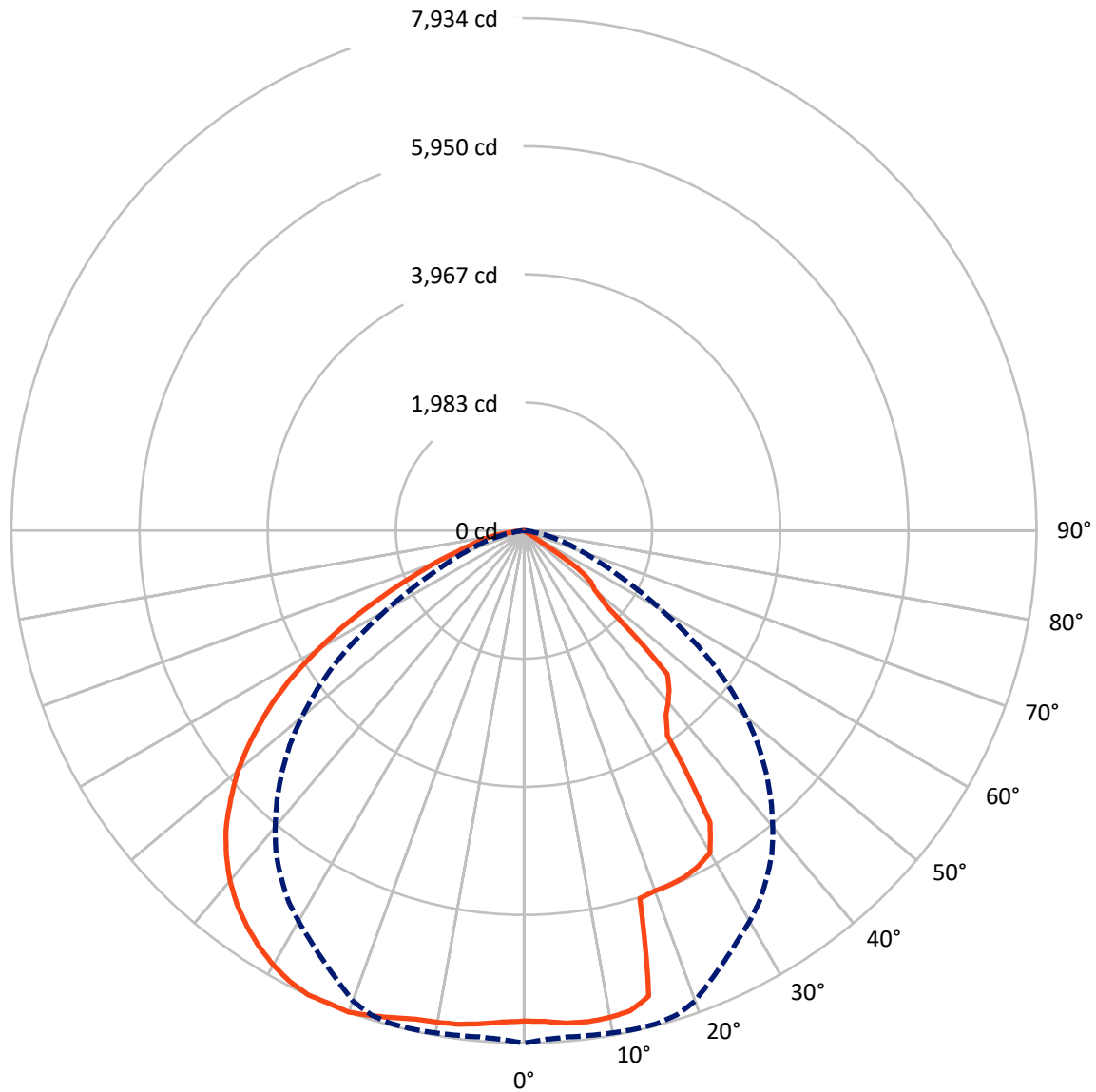
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### Lumen Table



REPORT NUMBER: P645551 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6B-730-U-LAM-VSR-XX

### Luminous Intensity Polar Plot

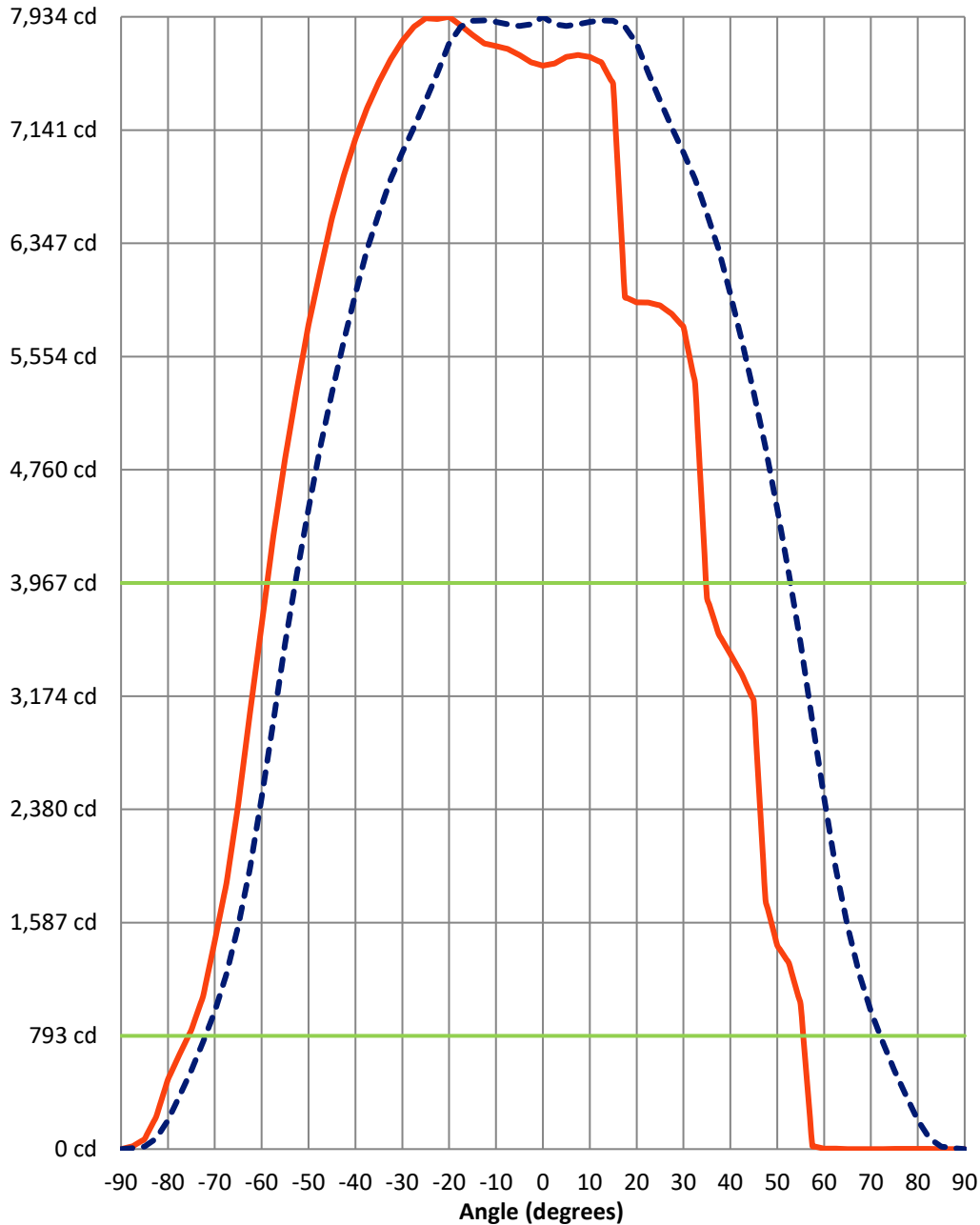


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through -20-Deg



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 14543.2  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 18234.1  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 369.5  
 Efficiency: 2.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through -20-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.3	0.4	0.6	0.7	0.9	0.9	0.9	0.8	0.7
85°	0.0	0.4	0.6	0.9	1.2	1.5	1.8	1.8	1.8	1.6	1.4
82.5°	0.0	0.6	0.9	1.3	1.8	2.2	2.6	2.7	2.6	2.2	1.7
80°	0.0	0.7	1.2	1.8	2.3	2.9	3.4	3.0	2.6	2.2	1.8
77.5°	0.0	0.9	1.5	2.2	2.9	3.4	3.4	3.0	2.6	2.2	1.8
75°	0.0	1.1	1.8	2.6	3.4	3.5	3.4	3.1	2.7	2.2	1.8
72.5°	0.0	1.3	2.1	3.1	3.6	3.7	3.5	3.1	2.7	2.3	1.9
70°	0.0	1.5	2.4	3.4	3.7	3.8	3.6	3.1	2.7	2.4	2.7
67.5°	0.0	1.7	2.7	3.6	3.9	3.9	4.0	3.2	2.8	3.8	3.8
65°	0.0	1.8	3.0	3.8	4.1	4.5	4.6	3.2	4.5	5.3	6.7
62.5°	0.0	2.0	3.3	3.9	4.3	5.6	5.3	4.5	6.3	9.3	14.8
60°	0.0	2.2	3.6	4.1	4.5	6.8	6.3	6.4	8.2	23.5	25.6
57.5°	0.0	2.4	3.8	4.3	5.8	8.1	11.6	9.1	23.0	40.0	46.4
55°	0.0	2.5	4.0	4.5	7.2	9.6	18.5	14.6	42.7	61.7	75.1
52.5°	0.0	2.7	4.2	4.7	8.7	12.3	26.5	37.1	64.1	96.8	109.0
50°	0.0	2.9	4.4	4.9	10.2	21.0	35.7	62.7	91.7	135.8	170.3
47.5°	0.0	3.0	4.6	5.3	11.8	30.4	48.1	89.5	132.2	178.8	232.9
45°	0.0	3.2	4.8	6.6	13.5	40.4	72.5	117.6	177.4	233.1	293.7
42.5°	0.0	3.3	5.0	7.9	15.2	51.1	97.5	153.2	223.4	285.9	363.8
40°	0.0	3.5	5.2	9.5	20.5	62.4	123.1	193.7	270.9	337.8	438.8
37.5°	0.0	3.6	5.4	11.6	29.3	74.2	149.2	234.2	320.6	400.0	517.1
35°	0.0	3.8	5.7	13.8	38.3	92.2	175.7	274.8	371.1	476.5	609.7
32.5°	0.0	3.9	5.9	16.3	47.4	113.1	204.4	315.2	422.3	553.4	722.4
30°	0.0	4.0	6.1	19.0	56.6	133.8	237.2	356.0	473.9	630.5	830.4
27.5°	0.0	4.2	6.3	21.8	67.9	154.3	269.4	398.5	530.6	707.5	933.7
25°	0.0	4.3	6.6	24.9	79.5	174.4	300.8	440.5	594.6	791.6	1032.1
22.5°	0.0	4.4	6.8	28.0	91.0	195.0	331.3	481.9	657.3	875.7	1131.8
20°	0.0	4.5	7.0	31.2	102.5	217.1	360.8	522.4	718.4	955.0	1229.0
17.5°	0.0	4.6	7.2	34.5	113.7	238.4	389.9	561.7	777.5	1029.4	1323.2
15°	0.0	4.7	7.4	37.8	124.7	258.9	418.0	598.3	834.4	1098.8	1413.7
12.5°	0.0	4.8	7.6	41.1	135.3	278.4	444.2	630.9	879.7	1163.1	1499.8
10°	0.0	4.9	7.8	44.4	145.5	296.9	468.5	660.9	913.5	1201.7	1570.0
7.5°	0.0	4.9	8.0	47.5	155.1	314.2	490.8	688.2	942.3	1231.5	1610.9
5°	0.0	5.0	8.2	50.5	164.0	330.1	511.1	712.9	966.3	1255.6	1644.2
2.5°	0.0	5.1	8.3	53.3	172.2	344.5	529.3	734.7	985.8	1274.2	1669.6
0°	0.0	5.1	8.5	55.9	179.5	357.4	545.4	753.8	1001.1	1287.3	1687.1
-2.5°	0.0	5.4	9.8	59.5	186.3	365.5	553.4	764.9	1006.6	1303.9	1698.5
-5°	0.0	5.7	11.1	62.9	192.1	372.0	559.2	773.0	1008.5	1314.7	1702.1
-7.5°	0.0	5.9	12.4	65.9	196.9	376.6	563.0	778.1	1007.1	1319.1	1698.3
-10°	0.0	6.2	13.6	68.5	200.5	379.6	564.7	780.0	1002.7	1316.5	1687.5
-12.5°	0.0	6.4	14.8	70.7	202.9	380.8	564.4	778.7	995.8	1305.9	1669.0
-15°	0.0	6.6	15.9	72.4	204.0	380.2	562.1	774.1	987.9	1285.2	1642.1
-17.5°	0.0	6.8	16.9	73.7	203.9	377.9	558.0	764.8	978.3	1259.3	1607.1
-20°	0.0	7.0	17.8	74.4	202.4	373.9	551.7	751.5	964.7	1228.5	1564.0

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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	7.1	18.7	74.7	199.6	368.2	542.4	735.5	946.9	1192.9	1512.8
-25°	0.0	7.2	19.4	74.3	195.3	359.4	531.1	716.9	924.9	1152.9	1453.5
-27.5°	0.0	7.3	20.1	73.4	189.6	348.3	517.6	695.8	898.6	1114.1	1401.0
-30°	0.0	7.3	20.6	71.9	182.5	335.8	502.0	672.3	869.9	1081.4	1344.9
-32.5°	0.0	7.4	21.0	69.8	174.3	321.7	484.3	650.5	839.5	1043.5	1284.9
-35°	0.0	7.3	21.3	67.1	165.0	306.2	465.1	627.6	806.7	1000.6	1221.3
-37.5°	0.0	7.3	21.4	63.7	154.8	290.6	444.5	602.2	771.4	952.6	1158.4
-40°	0.0	7.2	21.4	59.8	143.8	276.5	422.4	574.5	733.9	907.3	1096.3
-42.5°	0.0	7.1	21.3	55.5	135.4	261.4	398.6	544.5	697.7	859.4	1029.5
-45°	0.0	7.0	21.0	51.1	129.7	245.3	373.4	513.4	660.7	808.4	960.2
-47.5°	0.0	6.8	20.7	46.2	122.9	228.3	346.8	482.3	621.0	754.8	900.3
-50°	0.0	6.6	20.1	44.5	115.1	210.4	324.5	449.7	577.1	705.6	837.5
-52.5°	0.0	6.4	19.5	43.6	106.4	191.6	302.3	415.6	535.1	655.0	773.2
-55°	0.0	6.1	18.7	42.3	96.6	177.4	279.1	381.1	493.0	603.1	716.1
-57.5°	0.0	5.8	17.8	40.4	86.0	163.0	255.1	353.7	449.4	553.2	657.7
-60°	0.0	5.5	16.8	38.1	74.8	147.2	230.7	323.4	405.8	502.9	599.3
-62.5°	0.0	5.1	15.8	35.4	69.5	130.2	208.4	290.4	365.5	451.1	542.2
-65°	0.0	4.7	14.6	32.3	63.4	112.1	184.6	256.2	322.7	399.2	483.6
-67.5°	0.0	4.3	13.4	28.8	56.7	96.9	159.2	222.3	277.7	345.0	420.5
-70°	0.0	3.9	12.2	25.0	49.3	84.8	132.5	187.5	237.4	288.3	353.3
-72.5°	0.0	3.5	10.8	22.0	41.3	71.8	112.1	152.0	196.4	241.4	286.9
-75°	0.0	3.0	9.4	19.1	32.9	57.9	91.6	122.5	154.6	193.8	233.6
-77.5°	0.0	2.5	7.9	16.1	27.2	43.5	70.1	94.7	120.2	147.8	179.3
-80°	0.0	2.0	6.4	13.0	21.9	33.1	47.8	66.3	86.1	107.5	130.5
-82.5°	0.0	1.5	4.8	9.8	16.6	25.0	35.1	42.6	51.4	66.5	82.8
-85°	0.0	1.0	3.2	6.6	11.1	16.8	23.6	28.4	33.5	38.8	44.3
-87.5°	0.0	0.5	1.6	3.3	5.6	8.4	11.8	14.2	16.8	19.4	22.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA6B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3
85°	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	2.0	2.2	2.2	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	2.7	2.7	2.4	2.0	1.7	1.8	1.9	1.9	1.7	1.7	1.7
67.5°	3.3	2.9	2.5	2.3	2.3	2.6	2.5	2.1	1.7	1.7	1.8
65°	3.4	3.0	4.2	4.8	3.5	3.0	2.6	2.2	2.3	2.4	2.4
62.5°	5.1	6.3	8.1	14.3	10.7	3.1	5.6	6.6	4.9	4.0	4.3
60°	16.5	11.2	33.4	47.8	29.9	10.9	13.3	44.2	38.4	7.1	24.0
57.5°	34.8	47.7	87.9	89.5	61.9	42.7	124.2	143.5	108.6	63.4	97.0
55°	76.6	117.7	145.8	134.9	147.4	223.2	265.2	238.2	200.6	308.5	394.2
52.5°	149.6	191.6	201.1	230.9	330.5	379.7	363.8	389.1	504.6	626.6	653.1
50°	220.9	255.2	281.9	407.6	485.5	490.4	526.6	641.1	795.1	869.8	851.7
47.5°	289.7	325.3	449.8	570.6	605.6	653.5	744.0	964.8	1128.0	1131.1	1112.7
45°	362.6	457.5	616.4	695.2	752.0	844.7	1063.2	1367.8	1383.6	1427.8	1700.1
42.5°	440.5	606.7	745.4	827.4	919.0	1092.1	1383.8	1583.5	1652.3	1846.1	2065.0
40°	566.6	750.9	872.1	976.8	1094.7	1347.3	1666.7	1853.9	1909.7	2077.4	2242.0
37.5°	694.6	871.3	1007.1	1133.4	1296.9	1637.8	2007.3	2161.7	2189.9	2220.6	2585.3
35°	817.9	994.8	1157.3	1322.6	1523.2	2013.9	2336.8	2482.0	2477.5	2684.5	3066.4
32.5°	933.1	1121.1	1312.9	1534.0	1864.9	2367.5	2690.6	2777.5	2909.4	3210.6	3731.8
30°	1048.2	1261.9	1482.1	1745.6	2164.7	2600.4	2969.2	3109.0	3335.0	3678.8	4058.1
27.5°	1166.8	1406.3	1672.6	1981.3	2401.3	2801.8	3116.8	3451.0	3670.5	3978.7	4248.5
25°	1284.8	1559.1	1860.7	2187.4	2570.5	2943.8	3269.6	3655.5	3891.2	4139.6	4391.3
22.5°	1408.6	1714.1	2054.7	2350.7	2713.1	3064.4	3452.3	3870.9	4177.4	4335.2	4504.2
20°	1538.1	1881.7	2245.0	2573.0	2853.9	3176.5	3635.7	4144.3	4540.0	4717.6	4740.7
17.5°	1665.6	2044.2	2434.7	2789.8	3092.8	3380.0	3828.3	4471.9	4963.9	5129.0	5202.4
15°	1790.1	2200.4	2623.5	3000.8	3333.4	3684.6	4163.4	4817.9	5380.3	5563.0	5678.6
12.5°	1910.1	2349.4	2809.1	3204.9	3574.3	3968.2	4467.7	5066.8	5580.2	5933.6	6145.7
10°	2024.5	2490.1	2989.3	3400.7	3812.4	4231.2	4719.4	5252.2	5670.1	6011.1	6312.0
7.5°	2082.3	2582.1	3144.2	3587.1	4044.5	4474.3	4925.6	5383.0	5734.9	6069.3	6360.3
5°	2121.5	2619.8	3192.5	3652.1	4167.8	4636.4	5074.6	5468.8	5777.2	6108.7	6392.9
2.5°	2149.5	2644.3	3225.3	3687.6	4214.1	4686.2	5117.5	5497.5	5812.1	6136.8	6427.9
0°	2166.4	2655.9	3242.0	3709.5	4243.1	4719.0	5142.5	5508.4	5835.3	6150.3	6463.7
-2.5°	2176.0	2691.5	3253.1	3765.7	4271.1	4747.3	5177.4	5534.5	5876.2	6175.9	6490.1
-5°	2174.8	2712.7	3250.2	3803.5	4284.5	4758.3	5194.9	5546.4	5898.3	6195.1	6500.8
-7.5°	2163.0	2717.6	3235.5	3815.4	4285.0	4754.6	5187.2	5552.0	5898.0	6212.7	6501.8
-10°	2141.9	2698.4	3222.0	3784.8	4268.6	4735.3	5163.8	5539.6	5884.2	6209.2	6496.2
-12.5°	2117.1	2658.8	3193.8	3740.7	4235.2	4699.3	5128.2	5507.9	5858.4	6182.6	6483.3
-15°	2079.8	2606.1	3147.4	3684.7	4184.4	4646.9	5082.1	5456.1	5818.7	6136.1	6444.8
-17.5°	2029.8	2540.8	3082.0	3618.3	4115.9	4578.5	5022.9	5387.8	5748.6	6076.6	6374.5
-20°	1966.7	2463.5	2997.2	3542.8	4029.0	4486.7	4917.2	5299.3	5657.8	5991.5	6304.5



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 CATALOG NUMBER: GFLD-SA6B-730-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°	1890.4	2374.6	2895.1	3440.8	3920.5	4373.1	4798.4	5186.7	5558.1	5880.8	6214.4
-25°	1814.0	2280.6	2782.2	3299.8	3794.5	4245.1	4671.7	5050.0	5429.6	5765.3	6082.1
-27.5°	1740.8	2171.6	2651.2	3144.5	3651.6	4100.2	4522.9	4901.5	5270.0	5637.0	5942.1
-30°	1658.7	2045.4	2507.5	2978.7	3473.1	3929.8	4355.7	4748.5	5099.2	5461.6	5789.2
-32.5°	1568.1	1911.6	2355.8	2809.1	3275.3	3742.0	4164.0	4554.1	4919.0	5261.8	5605.6
-35°	1479.5	1803.6	2195.0	2626.9	3065.6	3523.5	3945.8	4332.2	4710.9	5050.5	5379.0
-37.5°	1399.8	1686.6	2024.1	2436.7	2856.0	3289.1	3718.5	4092.6	4453.0	4826.3	5146.7
-40°	1313.5	1560.9	1876.1	2240.8	2635.9	3047.8	3459.0	3846.0	4184.8	4553.7	4906.1
-42.5°	1223.2	1458.6	1730.1	2033.4	2406.4	2794.8	3191.7	3570.2	3922.0	4270.1	4619.3
-45°	1144.1	1350.3	1581.5	1858.7	2162.4	2527.6	2903.4	3280.8	3618.3	3950.0	4294.9
-47.5°	1060.0	1241.4	1455.2	1676.6	1940.6	2246.0	2599.4	2947.4	3293.0	3608.6	3913.7
-50°	976.2	1143.4	1319.1	1518.4	1736.2	1983.8	2277.4	2600.9	2916.5	3240.5	3542.8
-52.5°	903.9	1040.4	1199.1	1365.4	1551.9	1756.7	1991.9	2257.6	2544.7	2819.7	3121.3
-55°	829.0	952.0	1080.1	1226.5	1381.7	1554.6	1747.4	1970.7	2189.8	2444.1	2690.3
-57.5°	760.6	864.3	973.6	1094.6	1229.3	1367.7	1536.2	1709.9	1908.7	2106.4	2301.3
-60°	696.3	780.9	873.7	976.0	1084.4	1207.5	1333.3	1482.5	1642.6	1800.4	1965.8
-62.5°	631.3	702.6	778.1	863.1	957.6	1050.7	1158.0	1273.0	1390.8	1524.6	1655.0
-65°	564.5	622.2	686.2	756.7	832.1	911.3	993.8	1079.0	1179.2	1277.2	1372.0
-67.5°	493.5	542.9	594.7	650.3	713.5	775.7	837.8	909.7	983.5	1056.0	1131.2
-70°	414.9	461.4	504.7	549.7	596.7	645.4	698.5	751.3	803.3	857.6	917.9
-72.5°	335.0	377.8	415.8	449.1	487.7	528.2	567.0	604.0	643.3	684.5	725.3
-75°	267.2	295.4	329.4	360.4	391.1	419.6	445.2	476.6	509.4	539.3	564.0
-77.5°	208.5	234.2	257.4	278.2	302.7	331.3	356.2	377.6	398.4	421.1	445.1
-80°	151.7	173.0	194.2	213.4	227.5	243.7	262.8	284.6	303.6	319.0	333.0
-82.5°	97.9	113.3	129.1	145.1	151.6	156.1	160.3	167.9	179.6	191.2	202.2
-85°	48.8	53.3	62.9	72.7	76.1	78.5	80.2	81.1	85.1	88.7	91.9
-87.5°	24.4	26.7	28.9	31.1	29.9	28.3	26.4	24.0	23.4	22.7	21.9
-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: P645551 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-730-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°	1.4	1.4	1.5	1.5	1.5	1.2	0.8	0.4	0.0	0.0	0.0
85°	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.2	0.8
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
67.5°	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.1
65°	2.4	2.3	2.4	2.4	2.1	2.0	2.1	2.1	1.9	1.5	1.0
62.5°	4.3	4.8	3.8	3.8	3.7	3.6	3.4	3.2	3.0	2.9	3.0
60°	26.6	15.7	9.2	10.7	9.6	6.4	8.2	9.6	9.7	8.9	7.8
57.5°	147.2	110.0	81.4	194.4	195.0	93.1	112.1	176.2	145.2	47.7	44.3
55°	409.6	489.9	644.8	612.4	622.4	715.8	781.6	692.0	678.4	722.8	835.0
52.5°	735.9	812.4	864.5	913.2	972.5	1036.2	1101.9	1143.7	1182.8	1224.4	1249.2
50°	939.7	1047.5	1121.6	1094.3	1247.8	1310.6	1246.9	1303.9	1373.4	1392.5	1401.4
47.5°	1387.5	1545.7	1577.1	1679.0	1770.6	1768.6	1690.9	1695.4	1902.3	2084.9	2174.5
45°	1994.1	1999.4	2098.9	2278.8	2407.5	2367.0	2475.5	2722.3	2804.5	2883.9	2949.0
42.5°	2230.3	2328.2	2487.0	2646.1	2742.0	2825.2	2905.5	2996.3	3102.9	3189.4	3258.6
40°	2459.1	2538.0	2700.5	2828.7	2908.1	2985.8	3079.4	3179.9	3277.5	3353.6	3405.5
37.5°	2811.3	2872.4	2912.0	3031.0	3181.2	3111.8	3289.6	3417.0	3475.2	3552.4	3559.4
35°	3344.0	3303.3	3250.6	3724.2	3752.5	3592.6	3758.8	3956.3	3852.2	4069.1	4185.6
32.5°	3816.3	3810.3	4223.6	4472.6	4329.3	4446.3	4829.4	4812.4	5067.7	5186.2	5152.4
30°	4261.3	4413.1	4652.2	4837.6	4862.5	5046.8	5217.0	5366.0	5520.1	5658.3	5667.8
27.5°	4487.2	4685.3	4847.6	4954.9	5074.7	5229.8	5384.2	5552.0	5683.1	5769.8	5790.9
25°	4623.8	4826.3	4949.1	5064.6	5196.8	5330.6	5503.5	5686.3	5791.6	5845.1	5862.1
22.5°	4744.3	4926.2	5058.3	5152.0	5294.2	5438.3	5599.4	5754.2	5868.6	5891.9	5900.5
20°	4860.3	5035.0	5255.6	5393.6	5386.8	5549.0	5704.3	5827.3	5922.7	5922.2	5924.5
17.5°	5195.8	5258.1	5658.5	5962.4	5811.9	5732.6	6159.7	6167.8	6193.1	6142.7	6033.5
15°	5692.5	5806.0	6297.8	6627.4	6523.6	6518.2	7135.1	6982.1	7113.7	7079.3	7227.5
12.5°	6218.6	6353.0	6720.6	7044.1	7198.4	7236.2	7442.3	7635.4	7675.0	7659.4	7630.3
10°	6577.0	6768.5	6916.2	7112.6	7268.1	7426.7	7546.1	7684.8	7730.2	7703.9	7666.8
7.5°	6623.7	6813.0	6986.3	7158.6	7306.7	7434.5	7558.4	7671.3	7717.5	7702.3	7676.8
5°	6653.3	6824.9	6992.9	7167.7	7309.3	7427.7	7551.2	7665.5	7692.8	7674.5	7649.6
2.5°	6671.6	6830.4	6992.4	7166.4	7295.1	7407.8	7532.7	7654.7	7654.6	7646.5	7632.0
0°	6680.5	6839.7	7027.8	7185.3	7329.3	7436.0	7559.6	7678.2	7669.7	7647.7	7622.3
-2.5°	6699.5	6860.9	7052.7	7183.3	7345.6	7443.4	7571.1	7673.8	7669.9	7659.1	7646.5
-5°	6716.5	6897.9	7077.4	7214.8	7377.5	7505.3	7632.3	7712.6	7716.9	7701.8	7680.6
-7.5°	6726.9	6928.0	7099.2	7237.1	7395.0	7543.6	7672.4	7756.7	7758.6	7738.5	7713.2
-10°	6723.4	6935.8	7112.0	7254.5	7416.1	7562.9	7697.6	7804.5	7801.0	7781.9	7760.3
-12.5°	6710.7	6922.8	7103.8	7246.8	7430.3	7581.4	7732.9	7839.2	7844.8	7830.5	7807.1
-15°	6682.8	6901.8	7077.9	7234.0	7413.8	7590.5	7746.2	7863.4	7884.4	7872.6	7854.1
-17.5°	6627.7	6858.7	7045.4	7213.7	7386.3	7574.5	7751.6	7879.8	7908.4	7903.7	7888.4
-20°	6555.2	6793.6	6983.2	7159.4	7347.3	7541.3	7747.4	7864.5	7906.0	7908.6	7898.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645551 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6B-730-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°	6473.8	6707.3	6908.4	7081.6	7285.4	7481.7	7668.3	7805.5	7875.2	7888.1	7889.0
-25°	6376.3	6616.1	6816.0	7000.5	7190.0	7392.7	7581.3	7734.5	7805.1	7838.9	7849.3
-27.5°	6238.4	6486.3	6683.0	6878.0	7070.7	7280.2	7478.4	7645.0	7702.4	7748.8	7767.4
-30°	6076.9	6322.1	6522.6	6700.9	6921.4	7134.9	7339.5	7484.8	7571.5	7624.6	7653.6
-32.5°	5891.3	6138.8	6349.2	6535.4	6745.0	6958.5	7150.9	7304.2	7423.7	7485.0	7516.0
-35°	5690.0	5942.6	6163.0	6359.1	6556.4	6759.9	6959.3	7119.6	7255.8	7308.4	7347.3
-37.5°	5447.1	5725.9	5951.7	6154.0	6341.5	6532.8	6740.4	6923.7	7055.9	7107.0	7148.0
-40°	5198.1	5467.5	5695.3	5911.1	6096.4	6305.3	6505.3	6697.4	6812.1	6871.7	6918.1
-42.5°	4935.2	5178.6	5395.2	5604.8	5811.2	6026.3	6226.1	6425.8	6525.0	6596.8	6653.7
-45°	4631.7	4858.2	5068.7	5264.8	5477.6	5689.0	5889.0	6065.5	6183.6	6277.0	6349.7
-47.5°	4227.1	4503.0	4714.4	4900.9	5111.9	5315.9	5509.7	5675.6	5805.1	5914.4	5998.8
-50°	3816.2	4081.0	4319.4	4529.0	4724.7	4913.3	5097.8	5260.1	5397.1	5515.6	5601.1
-52.5°	3411.5	3659.6	3896.2	4112.5	4300.7	4478.7	4647.5	4810.8	4955.3	5081.9	5164.7
-55°	2954.3	3211.3	3445.3	3647.0	3835.0	4011.0	4177.7	4332.5	4474.8	4603.7	4683.0
-57.5°	2525.4	2750.8	2968.5	3154.7	3332.2	3499.8	3657.8	3806.1	3943.0	4064.4	4140.8
-60°	2131.1	2295.4	2482.8	2654.8	2812.0	2954.7	3102.1	3240.3	3366.1	3472.8	3544.1
-62.5°	1782.6	1918.8	2054.0	2184.8	2312.4	2440.5	2564.0	2678.6	2783.7	2871.1	2933.5
-65°	1472.1	1581.5	1679.3	1772.0	1860.3	1961.4	2055.3	2143.6	2225.3	2292.3	2339.8
-67.5°	1212.1	1289.0	1356.7	1420.3	1490.0	1561.4	1628.3	1686.7	1736.6	1776.3	1807.7
-70°	977.5	1034.0	1085.1	1135.8	1186.7	1233.1	1277.4	1320.4	1361.1	1394.3	1419.3
-72.5°	765.5	804.2	838.9	878.0	914.6	949.8	980.5	1005.3	1024.5	1043.2	1059.5
-75°	583.6	612.6	651.8	684.9	712.3	736.4	758.6	778.4	795.8	811.1	824.6
-77.5°	469.4	494.0	519.0	543.2	566.5	583.9	600.0	616.1	631.9	645.5	657.6
-80°	347.9	366.3	385.5	404.9	424.2	433.8	441.5	448.5	454.8	462.9	470.5
-82.5°	212.7	223.1	233.9	244.7	255.5	258.2	259.2	258.9	257.5	254.6	250.1
-85°	94.6	95.2	94.9	93.8	92.0	88.3	83.7	78.4	72.4	71.5	70.4
-87.5°	20.8	20.4	19.8	19.1	18.4	18.4	18.3	18.1	18.0	18.6	19.2
-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: P645551 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-730-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	0.4
85°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	1.7	1.7	0.9	0.0	0.9	1.7	1.7	1.7	1.7	1.7	1.7
70°	1.7	1.7	0.9	0.0	0.9	1.7	1.7	1.7	1.7	1.7	1.7
67.5°	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.1	1.5	1.7	1.7
65°	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.0	1.5	1.9	2.1
62.5°	3.1	3.3	3.4	3.4	3.4	3.3	3.1	3.0	2.9	3.0	3.2
60°	6.1	4.0	3.4	3.4	3.4	4.0	6.1	7.8	8.9	9.7	9.6
57.5°	37.4	27.9	23.7	22.0	23.7	27.9	37.4	44.3	47.7	145.2	176.2
55°	915.4	962.0	996.8	1012.9	996.8	962.0	915.4	835.0	722.8	678.4	692.0
52.5°	1271.0	1291.2	1302.9	1302.6	1302.9	1291.2	1271.0	1249.2	1224.4	1182.8	1143.7
50°	1416.7	1426.6	1430.1	1427.9	1430.1	1426.6	1416.7	1401.4	1392.5	1373.4	1303.9
47.5°	2092.6	1911.5	1778.3	1746.4	1778.3	1911.5	2092.6	2174.5	2084.9	1902.3	1695.4
45°	2980.3	3049.0	3117.4	3138.7	3117.4	3049.0	2980.3	2949.0	2883.9	2804.5	2722.3
42.5°	3287.7	3310.1	3322.8	3323.3	3322.8	3310.1	3287.7	3258.6	3189.4	3102.9	2996.3
40°	3434.5	3455.6	3467.9	3469.0	3467.9	3455.6	3434.5	3405.5	3353.6	3277.5	3179.9
37.5°	3567.8	3585.7	3597.6	3609.6	3597.6	3585.7	3567.8	3559.4	3552.4	3475.2	3417.0
35°	4169.9	4033.5	3837.3	3867.0	3837.3	4033.5	4169.9	4185.6	4069.1	3852.2	3956.3
32.5°	5205.2	5262.6	5298.4	5359.3	5298.4	5262.6	5205.2	5152.4	5186.2	5067.7	4812.4
30°	5682.9	5701.9	5730.6	5760.8	5730.6	5701.9	5682.9	5667.8	5658.3	5520.1	5366.0
27.5°	5802.1	5821.8	5839.2	5852.2	5839.2	5821.8	5802.1	5790.9	5769.8	5683.1	5552.0
25°	5864.5	5876.7	5895.3	5911.5	5895.3	5876.7	5864.5	5862.1	5845.1	5791.6	5686.3
22.5°	5895.5	5896.8	5911.3	5931.8	5911.3	5896.8	5895.5	5900.5	5891.9	5868.6	5754.2
20°	5916.8	5905.2	5920.2	5933.5	5920.2	5905.2	5916.8	5924.5	5922.2	5922.7	5827.3
17.5°	6187.6	6033.1	5969.6	5970.8	5969.6	6033.1	6187.6	6033.5	6142.7	6193.1	6167.8
15°	7061.1	7119.2	7341.4	7461.4	7341.4	7119.2	7061.1	7227.5	7079.3	7113.7	6982.1
12.5°	7624.9	7604.3	7577.9	7613.8	7577.9	7604.3	7624.9	7630.3	7659.4	7675.0	7635.4
10°	7651.0	7648.6	7601.6	7652.8	7601.6	7648.6	7651.0	7666.8	7703.9	7730.2	7684.8
7.5°	7635.0	7636.4	7616.4	7666.3	7616.4	7636.4	7635.0	7676.8	7702.3	7717.5	7671.3
5°	7645.6	7611.1	7624.2	7652.8	7624.2	7611.1	7645.6	7649.6	7674.5	7692.8	7665.5
2.5°	7616.0	7612.4	7587.0	7607.1	7587.0	7612.4	7616.0	7632.0	7646.5	7654.6	7654.7
0°	7593.5	7574.9	7574.9	7591.8	7574.9	7574.9	7593.5	7622.3	7647.7	7669.7	7678.2
-2.5°	7633.6	7629.7	7627.2	7615.5	7627.2	7629.7	7633.6	7646.5	7659.1	7669.9	7673.8
-5°	7666.5	7656.5	7628.7	7666.3	7628.7	7656.5	7666.5	7680.6	7701.8	7716.9	7712.6
-7.5°	7701.9	7676.2	7649.8	7708.7	7649.8	7676.2	7701.9	7713.2	7738.5	7758.6	7756.7
-10°	7734.3	7697.1	7671.4	7729.0	7671.4	7697.1	7734.3	7760.3	7781.9	7801.0	7804.5
-12.5°	7777.0	7733.6	7716.4	7747.6	7716.4	7733.6	7777.0	7807.1	7830.5	7844.8	7839.2
-15°	7822.6	7792.5	7788.6	7806.9	7788.6	7792.5	7822.6	7854.1	7872.6	7884.4	7863.4
-17.5°	7862.7	7841.5	7852.0	7873.0	7852.0	7841.5	7862.7	7888.4	7903.7	7908.4	7879.8
-20°	7881.8	7870.0	7881.7	7934.0	7881.7	7870.0	7881.8	7898.2	7908.6	7906.0	7864.5



REPORT NUMBER: P645551 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-730-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°	7880.2	7881.0	7901.7	7918.7	7901.7	7881.0	7880.2	7889.0	7888.1	7875.2	7805.5
-25°	7850.1	7866.0	7889.7	7923.8	7889.7	7866.0	7850.1	7849.3	7838.9	7805.1	7734.5
-27.5°	7777.6	7803.9	7828.7	7864.5	7828.7	7803.9	7777.6	7767.4	7748.8	7702.4	7645.0
-30°	7672.8	7704.1	7726.2	7764.6	7726.2	7704.1	7672.8	7653.6	7624.6	7571.5	7484.8
-32.5°	7545.1	7580.5	7606.8	7634.2	7606.8	7580.5	7545.1	7516.0	7485.0	7423.7	7304.2
-35°	7385.7	7423.8	7451.7	7476.6	7451.7	7423.8	7385.7	7347.3	7308.4	7255.8	7119.6
-37.5°	7194.0	7235.1	7266.9	7295.4	7266.9	7235.1	7194.0	7148.0	7107.0	7055.9	6923.7
-40°	6970.7	7012.9	7046.8	7078.6	7046.8	7012.9	6970.7	6918.1	6871.7	6812.1	6697.4
-42.5°	6709.7	6752.2	6787.2	6819.4	6787.2	6752.2	6709.7	6653.7	6596.8	6525.0	6425.8
-45°	6408.2	6452.0	6489.0	6523.0	6489.0	6452.0	6408.2	6349.7	6277.0	6183.6	6065.5
-47.5°	6061.1	6107.9	6139.6	6155.4	6139.6	6107.9	6061.1	5998.8	5914.4	5805.1	5675.6
-50°	5663.1	5709.9	5747.9	5776.0	5747.9	5709.9	5663.1	5601.1	5515.6	5397.1	5260.1
-52.5°	5225.0	5269.6	5302.3	5322.1	5302.3	5269.6	5225.0	5164.7	5081.9	4955.3	4810.8
-55°	4745.4	4792.1	4823.1	4837.6	4823.1	4792.1	4745.4	4683.0	4603.7	4474.8	4332.5
-57.5°	4201.3	4245.7	4278.7	4297.3	4278.7	4245.7	4201.3	4140.8	4064.4	3943.0	3806.1
-60°	3599.5	3639.2	3664.2	3673.9	3664.2	3639.2	3599.5	3544.1	3472.8	3366.1	3240.3
-62.5°	2983.9	3021.4	3044.9	3054.0	3044.9	3021.4	2983.9	2933.5	2871.1	2783.7	2678.6
-65°	2375.3	2398.8	2411.8	2413.7	2411.8	2398.8	2375.3	2339.8	2292.3	2225.3	2143.6
-67.5°	1832.4	1850.4	1861.2	1864.9	1861.2	1850.4	1832.4	1807.7	1776.3	1736.6	1686.7
-70°	1437.9	1450.2	1457.2	1458.4	1457.2	1450.2	1437.9	1419.3	1394.3	1361.1	1320.4
-72.5°	1072.0	1080.8	1077.7	1070.5	1077.7	1080.8	1072.0	1059.5	1043.2	1024.5	1005.3
-75°	836.3	846.0	842.0	835.1	842.0	846.0	836.3	824.6	811.1	795.8	778.4
-77.5°	668.1	676.9	672.6	665.7	672.6	676.9	668.1	657.6	645.5	631.9	616.1
-80°	477.0	482.3	486.0	487.8	486.0	482.3	477.0	470.5	462.9	454.8	448.5
-82.5°	244.2	237.0	232.5	227.0	232.5	237.0	244.2	250.1	254.6	257.5	258.9
-85°	69.1	67.5	68.5	69.4	68.5	67.5	69.1	70.4	71.5	72.4	78.4
-87.5°	19.7	20.2	20.3	20.3	20.3	20.2	19.7	19.2	18.6	18.0	18.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645551 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	1.2	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2
85°	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9
67.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	2.1
65°	2.1	2.0	2.1	2.4	2.4	2.3	2.4	2.4	2.4	2.3	2.2
62.5°	3.4	3.6	3.7	3.8	3.8	4.8	4.3	4.3	4.0	4.9	6.6
60°	8.2	6.4	9.6	10.7	9.2	15.7	26.6	24.0	7.1	38.4	44.2
57.5°	112.1	93.1	195.0	194.4	81.4	110.0	147.2	97.0	63.4	108.6	143.5
55°	781.6	715.8	622.4	612.4	644.8	489.9	409.6	394.2	308.5	200.6	238.2
52.5°	1101.9	1036.2	972.5	913.2	864.5	812.4	735.9	653.1	626.6	504.6	389.1
50°	1246.9	1310.6	1247.8	1094.3	1121.6	1047.5	939.7	851.7	869.8	795.1	641.1
47.5°	1690.9	1768.6	1770.6	1679.0	1577.1	1545.7	1387.5	1112.7	1131.1	1128.0	964.8
45°	2475.5	2367.0	2407.5	2278.8	2098.9	1999.4	1994.1	1700.1	1427.8	1383.6	1367.8
42.5°	2905.5	2825.2	2742.0	2646.1	2487.0	2328.2	2230.3	2065.0	1846.1	1652.3	1583.5
40°	3079.4	2985.8	2908.1	2828.7	2700.5	2538.0	2459.1	2242.0	2077.4	1909.7	1853.9
37.5°	3289.6	3111.8	3181.2	3031.0	2912.0	2872.4	2811.3	2585.3	2220.6	2189.9	2161.7
35°	3758.8	3592.6	3752.5	3724.2	3250.6	3303.3	3344.0	3066.4	2684.5	2477.5	2482.0
32.5°	4829.4	4446.3	4329.3	4472.6	4223.6	3810.3	3816.3	3731.8	3210.6	2909.4	2777.5
30°	5217.0	5046.8	4862.5	4837.6	4652.2	4413.1	4261.3	4058.1	3678.8	3335.0	3109.0
27.5°	5384.2	5229.8	5074.7	4954.9	4847.6	4685.3	4487.2	4248.5	3978.7	3670.5	3451.0
25°	5503.5	5330.6	5196.8	5064.6	4949.1	4826.3	4623.8	4391.3	4139.6	3891.2	3655.5
22.5°	5599.4	5438.3	5294.2	5152.0	5058.3	4926.2	4744.3	4504.2	4335.2	4177.4	3870.9
20°	5704.3	5549.0	5386.8	5393.6	5255.6	5035.0	4860.3	4740.7	4717.6	4540.0	4144.3
17.5°	6159.7	5732.6	5811.9	5962.4	5658.5	5258.1	5195.8	5202.4	5129.0	4963.9	4471.9
15°	7135.1	6518.2	6523.6	6627.4	6297.8	5806.0	5692.5	5678.6	5563.0	5380.3	4817.9
12.5°	7442.3	7236.2	7198.4	7044.1	6720.6	6353.0	6218.6	6145.7	5933.6	5580.2	5066.8
10°	7546.1	7426.7	7268.1	7112.6	6916.2	6768.5	6577.0	6312.0	6011.1	5670.1	5252.2
7.5°	7558.4	7434.5	7306.7	7158.6	6986.3	6813.0	6623.7	6360.3	6069.3	5734.9	5383.0
5°	7551.2	7427.7	7309.3	7167.7	6992.9	6824.9	6653.3	6392.9	6108.7	5777.2	5468.8
2.5°	7532.7	7407.8	7295.1	7166.4	6992.4	6830.4	6671.6	6427.9	6136.8	5812.1	5497.5
0°	7559.6	7436.0	7329.3	7185.3	7027.8	6839.7	6680.5	6463.7	6150.3	5835.3	5508.4
-2.5°	7571.1	7443.4	7345.6	7183.3	7052.7	6860.9	6699.5	6490.1	6175.9	5876.2	5534.5
-5°	7632.3	7505.3	7377.5	7214.8	7077.4	6897.9	6716.5	6500.8	6195.1	5898.3	5546.4
-7.5°	7672.4	7543.6	7395.0	7237.1	7099.2	6928.0	6726.9	6501.8	6212.7	5898.0	5552.0
-10°	7697.6	7562.9	7416.1	7254.5	7112.0	6935.8	6723.4	6496.2	6209.2	5884.2	5539.6
-12.5°	7732.9	7581.4	7430.3	7246.8	7103.8	6922.8	6710.7	6483.3	6182.6	5858.4	5507.9
-15°	7746.2	7590.5	7413.8	7234.0	7077.9	6901.8	6682.8	6444.8	6136.1	5818.7	5456.1
-17.5°	7751.6	7574.5	7386.3	7213.7	7045.4	6858.7	6627.7	6374.5	6076.6	5748.6	5387.8
-20°	7747.4	7541.3	7347.3	7159.4	6983.2	6793.6	6555.2	6304.5	5991.5	5657.8	5299.3

Classified

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

Scaled Data Report



REPORT NUMBER: P645551 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7668.3	7481.7	7285.4	7081.6	6908.4	6707.3	6473.8	6214.4	5880.8	5558.1	5186.7
-25°	7581.3	7392.7	7190.0	7000.5	6816.0	6616.1	6376.3	6082.1	5765.3	5429.6	5050.0
-27.5°	7478.4	7280.2	7070.7	6878.0	6683.0	6486.3	6238.4	5942.1	5637.0	5270.0	4901.5
-30°	7339.5	7134.9	6921.4	6700.9	6522.6	6322.1	6076.9	5789.2	5461.6	5099.2	4748.5
-32.5°	7150.9	6958.5	6745.0	6535.4	6349.2	6138.8	5891.3	5605.6	5261.8	4919.0	4554.1
-35°	6959.3	6759.9	6556.4	6359.1	6163.0	5942.6	5690.0	5379.0	5050.5	4710.9	4332.2
-37.5°	6740.4	6532.8	6341.5	6154.0	5951.7	5725.9	5447.1	5146.7	4826.3	4453.0	4092.6
-40°	6505.3	6305.3	6096.4	5911.1	5695.3	5467.5	5198.1	4906.1	4553.7	4184.8	3846.0
-42.5°	6226.1	6026.3	5811.2	5604.8	5395.2	5178.6	4935.2	4619.3	4270.1	3922.0	3570.2
-45°	5889.0	5689.0	5477.6	5264.8	5068.7	4858.2	4631.7	4294.9	3950.0	3618.3	3280.8
-47.5°	5509.7	5315.9	5111.9	4900.9	4714.4	4503.0	4227.1	3913.7	3608.6	3293.0	2947.4
-50°	5097.8	4913.3	4724.7	4529.0	4319.4	4081.0	3816.2	3542.8	3240.5	2916.5	2600.9
-52.5°	4647.5	4478.7	4300.7	4112.5	3896.2	3659.6	3411.5	3121.3	2819.7	2544.7	2257.6
-55°	4177.7	4011.0	3835.0	3647.0	3445.3	3211.3	2954.3	2690.3	2444.1	2189.8	1970.7
-57.5°	3657.8	3499.8	3332.2	3154.7	2968.5	2750.8	2525.4	2301.3	2106.4	1908.7	1709.9
-60°	3102.1	2954.7	2812.0	2654.8	2482.8	2295.4	2131.1	1965.8	1800.4	1642.6	1482.5
-62.5°	2564.0	2440.5	2312.4	2184.8	2054.0	1918.8	1782.6	1655.0	1524.6	1390.8	1273.0
-65°	2055.3	1961.4	1860.3	1772.0	1679.3	1581.5	1472.1	1372.0	1277.2	1179.2	1079.0
-67.5°	1628.3	1561.4	1490.0	1420.3	1356.7	1289.0	1212.1	1131.2	1056.0	983.5	909.7
-70°	1277.4	1233.1	1186.7	1135.8	1085.1	1034.0	977.5	917.9	857.6	803.3	751.3
-72.5°	980.5	949.8	914.6	878.0	838.9	804.2	765.5	725.3	684.5	643.3	604.0
-75°	758.6	736.4	712.3	684.9	651.8	612.6	583.6	564.0	539.3	509.4	476.6
-77.5°	600.0	583.9	566.5	543.2	519.0	494.0	469.4	445.1	421.1	398.4	377.6
-80°	441.5	433.8	424.2	404.9	385.5	366.3	347.9	333.0	319.0	303.6	284.6
-82.5°	259.2	258.2	255.5	244.7	233.9	223.1	212.7	202.2	191.2	179.6	167.9
-85°	83.7	88.3	92.0	93.8	94.9	95.2	94.6	91.9	88.7	85.1	81.1
-87.5°	18.3	18.4	18.4	19.1	19.8	20.4	20.8	21.9	22.7	23.4	24.0
-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: P645551 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-730-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°	1.1	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.8	0.9	0.9
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.6	1.8	1.8
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.2	2.6	2.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.2	2.6	3.0
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.2	2.6	3.0
75°	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.8	2.2	2.7	3.1
72.5°	1.7	1.7	1.7	1.9	2.2	2.2	2.0	1.9	2.3	2.7	3.1
70°	1.9	1.8	1.7	2.0	2.4	2.7	2.7	2.7	2.4	2.7	3.1
67.5°	2.5	2.6	2.3	2.3	2.5	2.9	3.3	3.8	3.8	2.8	3.2
65°	2.6	3.0	3.5	4.8	4.2	3.0	3.4	6.7	5.3	4.5	3.2
62.5°	5.6	3.1	10.7	14.3	8.1	6.3	5.1	14.8	9.3	6.3	4.5
60°	13.3	10.9	29.9	47.8	33.4	11.2	16.5	25.6	23.5	8.2	6.4
57.5°	124.2	42.7	61.9	89.5	87.9	47.7	34.8	46.4	40.0	23.0	9.1
55°	265.2	223.2	147.4	134.9	145.8	117.7	76.6	75.1	61.7	42.7	14.6
52.5°	363.8	379.7	330.5	230.9	201.1	191.6	149.6	109.0	96.8	64.1	37.1
50°	526.6	490.4	485.5	407.6	281.9	255.2	220.9	170.3	135.8	91.7	62.7
47.5°	744.0	653.5	605.6	570.6	449.8	325.3	289.7	232.9	178.8	132.2	89.5
45°	1063.2	844.7	752.0	695.2	616.4	457.5	362.6	293.7	233.1	177.4	117.6
42.5°	1383.8	1092.1	919.0	827.4	745.4	606.7	440.5	363.8	285.9	223.4	153.2
40°	1666.7	1347.3	1094.7	976.8	872.1	750.9	566.6	438.8	337.8	270.9	193.7
37.5°	2007.3	1637.8	1296.9	1133.4	1007.1	871.3	694.6	517.1	400.0	320.6	234.2
35°	2336.8	2013.9	1523.2	1322.6	1157.3	994.8	817.9	609.7	476.5	371.1	274.8
32.5°	2690.6	2367.5	1864.9	1534.0	1312.9	1121.1	933.1	722.4	553.4	422.3	315.2
30°	2969.2	2600.4	2164.7	1745.6	1482.1	1261.9	1048.2	830.4	630.5	473.9	356.0
27.5°	3116.8	2801.8	2401.3	1981.3	1672.6	1406.3	1166.8	933.7	707.5	530.6	398.5
25°	3269.6	2943.8	2570.5	2187.4	1860.7	1559.1	1284.8	1032.1	791.6	594.6	440.5
22.5°	3452.3	3064.4	2713.1	2350.7	2054.7	1714.1	1408.6	1131.8	875.7	657.3	481.9
20°	3635.7	3176.5	2853.9	2573.0	2245.0	1881.7	1538.1	1229.0	955.0	718.4	522.4
17.5°	3828.3	3380.0	3092.8	2789.8	2434.7	2044.2	1665.6	1323.2	1029.4	777.5	561.7
15°	4163.4	3684.6	3333.4	3000.8	2623.5	2200.4	1790.1	1413.7	1098.8	834.4	598.3
12.5°	4467.7	3968.2	3574.3	3204.9	2809.1	2349.4	1910.1	1499.8	1163.1	879.7	630.9
10°	4719.4	4231.2	3812.4	3400.7	2989.3	2490.1	2024.5	1570.0	1201.7	913.5	660.9
7.5°	4925.6	4474.3	4044.5	3587.1	3144.2	2582.1	2082.3	1610.9	1231.5	942.3	688.2
5°	5074.6	4636.4	4167.8	3652.1	3192.5	2619.8	2121.5	1644.2	1255.6	966.3	712.9
2.5°	5117.5	4686.2	4214.1	3687.6	3225.3	2644.3	2149.5	1669.6	1274.2	985.8	734.7
0°	5142.5	4719.0	4243.1	3709.5	3242.0	2655.9	2166.4	1687.1	1287.3	1001.1	753.8
-2.5°	5177.4	4747.3	4271.1	3765.7	3253.1	2691.5	2176.0	1698.5	1303.9	1006.6	764.9
-5°	5194.9	4758.3	4284.5	3803.5	3250.2	2712.7	2174.8	1702.1	1314.7	1008.5	773.0
-7.5°	5187.2	4754.6	4285.0	3815.4	3235.5	2717.6	2163.0	1698.3	1319.1	1007.1	778.1
-10°	5163.8	4735.3	4268.6	3784.8	3222.0	2698.4	2141.9	1687.5	1316.5	1002.7	780.0
-12.5°	5128.2	4699.3	4235.2	3740.7	3193.8	2658.8	2117.1	1669.0	1305.9	995.8	778.7
-15°	5082.1	4646.9	4184.4	3684.7	3147.4	2606.1	2079.8	1642.1	1285.2	987.9	774.1
-17.5°	5022.9	4578.5	4115.9	3618.3	3082.0	2540.8	2029.8	1607.1	1259.3	978.3	764.8
-20°	4917.2	4486.7	4029.0	3542.8	2997.2	2463.5	1966.7	1564.0	1228.5	964.7	751.5



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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°	4798.4	4373.1	3920.5	3440.8	2895.1	2374.6	1890.4	1512.8	1192.9	946.9	735.5
-25°	4671.7	4245.1	3794.5	3299.8	2782.2	2280.6	1814.0	1453.5	1152.9	924.9	716.9
-27.5°	4522.9	4100.2	3651.6	3144.5	2651.2	2171.6	1740.8	1401.0	1114.1	898.6	695.8
-30°	4355.7	3929.8	3473.1	2978.7	2507.5	2045.4	1658.7	1344.9	1081.4	869.9	672.3
-32.5°	4164.0	3742.0	3275.3	2809.1	2355.8	1911.6	1568.1	1284.9	1043.5	839.5	650.5
-35°	3945.8	3523.5	3065.6	2626.9	2195.0	1803.6	1479.5	1221.3	1000.6	806.7	627.6
-37.5°	3718.5	3289.1	2856.0	2436.7	2024.1	1686.6	1399.8	1158.4	952.6	771.4	602.2
-40°	3459.0	3047.8	2635.9	2240.8	1876.1	1560.9	1313.5	1096.3	907.3	733.9	574.5
-42.5°	3191.7	2794.8	2406.4	2033.4	1730.1	1458.6	1223.2	1029.5	859.4	697.7	544.5
-45°	2903.4	2527.6	2162.4	1858.7	1581.5	1350.3	1144.1	960.2	808.4	660.7	513.4
-47.5°	2599.4	2246.0	1940.6	1676.6	1455.2	1241.4	1060.0	900.3	754.8	621.0	482.3
-50°	2277.4	1983.8	1736.2	1518.4	1319.1	1143.4	976.2	837.5	705.6	577.1	449.7
-52.5°	1991.9	1756.7	1551.9	1365.4	1199.1	1040.4	903.9	773.2	655.0	535.1	415.6
-55°	1747.4	1554.6	1381.7	1226.5	1080.1	952.0	829.0	716.1	603.1	493.0	381.1
-57.5°	1536.2	1367.7	1229.3	1094.6	973.6	864.3	760.6	657.7	553.2	449.4	353.7
-60°	1333.3	1207.5	1084.4	976.0	873.7	780.9	696.3	599.3	502.9	405.8	323.4
-62.5°	1158.0	1050.7	957.6	863.1	778.1	702.6	631.3	542.2	451.1	365.5	290.4
-65°	993.8	911.3	832.1	756.7	686.2	622.2	564.5	483.6	399.2	322.7	256.2
-67.5°	837.8	775.7	713.5	650.3	594.7	542.9	493.5	420.5	345.0	277.7	222.3
-70°	698.5	645.4	596.7	549.7	504.7	461.4	414.9	353.3	288.3	237.4	187.5
-72.5°	567.0	528.2	487.7	449.1	415.8	377.8	335.0	286.9	241.4	196.4	152.0
-75°	445.2	419.6	391.1	360.4	329.4	295.4	267.2	233.6	193.8	154.6	122.5
-77.5°	356.2	331.3	302.7	278.2	257.4	234.2	208.5	179.3	147.8	120.2	94.7
-80°	262.8	243.7	227.5	213.4	194.2	173.0	151.7	130.5	107.5	86.1	66.3
-82.5°	160.3	156.1	151.6	145.1	129.1	113.3	97.9	82.8	66.5	51.4	42.6
-85°	80.2	78.5	76.1	72.7	62.9	53.3	48.8	44.3	38.8	33.5	28.4
-87.5°	26.4	28.3	29.9	31.1	28.9	26.7	24.4	22.2	19.4	16.8	14.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	0.9	0.7	0.6	0.4	0.3	0.2	0.0
85°	1.8	1.5	1.2	0.9	0.6	0.4	0.0
82.5°	2.6	2.2	1.8	1.3	0.9	0.6	0.0
80°	3.4	2.9	2.3	1.8	1.2	0.7	0.0
77.5°	3.4	3.4	2.9	2.2	1.5	0.9	0.0
75°	3.4	3.5	3.4	2.6	1.8	1.1	0.0
72.5°	3.5	3.7	3.6	3.1	2.1	1.3	0.0
70°	3.6	3.8	3.7	3.4	2.4	1.5	0.0
67.5°	4.0	3.9	3.9	3.6	2.7	1.7	0.0
65°	4.6	4.5	4.1	3.8	3.0	1.8	0.0
62.5°	5.3	5.6	4.3	3.9	3.3	2.0	0.0
60°	6.3	6.8	4.5	4.1	3.6	2.2	0.0
57.5°	11.6	8.1	5.8	4.3	3.8	2.4	0.0
55°	18.5	9.6	7.2	4.5	4.0	2.5	0.0
52.5°	26.5	12.3	8.7	4.7	4.2	2.7	0.0
50°	35.7	21.0	10.2	4.9	4.4	2.9	0.0
47.5°	48.1	30.4	11.8	5.3	4.6	3.0	0.0
45°	72.5	40.4	13.5	6.6	4.8	3.2	0.0
42.5°	97.5	51.1	15.2	7.9	5.0	3.3	0.0
40°	123.1	62.4	20.5	9.5	5.2	3.5	0.0
37.5°	149.2	74.2	29.3	11.6	5.4	3.6	0.0
35°	175.7	92.2	38.3	13.8	5.7	3.8	0.0
32.5°	204.4	113.1	47.4	16.3	5.9	3.9	0.0
30°	237.2	133.8	56.6	19.0	6.1	4.0	0.0
27.5°	269.4	154.3	67.9	21.8	6.3	4.2	0.0
25°	300.8	174.4	79.5	24.9	6.6	4.3	0.0
22.5°	331.3	195.0	91.0	28.0	6.8	4.4	0.0
20°	360.8	217.1	102.5	31.2	7.0	4.5	0.0
17.5°	389.9	238.4	113.7	34.5	7.2	4.6	0.0
15°	418.0	258.9	124.7	37.8	7.4	4.7	0.0
12.5°	444.2	278.4	135.3	41.1	7.6	4.8	0.0
10°	468.5	296.9	145.5	44.4	7.8	4.9	0.0
7.5°	490.8	314.2	155.1	47.5	8.0	4.9	0.0
5°	511.1	330.1	164.0	50.5	8.2	5.0	0.0
2.5°	529.3	344.5	172.2	53.3	8.3	5.1	0.0
0°	545.4	357.4	179.5	55.9	8.5	5.1	0.0
-2.5°	553.4	365.5	186.3	59.5	9.8	5.4	0.0
-5°	559.2	372.0	192.1	62.9	11.1	5.7	0.0
-7.5°	563.0	376.6	196.9	65.9	12.4	5.9	0.0
-10°	564.7	379.6	200.5	68.5	13.6	6.2	0.0
-12.5°	564.4	380.8	202.9	70.7	14.8	6.4	0.0
-15°	562.1	380.2	204.0	72.4	15.9	6.6	0.0
-17.5°	558.0	377.9	203.9	73.7	16.9	6.8	0.0
-20°	551.7	373.9	202.4	74.4	17.8	7.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	542.4	368.2	199.6	74.7	18.7	7.1	0.0
-25°	531.1	359.4	195.3	74.3	19.4	7.2	0.0
-27.5°	517.6	348.3	189.6	73.4	20.1	7.3	0.0
-30°	502.0	335.8	182.5	71.9	20.6	7.3	0.0
-32.5°	484.3	321.7	174.3	69.8	21.0	7.4	0.0
-35°	465.1	306.2	165.0	67.1	21.3	7.3	0.0
-37.5°	444.5	290.6	154.8	63.7	21.4	7.3	0.0
-40°	422.4	276.5	143.8	59.8	21.4	7.2	0.0
-42.5°	398.6	261.4	135.4	55.5	21.3	7.1	0.0
-45°	373.4	245.3	129.7	51.1	21.0	7.0	0.0
-47.5°	346.8	228.3	122.9	46.2	20.7	6.8	0.0
-50°	324.5	210.4	115.1	44.5	20.1	6.6	0.0
-52.5°	302.3	191.6	106.4	43.6	19.5	6.4	0.0
-55°	279.1	177.4	96.6	42.3	18.7	6.1	0.0
-57.5°	255.1	163.0	86.0	40.4	17.8	5.8	0.0
-60°	230.7	147.2	74.8	38.1	16.8	5.5	0.0
-62.5°	208.4	130.2	69.5	35.4	15.8	5.1	0.0
-65°	184.6	112.1	63.4	32.3	14.6	4.7	0.0
-67.5°	159.2	96.9	56.7	28.8	13.4	4.3	0.0
-70°	132.5	84.8	49.3	25.0	12.2	3.9	0.0
-72.5°	112.1	71.8	41.3	22.0	10.8	3.5	0.0
-75°	91.6	57.9	32.9	19.1	9.4	3.0	0.0
-77.5°	70.1	43.5	27.2	16.1	7.9	2.5	0.0
-80°	47.8	33.1	21.9	13.0	6.4	2.0	0.0
-82.5°	35.1	25.0	16.6	9.8	4.8	1.5	0.0
-85°	23.6	16.8	11.1	6.6	3.2	1.0	0.0
-87.5°	11.8	8.4	5.6	3.3	1.6	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)