

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: P645501 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5B-727-U-LAM-VSR-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645501 (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: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5B-727-U-LAM-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (80) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

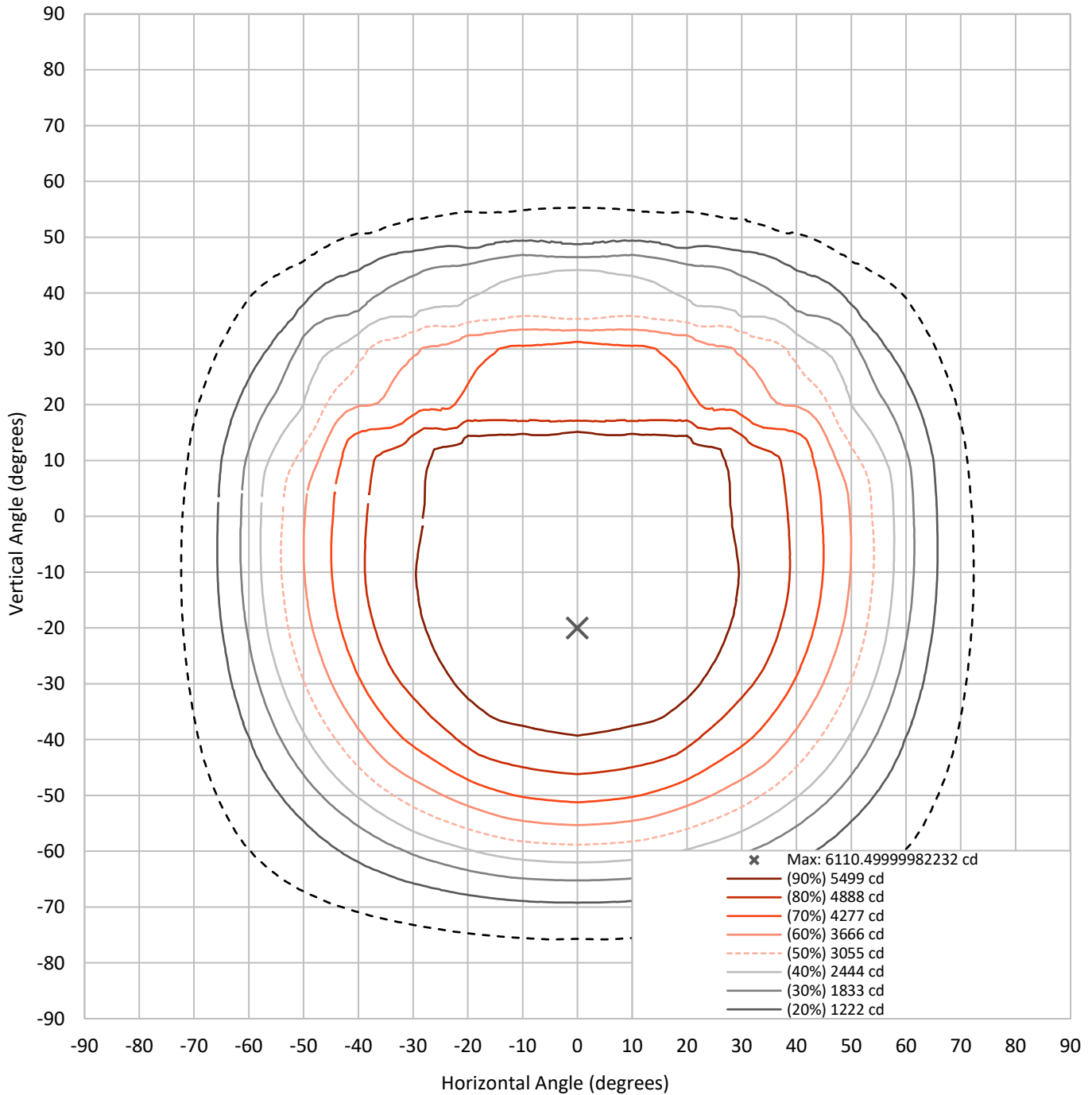
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	14328 lumens	Max Intensity:	6110.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	90.3 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:	11200.8 lumens	Field Lumens:	14043.4 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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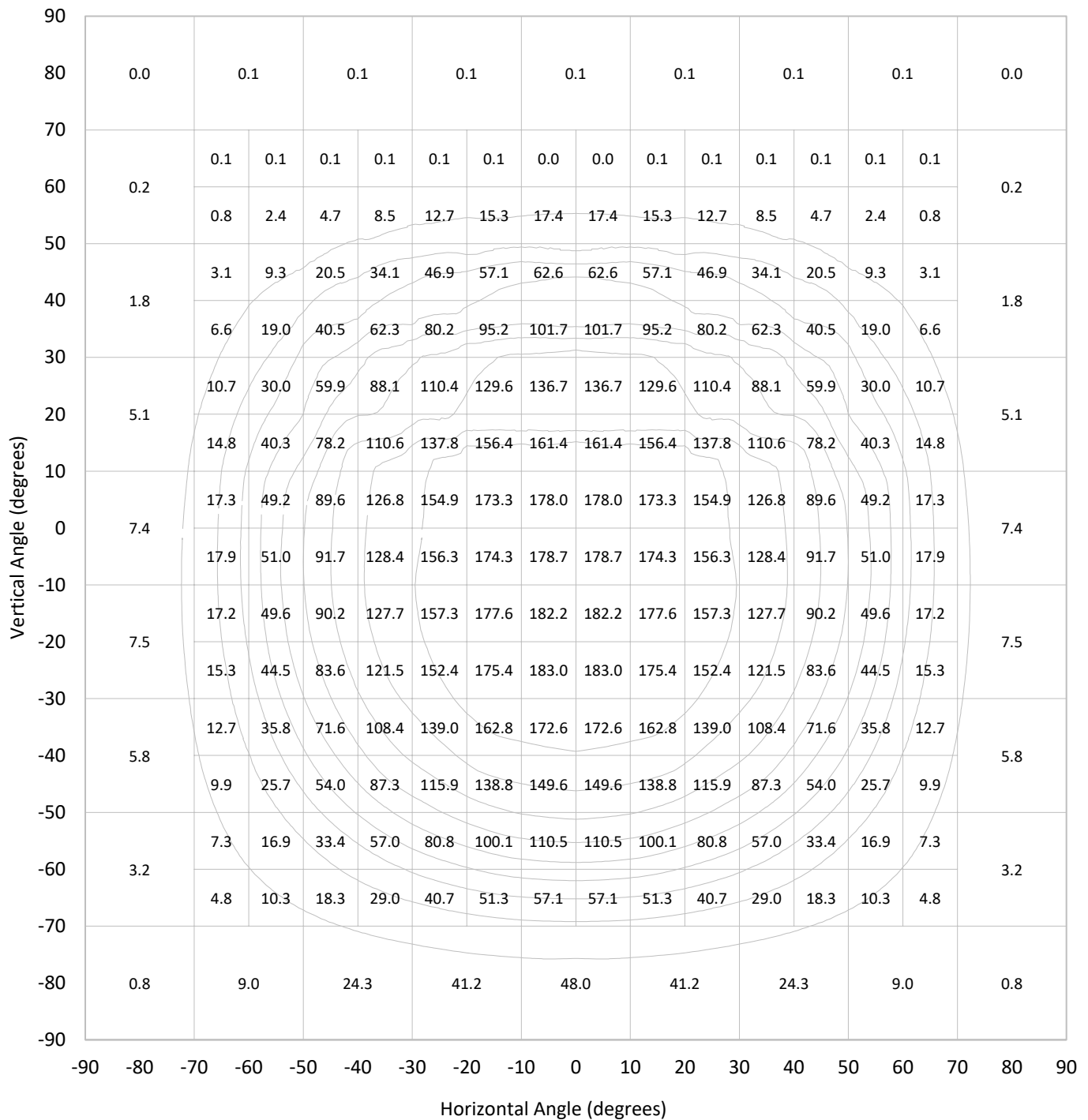
### Iso-Candela Plot





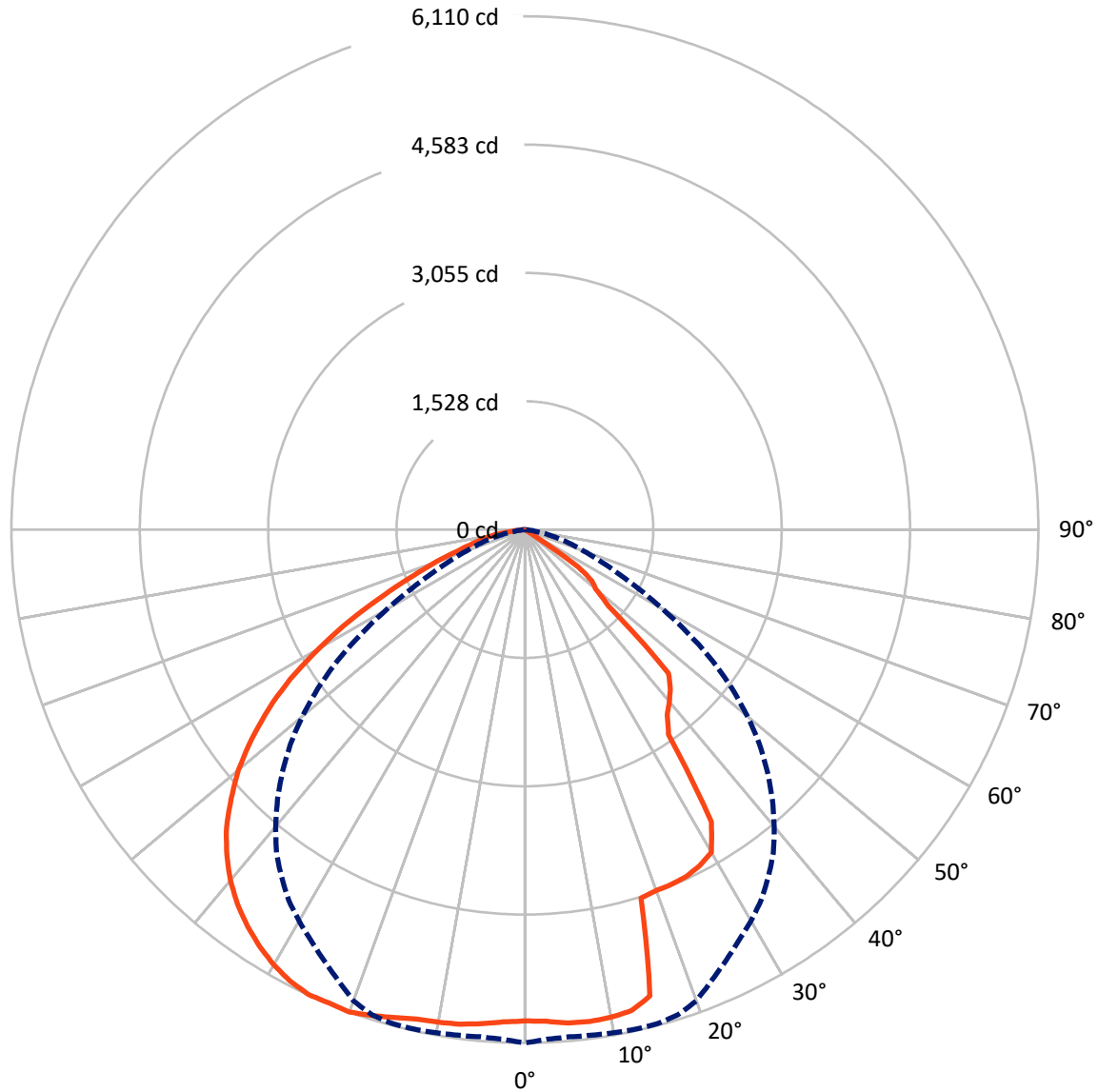
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### Lumen Table



REPORT NUMBER: P645501 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-LAM-VSR-XX

### Luminous Intensity Polar Plot

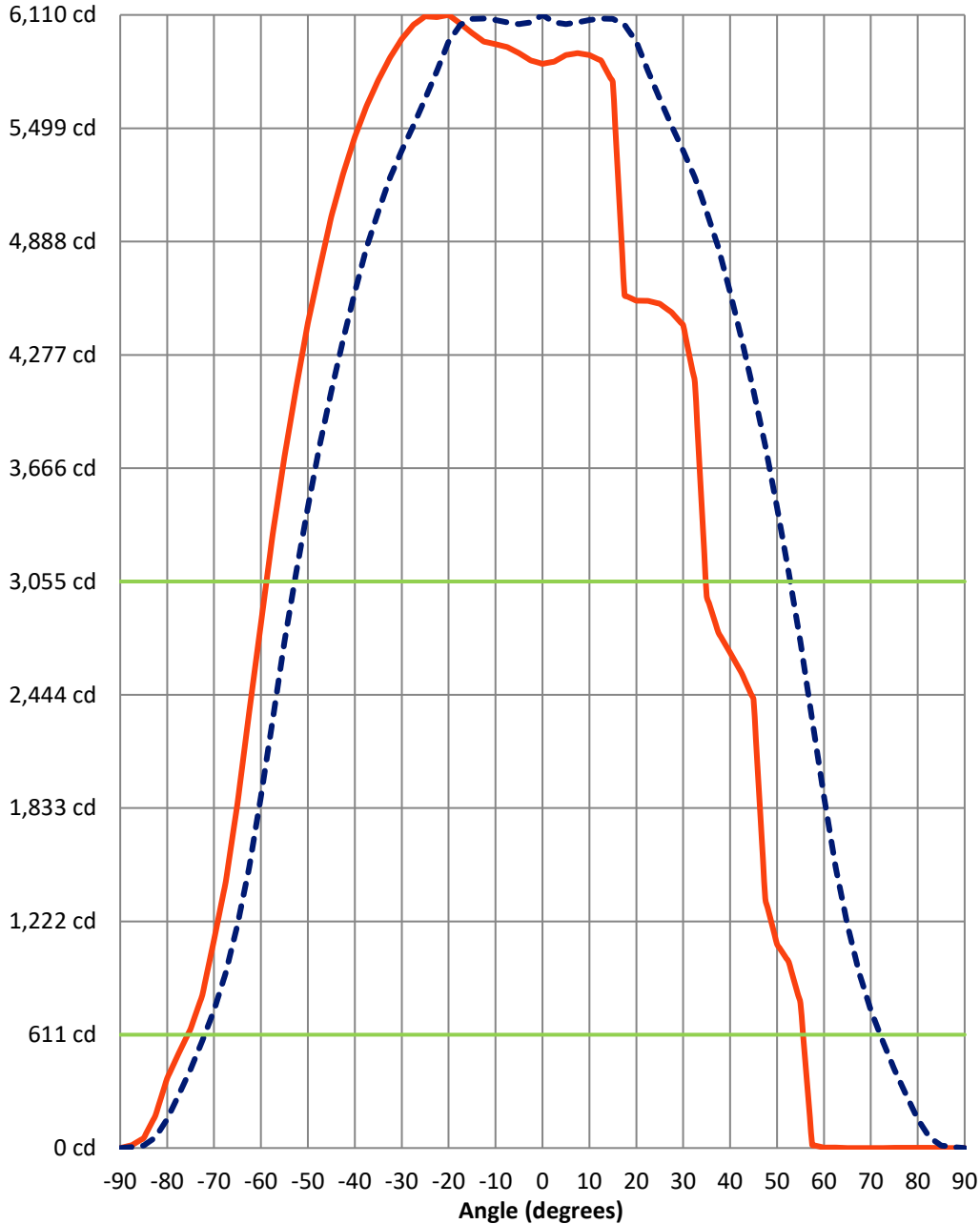


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through -20-Deg



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 11200.8  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 14043.4  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 284.5  
 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	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.6	0.6
85°	0.0	0.3	0.5	0.7	0.9	1.1	1.3	1.4	1.3	1.3	1.1
82.5°	0.0	0.4	0.7	1.0	1.4	1.7	2.0	2.1	2.0	1.6	1.3
80°	0.0	0.6	0.9	1.4	1.8	2.2	2.6	2.3	2.0	1.7	1.3
77.5°	0.0	0.7	1.1	1.7	2.2	2.6	2.6	2.3	2.0	1.7	1.4
75°	0.0	0.8	1.4	2.0	2.6	2.7	2.6	2.3	2.0	1.7	1.4
72.5°	0.0	1.0	1.6	2.3	2.7	2.8	2.7	2.4	2.1	1.7	1.4
70°	0.0	1.1	1.8	2.6	2.9	2.9	2.7	2.4	2.1	1.8	2.1
67.5°	0.0	1.3	2.1	2.8	3.0	3.0	3.1	2.4	2.2	2.9	2.9
65°	0.0	1.4	2.3	2.9	3.1	3.5	3.5	2.5	3.5	4.1	5.1
62.5°	0.0	1.5	2.5	3.0	3.3	4.3	4.1	3.5	4.8	7.1	11.4
60°	0.0	1.7	2.8	3.1	3.4	5.2	4.8	4.9	6.2	18.1	19.7
57.5°	0.0	1.8	2.9	3.3	4.4	6.3	8.9	6.9	17.7	30.7	35.7
55°	0.0	1.9	3.1	3.4	5.5	7.4	14.2	11.2	32.9	47.5	57.9
52.5°	0.0	2.1	3.2	3.6	6.7	9.5	20.4	28.6	49.4	74.5	83.9
50°	0.0	2.2	3.4	3.7	7.9	16.2	27.5	48.3	70.6	104.6	131.1
47.5°	0.0	2.3	3.5	4.1	9.1	23.4	37.0	68.9	101.8	137.7	179.4
45°	0.0	2.4	3.7	5.1	10.4	31.1	55.8	90.5	136.6	179.5	226.2
42.5°	0.0	2.6	3.8	6.1	11.8	39.4	75.1	118.0	172.1	220.2	280.2
40°	0.0	2.7	4.0	7.3	15.9	48.0	94.8	149.2	208.6	260.1	337.9
37.5°	0.0	2.8	4.2	8.9	22.7	57.2	114.9	180.4	246.9	308.1	398.3
35°	0.0	2.9	4.3	10.7	29.6	71.1	135.3	211.7	285.9	367.0	469.6
32.5°	0.0	3.0	4.5	12.6	36.6	87.1	157.4	242.8	325.3	426.2	556.3
30°	0.0	3.1	4.7	14.6	43.6	103.1	182.7	274.2	365.0	485.6	639.5
27.5°	0.0	3.2	4.8	16.9	52.3	118.9	207.5	306.9	408.7	544.9	719.1
25°	0.0	3.3	5.0	19.2	61.3	134.4	231.7	339.3	457.9	609.7	794.9
22.5°	0.0	3.4	5.2	21.6	70.2	150.2	255.2	371.2	506.2	674.4	871.7
20°	0.0	3.5	5.3	24.1	79.0	167.2	277.9	402.3	553.3	735.5	946.6
17.5°	0.0	3.5	5.5	26.6	87.6	183.6	300.4	432.6	598.8	792.8	1019.1
15°	0.0	3.6	5.7	29.2	96.1	199.4	322.0	460.7	642.6	846.3	1088.8
12.5°	0.0	3.7	5.8	31.7	104.3	214.5	342.1	485.8	677.5	895.8	1155.1
10°	0.0	3.7	6.0	34.2	112.1	228.7	360.9	508.9	703.6	925.5	1209.2
7.5°	0.0	3.8	6.1	36.6	119.5	242.0	378.1	530.0	725.7	948.5	1240.6
5°	0.0	3.8	6.3	38.9	126.4	254.3	393.7	549.0	744.2	967.1	1266.3
2.5°	0.0	3.9	6.4	41.1	132.7	265.4	407.7	565.8	759.2	981.4	1285.9
0°	0.0	3.9	6.5	43.1	138.3	275.3	420.1	580.5	771.0	991.5	1299.3
-2.5°	0.0	4.1	7.5	45.9	143.6	281.6	426.2	589.0	775.2	1004.3	1308.1
-5°	0.0	4.3	8.5	48.5	148.0	286.5	430.7	595.3	776.7	1012.6	1310.9
-7.5°	0.0	4.5	9.5	50.8	151.7	290.1	433.6	599.2	775.6	1016.0	1308.0
-10°	0.0	4.7	10.4	52.8	154.4	292.4	434.9	600.7	772.3	1013.9	1299.7
-12.5°	0.0	4.9	11.3	54.5	156.3	293.3	434.6	599.7	766.9	1005.8	1285.4
-15°	0.0	5.1	12.2	55.8	157.2	292.9	432.9	596.2	760.9	989.8	1264.7
-17.5°	0.0	5.2	13.0	56.8	157.1	291.1	429.8	589.0	753.4	969.9	1237.8
-20°	0.0	5.4	13.7	57.3	155.9	288.0	424.8	578.7	742.9	946.1	1204.6



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 CATALOG NUMBER: GFLD-SA5B-727-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.5	14.4	57.5	153.7	283.6	417.8	566.4	729.2	918.8	1165.1
-25°	0.0	5.5	14.9	57.2	150.5	276.8	409.0	552.1	712.2	887.9	1119.4
-27.5°	0.0	5.6	15.4	56.5	146.1	268.3	398.6	535.8	692.0	858.1	1079.0
-30°	0.0	5.7	15.8	55.4	140.6	258.6	386.6	517.7	670.0	832.8	1035.8
-32.5°	0.0	5.7	16.1	53.7	134.2	247.8	373.0	501.0	646.5	803.6	989.6
-35°	0.0	5.7	16.4	51.6	127.1	235.9	358.2	483.3	621.2	770.6	940.6
-37.5°	0.0	5.6	16.5	49.1	119.3	223.9	342.4	463.8	594.1	733.6	892.1
-40°	0.0	5.6	16.5	46.0	110.7	213.0	325.3	442.5	565.2	698.7	844.3
-42.5°	0.0	5.5	16.4	42.7	104.3	201.3	307.0	419.3	537.4	661.9	792.8
-45°	0.0	5.4	16.2	39.3	99.9	189.0	287.6	395.4	508.8	622.6	739.5
-47.5°	0.0	5.2	15.9	35.5	94.6	175.8	267.1	371.5	478.2	581.3	693.3
-50°	0.0	5.1	15.5	34.3	88.7	162.0	250.0	346.3	444.4	543.5	645.0
-52.5°	0.0	4.9	15.0	33.6	81.9	147.6	232.8	320.1	412.1	504.5	595.5
-55°	0.0	4.7	14.4	32.5	74.4	136.6	215.0	293.5	379.7	464.4	551.5
-57.5°	0.0	4.5	13.8	31.1	66.2	125.5	196.5	272.4	346.1	426.0	506.5
-60°	0.0	4.2	13.0	29.4	57.6	113.4	177.7	249.1	312.6	387.3	461.5
-62.5°	0.0	4.0	12.2	27.3	53.5	100.3	160.5	223.7	281.5	347.4	417.6
-65°	0.0	3.7	11.3	24.9	48.9	86.3	142.2	197.3	248.5	307.5	372.5
-67.5°	0.0	3.3	10.4	22.2	43.7	74.6	122.6	171.2	213.9	265.7	323.9
-70°	0.0	3.0	9.4	19.3	38.0	65.3	102.1	144.4	182.9	222.0	272.1
-72.5°	0.0	2.7	8.4	17.0	31.9	55.3	86.3	117.1	151.3	185.9	221.0
-75°	0.0	2.3	7.3	14.8	25.4	44.6	70.6	94.4	119.1	149.3	179.9
-77.5°	0.0	2.0	6.1	12.5	21.0	33.5	54.0	72.9	92.6	113.9	138.2
-80°	0.0	1.6	4.9	10.1	16.9	25.5	36.9	51.1	66.3	82.8	100.5
-82.5°	0.0	1.2	3.7	7.6	12.8	19.3	27.1	32.8	39.6	51.2	63.7
-85°	0.0	0.8	2.5	5.1	8.6	12.9	18.1	21.9	25.8	29.9	34.1
-87.5°	0.0	0.4	1.3	2.6	4.3	6.5	9.1	11.0	12.9	15.0	17.1
-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-SA5B-727-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
85°	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.5	1.7	1.6	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	2.0	2.1	1.8	1.5	1.3	1.4	1.5	1.4	1.3	1.3	1.3
67.5°	2.5	2.2	1.9	1.8	1.8	2.0	1.9	1.6	1.3	1.3	1.3
65°	2.6	2.3	3.2	3.7	2.7	2.3	2.0	1.7	1.8	1.9	1.9
62.5°	3.9	4.9	6.2	11.0	8.2	2.4	4.3	5.1	3.7	3.1	3.3
60°	12.7	8.6	25.7	36.8	23.0	8.4	10.3	34.1	29.5	5.4	18.4
57.5°	26.8	36.7	67.7	68.9	47.7	32.9	95.7	110.5	83.6	48.8	74.6
55°	59.0	90.6	112.3	104.0	113.5	171.9	204.2	183.5	154.4	237.6	303.5
52.5°	115.2	147.6	154.9	177.8	254.5	292.4	280.2	299.7	388.6	482.6	503.0
50°	170.1	196.5	217.1	313.9	373.9	377.8	405.6	493.7	612.3	669.9	656.0
47.5°	223.1	250.5	346.4	439.4	466.4	503.3	573.0	743.0	868.7	871.2	856.9
45°	279.2	352.3	474.7	535.4	579.2	650.5	818.8	1053.4	1065.6	1099.7	1309.3
42.5°	339.2	467.3	574.1	637.2	707.8	841.1	1065.7	1219.6	1272.5	1421.7	1590.4
40°	436.4	578.3	671.7	752.3	843.1	1037.6	1283.6	1427.8	1470.8	1600.0	1726.7
37.5°	534.9	671.1	775.7	872.9	998.8	1261.3	1545.9	1664.9	1686.6	1710.3	1991.1
35°	629.9	766.2	891.4	1018.7	1173.1	1551.0	1799.7	1911.5	1908.1	2067.6	2361.6
32.5°	718.7	863.4	1011.1	1181.4	1436.2	1823.4	2072.3	2139.2	2240.7	2472.7	2874.1
30°	807.3	971.9	1141.5	1344.3	1667.1	2002.7	2286.8	2394.5	2568.5	2833.3	3125.4
27.5°	898.6	1083.1	1288.2	1525.9	1849.4	2157.9	2400.5	2657.9	2826.9	3064.2	3272.0
25°	989.6	1200.8	1433.0	1684.6	1979.7	2267.2	2518.1	2815.4	2996.9	3188.2	3382.1
22.5°	1084.9	1320.1	1582.4	1810.4	2089.5	2360.1	2658.8	2981.3	3217.3	3338.9	3469.0
20°	1184.6	1449.2	1729.0	1981.6	2198.0	2446.4	2800.1	3191.8	3496.5	3633.3	3651.2
17.5°	1282.8	1574.4	1875.1	2148.6	2382.0	2603.2	2948.4	3444.1	3823.0	3950.2	4006.8
15°	1378.6	1694.7	2020.5	2311.1	2567.3	2837.8	3206.5	3710.6	4143.7	4284.5	4373.5
12.5°	1471.1	1809.5	2163.5	2468.3	2752.8	3056.2	3440.9	3902.3	4297.7	4569.9	4733.2
10°	1559.2	1917.8	2302.3	2619.2	2936.2	3258.7	3634.8	4045.1	4367.0	4629.6	4861.4
7.5°	1603.7	1988.6	2421.5	2762.7	3115.0	3445.9	3793.6	4145.8	4416.9	4674.4	4898.5
5°	1633.9	2017.7	2458.8	2812.8	3209.9	3570.8	3908.3	4211.9	4449.5	4704.7	4923.7
2.5°	1655.5	2036.6	2484.0	2840.2	3245.6	3609.2	3941.4	4234.1	4476.3	4726.4	4950.6
0°	1668.5	2045.5	2496.9	2857.0	3267.9	3634.5	3960.6	4242.4	4494.2	4736.8	4978.2
-2.5°	1675.9	2072.9	2505.5	2900.3	3289.5	3656.3	3987.5	4262.6	4525.7	4756.6	4998.5
-5°	1675.0	2089.2	2503.2	2929.4	3299.8	3664.8	4001.0	4271.7	4542.7	4771.3	5006.8
-7.5°	1665.9	2093.0	2491.9	2938.5	3300.3	3661.9	3995.0	4276.1	4542.4	4784.9	5007.5
-10°	1649.7	2078.2	2481.5	2914.9	3287.6	3647.0	3977.0	4266.5	4531.8	4782.1	5003.2
-12.5°	1630.6	2047.7	2459.8	2881.0	3261.9	3619.3	3949.6	4242.0	4512.0	4761.7	4993.2
-15°	1601.8	2007.1	2424.0	2837.9	3222.7	3578.9	3914.0	4202.1	4481.4	4725.9	4963.6
-17.5°	1563.3	1956.9	2373.7	2786.7	3170.0	3526.3	3868.4	4149.5	4427.4	4680.1	4909.5
-20°	1514.7	1897.3	2308.4	2728.6	3103.0	3455.6	3787.1	4081.4	4357.5	4614.5	4855.6

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5B-727-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1456.0	1828.8	2229.7	2650.1	3019.5	3368.0	3695.6	3994.6	4280.7	4529.3	4786.2
-25°	1397.1	1756.5	2142.8	2541.4	2922.4	3269.5	3598.0	3889.3	4181.8	4440.3	4684.3
-27.5°	1340.7	1672.5	2041.9	2421.8	2812.4	3157.8	3483.4	3775.0	4058.9	4341.5	4576.5
-30°	1277.5	1575.3	1931.2	2294.1	2674.9	3026.6	3354.6	3657.2	3927.3	4206.4	4458.7
-32.5°	1207.7	1472.3	1814.4	2163.5	2522.5	2882.0	3207.0	3507.5	3788.5	4052.5	4317.3
-35°	1139.4	1389.1	1690.5	2023.2	2361.1	2713.7	3039.0	3336.6	3628.2	3889.7	4142.8
-37.5°	1078.0	1298.9	1558.9	1876.7	2199.6	2533.2	2863.9	3152.0	3429.6	3717.1	3963.8
-40°	1011.6	1202.2	1444.9	1725.8	2030.2	2347.4	2664.0	2962.1	3223.0	3507.2	3778.6
-42.5°	942.1	1123.4	1332.4	1566.1	1853.4	2152.5	2458.1	2749.7	3020.7	3288.7	3557.7
-45°	881.1	1040.0	1218.0	1431.5	1665.4	1946.7	2236.1	2526.7	2786.8	3042.2	3307.9
-47.5°	816.3	956.2	1120.8	1291.3	1494.6	1729.8	2001.9	2270.0	2536.1	2779.2	3014.3
-50°	751.8	880.7	1016.0	1169.4	1337.2	1527.8	1753.9	2003.1	2246.2	2495.8	2728.6
-52.5°	696.2	801.2	923.5	1051.6	1195.2	1353.0	1534.1	1738.7	1959.9	2171.6	2403.9
-55°	638.5	733.2	831.9	944.7	1064.2	1197.3	1345.8	1517.8	1686.5	1882.4	2072.0
-57.5°	585.8	665.7	749.9	843.0	946.8	1053.4	1183.1	1316.9	1470.0	1622.3	1772.4
-60°	536.2	601.5	672.9	751.8	835.2	930.0	1026.9	1141.8	1265.1	1386.6	1514.0
-62.5°	486.2	541.1	599.3	664.8	737.6	809.2	891.9	980.4	1071.2	1174.2	1274.6
-65°	434.7	479.1	528.5	582.8	640.9	701.9	765.5	831.0	908.2	983.7	1056.7
-67.5°	380.1	418.1	458.0	500.8	549.5	597.5	645.3	700.7	757.5	813.4	871.2
-70°	319.6	355.4	388.7	423.3	459.5	497.1	538.0	578.6	618.7	660.5	707.0
-72.5°	258.0	291.0	320.2	345.9	375.6	406.8	436.7	465.2	495.4	527.2	558.6
-75°	205.8	227.6	253.7	277.6	301.2	323.2	342.9	367.1	392.3	415.4	434.4
-77.5°	160.6	180.4	198.3	214.3	233.1	255.1	274.3	290.8	306.8	324.3	342.8
-80°	116.9	133.3	149.6	164.4	175.2	187.7	202.4	219.2	233.8	245.6	256.4
-82.5°	75.4	87.3	99.4	111.8	116.8	120.2	123.4	129.3	138.3	147.2	155.8
-85°	37.6	41.0	48.4	56.0	58.6	60.5	61.7	62.4	65.5	68.3	70.8
-87.5°	18.8	20.5	22.2	23.9	23.0	21.8	20.3	18.5	18.1	17.5	16.9
-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: P645501 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-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°	1.1	1.1	1.1	1.2	1.2	0.9	0.6	0.3	0.0	0.0	0.0
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	0.9	0.6
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
67.5°	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.8
65°	1.8	1.8	1.9	1.8	1.6	1.5	1.6	1.6	1.4	1.1	0.8
62.5°	3.3	3.7	2.9	2.9	2.8	2.7	2.6	2.5	2.3	2.2	2.3
60°	20.4	12.1	7.1	8.3	7.4	4.9	6.3	7.4	7.4	6.8	6.0
57.5°	113.4	84.7	62.7	149.7	150.2	71.7	86.4	135.7	111.8	36.7	34.1
55°	315.5	377.3	496.6	471.7	479.3	551.3	602.0	533.0	522.5	556.7	643.1
52.5°	566.7	625.7	665.8	703.3	749.0	798.1	848.7	880.9	910.9	943.0	962.1
50°	723.7	806.7	863.8	842.8	961.0	1009.4	960.3	1004.2	1057.7	1072.4	1079.3
47.5°	1068.6	1190.5	1214.6	1293.1	1363.6	1362.1	1302.2	1305.7	1465.1	1605.7	1674.8
45°	1535.7	1539.9	1616.5	1755.1	1854.2	1823.0	1906.6	2096.7	2160.0	2221.1	2271.3
42.5°	1717.7	1793.1	1915.4	2038.0	2111.8	2175.9	2237.8	2307.6	2389.8	2456.4	2509.7
40°	1893.9	1954.7	2079.9	2178.6	2239.8	2299.6	2371.7	2449.1	2524.3	2582.8	2622.8
37.5°	2165.1	2212.2	2242.7	2334.4	2450.1	2396.7	2533.5	2631.7	2676.5	2736.0	2741.3
35°	2575.5	2544.1	2503.5	2868.3	2890.1	2766.9	2894.9	3047.0	2966.9	3133.9	3223.7
32.5°	2939.2	2934.5	3252.9	3444.7	3334.4	3424.4	3719.4	3706.3	3903.0	3994.3	3968.3
30°	3281.9	3398.9	3583.0	3725.8	3744.9	3886.9	4017.9	4132.7	4251.5	4357.9	4365.2
27.5°	3455.9	3608.5	3733.5	3816.1	3908.3	4027.8	4146.7	4276.0	4377.0	4443.7	4460.0
25°	3561.2	3717.1	3811.7	3900.6	4002.5	4105.5	4238.6	4379.4	4460.5	4501.7	4514.8
22.5°	3654.0	3794.0	3895.7	3967.9	4077.5	4188.4	4312.5	4431.7	4519.8	4537.8	4544.4
20°	3743.3	3877.9	4047.8	4154.0	4148.7	4273.7	4393.3	4488.1	4561.5	4561.1	4562.9
17.5°	4001.7	4049.7	4358.0	4592.1	4476.2	4415.1	4744.0	4750.3	4769.8	4731.0	4646.8
15°	4384.2	4471.6	4850.5	5104.2	5024.3	5020.1	5495.2	5377.4	5478.8	5452.3	5566.4
12.5°	4789.4	4892.9	5176.0	5425.2	5544.0	5573.1	5731.8	5880.5	5911.1	5899.1	5876.6
10°	5065.4	5212.9	5326.7	5477.9	5597.7	5719.8	5811.8	5918.6	5953.5	5933.3	5904.7
7.5°	5101.4	5247.2	5380.7	5513.4	5627.5	5725.9	5821.3	5908.2	5943.8	5932.0	5912.4
5°	5124.3	5256.3	5385.7	5520.4	5629.4	5720.7	5815.7	5903.8	5924.8	5910.6	5891.5
2.5°	5138.4	5260.6	5385.3	5519.4	5618.4	5705.3	5801.5	5895.5	5895.3	5889.1	5877.9
0°	5145.2	5267.8	5412.6	5533.9	5644.8	5727.0	5822.2	5913.5	5907.0	5890.1	5870.5
-2.5°	5159.9	5284.1	5431.9	5532.4	5657.4	5732.7	5831.1	5910.2	5907.1	5898.8	5889.1
-5°	5172.9	5312.6	5450.9	5556.6	5681.9	5780.4	5878.2	5940.1	5943.4	5931.7	5915.4
-7.5°	5180.9	5335.8	5467.7	5573.9	5695.4	5809.8	5909.1	5974.0	5975.5	5960.0	5940.5
-10°	5178.2	5341.7	5477.5	5587.3	5711.7	5824.7	5928.5	6010.8	6008.1	5993.4	5976.8
-12.5°	5168.4	5331.8	5471.2	5581.3	5722.6	5838.9	5955.7	6037.5	6041.9	6030.8	6012.8
-15°	5146.9	5315.6	5451.2	5571.4	5709.9	5845.9	5965.9	6056.2	6072.3	6063.3	6049.0
-17.5°	5104.4	5282.4	5426.3	5555.8	5688.7	5833.7	5970.1	6068.8	6090.9	6087.3	6075.4
-20°	5048.6	5232.3	5378.3	5514.0	5658.7	5808.1	5966.8	6057.0	6089.0	6091.0	6083.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645501 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-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°	4986.0	5165.8	5320.7	5454.1	5611.0	5762.2	5905.9	6011.5	6065.2	6075.2	6075.9
-25°	4910.9	5095.6	5249.5	5391.6	5537.5	5693.7	5838.9	5956.9	6011.3	6037.3	6045.3
-27.5°	4804.7	4995.7	5147.1	5297.3	5445.7	5607.0	5759.6	5887.9	5932.2	5967.9	5982.3
-30°	4680.4	4869.2	5023.6	5160.9	5330.7	5495.1	5652.7	5764.6	5831.4	5872.3	5894.6
-32.5°	4537.3	4728.0	4890.0	5033.4	5194.8	5359.2	5507.4	5625.5	5717.5	5764.7	5788.6
-35°	4382.3	4576.9	4746.5	4897.6	5049.5	5206.3	5359.9	5483.3	5588.2	5628.7	5658.7
-37.5°	4195.2	4410.0	4583.9	4739.7	4884.0	5031.4	5191.3	5332.5	5434.3	5473.6	5505.2
-40°	4003.4	4210.9	4386.4	4552.6	4695.3	4856.2	5010.2	5158.2	5246.6	5292.4	5328.2
-42.5°	3801.0	3988.4	4155.2	4316.7	4475.6	4641.3	4795.2	4948.9	5025.4	5080.7	5124.5
-45°	3567.3	3741.7	3903.8	4054.8	4218.7	4381.5	4535.6	4671.4	4762.4	4834.4	4890.4
-47.5°	3255.6	3468.1	3630.9	3774.6	3937.0	4094.1	4243.4	4371.2	4470.9	4555.1	4620.1
-50°	2939.1	3143.1	3326.7	3488.1	3638.8	3784.1	3926.2	4051.2	4156.7	4247.9	4313.8
-52.5°	2627.5	2818.5	3000.7	3167.4	3312.2	3449.4	3579.4	3705.1	3816.4	3914.0	3977.7
-55°	2275.3	2473.2	2653.5	2808.9	2953.6	3089.2	3217.5	3336.8	3446.3	3545.7	3606.7
-57.5°	1945.0	2118.6	2286.2	2429.7	2566.3	2695.5	2817.2	2931.3	3036.8	3130.3	3189.1
-60°	1641.3	1767.9	1912.2	2044.6	2165.7	2275.6	2389.2	2495.6	2592.5	2674.7	2729.6
-62.5°	1372.9	1477.8	1582.0	1682.7	1780.9	1879.7	1974.7	2063.0	2144.0	2211.3	2259.4
-65°	1133.7	1218.1	1293.4	1364.8	1432.8	1510.7	1583.0	1650.9	1713.9	1765.5	1802.1
-67.5°	933.5	992.8	1044.9	1093.9	1147.5	1202.6	1254.1	1299.1	1337.5	1368.1	1392.2
-70°	752.8	796.4	835.7	874.8	913.9	949.7	983.8	1016.9	1048.3	1073.9	1093.1
-72.5°	589.6	619.3	646.1	676.2	704.4	731.5	755.1	774.2	789.0	803.4	816.0
-75°	449.5	471.8	502.0	527.5	548.6	567.2	584.3	599.5	612.8	624.7	635.1
-77.5°	361.5	380.5	399.7	418.3	436.3	449.7	462.1	474.5	486.7	497.2	506.4
-80°	267.9	282.1	296.9	311.8	326.7	334.1	340.0	345.4	350.3	356.6	362.4
-82.5°	163.8	171.9	180.1	188.4	196.8	198.8	199.6	199.4	198.3	196.0	192.6
-85°	72.9	73.4	73.1	72.3	70.9	68.0	64.5	60.4	55.8	55.1	54.2
-87.5°	16.1	15.7	15.3	14.8	14.2	14.2	14.1	14.0	13.9	14.4	14.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645501 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
85°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	0.7	0.0	0.7	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	0.7	0.0	0.7	1.3	1.3	1.3	1.3	1.3	1.3
67.5°	0.5	0.1	0.0	0.0	0.0	0.1	0.5	0.8	1.1	1.3	1.3
65°	0.4	0.1	0.0	0.0	0.0	0.1	0.4	0.8	1.1	1.4	1.6
62.5°	2.4	2.5	2.6	2.6	2.6	2.5	2.4	2.3	2.2	2.3	2.5
60°	4.7	3.1	2.6	2.6	2.6	3.1	4.7	6.0	6.8	7.4	7.4
57.5°	28.8	21.5	18.3	17.0	18.3	21.5	28.8	34.1	36.7	111.8	135.7
55°	705.0	740.9	767.7	780.1	767.7	740.9	705.0	643.1	556.7	522.5	533.0
52.5°	978.9	994.5	1003.5	1003.2	1003.5	994.5	978.9	962.1	943.0	910.9	880.9
50°	1091.1	1098.7	1101.4	1099.7	1101.4	1098.7	1091.1	1079.3	1072.4	1057.7	1004.2
47.5°	1611.7	1472.1	1369.6	1345.0	1369.6	1472.1	1611.7	1674.8	1605.7	1465.1	1305.7
45°	2295.4	2348.3	2401.0	2417.3	2401.0	2348.3	2295.4	2271.3	2221.1	2160.0	2096.7
42.5°	2532.1	2549.3	2559.1	2559.5	2559.1	2549.3	2532.1	2509.7	2456.4	2389.8	2307.6
40°	2645.1	2661.4	2670.8	2671.7	2670.8	2661.4	2645.1	2622.8	2582.8	2524.3	2449.1
37.5°	2747.8	2761.7	2770.8	2780.0	2770.8	2761.7	2747.8	2741.3	2736.0	2676.5	2631.7
35°	3211.6	3106.5	2955.4	2978.3	2955.4	3106.5	3211.6	3223.7	3133.9	2966.9	3047.0
32.5°	4009.0	4053.1	4080.7	4127.6	4080.7	4053.1	4009.0	3968.3	3994.3	3903.0	3706.3
30°	4376.8	4391.4	4413.5	4436.8	4413.5	4391.4	4376.8	4365.2	4357.9	4251.5	4132.7
27.5°	4468.7	4483.8	4497.2	4507.2	4497.2	4483.8	4468.7	4460.0	4443.7	4377.0	4276.0
25°	4516.7	4526.1	4540.4	4552.9	4540.4	4526.1	4516.7	4514.8	4501.7	4460.5	4379.4
22.5°	4540.6	4541.5	4552.7	4568.5	4552.7	4541.5	4540.6	4544.4	4537.8	4519.8	4431.7
20°	4556.9	4548.1	4559.6	4569.8	4559.6	4548.1	4556.9	4562.9	4561.1	4561.5	4488.1
17.5°	4765.5	4646.5	4597.6	4598.5	4597.6	4646.5	4765.5	4646.8	4731.0	4769.8	4750.3
15°	5438.3	5483.0	5654.1	5746.6	5654.1	5483.0	5438.3	5566.4	5452.3	5478.8	5377.4
12.5°	5872.5	5856.6	5836.3	5864.0	5836.3	5856.6	5872.5	5876.6	5899.1	5911.1	5880.5
10°	5892.6	5890.8	5854.5	5894.0	5854.5	5890.8	5892.6	5904.7	5933.3	5953.5	5918.6
7.5°	5880.3	5881.3	5865.9	5904.4	5865.9	5881.3	5880.3	5912.4	5932.0	5943.8	5908.2
5°	5888.4	5861.9	5871.9	5894.0	5871.9	5861.9	5888.4	5891.5	5910.6	5924.8	5903.8
2.5°	5865.6	5862.9	5843.3	5858.7	5843.3	5862.9	5865.6	5877.9	5889.1	5895.3	5895.5
0°	5848.3	5834.0	5834.0	5847.0	5834.0	5834.0	5848.3	5870.5	5890.1	5907.0	5913.5
-2.5°	5879.2	5876.2	5874.3	5865.3	5874.3	5876.2	5879.2	5889.1	5898.8	5907.1	5910.2
-5°	5904.5	5896.8	5875.4	5904.4	5875.4	5896.8	5904.5	5915.4	5931.7	5943.4	5940.1
-7.5°	5931.8	5912.0	5891.7	5937.0	5891.7	5912.0	5931.8	5940.5	5960.0	5975.5	5974.0
-10°	5956.7	5928.1	5908.3	5952.7	5908.3	5928.1	5956.7	5976.8	5993.4	6008.1	6010.8
-12.5°	5989.6	5956.2	5943.0	5967.0	5943.0	5956.2	5989.6	6012.8	6030.8	6041.9	6037.5
-15°	6024.8	6001.6	5998.5	6012.7	5998.5	6001.6	6024.8	6049.0	6063.3	6072.3	6056.2
-17.5°	6055.7	6039.3	6047.4	6063.6	6047.4	6039.3	6055.7	6075.4	6087.3	6090.9	6068.8
-20°	6070.4	6061.2	6070.3	6110.5	6070.3	6061.2	6070.4	6083.0	6091.0	6089.0	6057.0



REPORT NUMBER: P645501 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6069.1	6069.7	6085.7	6098.8	6085.7	6069.7	6069.1	6075.9	6075.2	6065.2	6011.5
-25°	6045.9	6058.1	6076.4	6102.7	6076.4	6058.1	6045.9	6045.3	6037.3	6011.3	5956.9
-27.5°	5990.1	6010.4	6029.5	6057.0	6029.5	6010.4	5990.1	5982.3	5967.9	5932.2	5887.9
-30°	5909.3	5933.4	5950.6	5980.1	5950.6	5933.4	5909.3	5894.6	5872.3	5831.4	5764.6
-32.5°	5811.1	5838.4	5858.6	5879.6	5858.6	5838.4	5811.1	5788.6	5764.7	5717.5	5625.5
-35°	5688.2	5717.6	5739.0	5758.3	5739.0	5717.6	5688.2	5658.7	5628.7	5588.2	5483.3
-37.5°	5540.6	5572.3	5596.7	5618.7	5596.7	5572.3	5540.6	5505.2	5473.6	5434.3	5332.5
-40°	5368.7	5401.1	5427.2	5451.7	5427.2	5401.1	5368.7	5328.2	5292.4	5246.6	5158.2
-42.5°	5167.6	5200.4	5227.3	5252.1	5227.3	5200.4	5167.6	5124.5	5080.7	5025.4	4948.9
-45°	4935.4	4969.2	4997.6	5023.8	4997.6	4969.2	4935.4	4890.4	4834.4	4762.4	4671.4
-47.5°	4668.1	4704.2	4728.5	4740.7	4728.5	4704.2	4668.1	4620.1	4555.1	4470.9	4371.2
-50°	4361.5	4397.6	4426.9	4448.5	4426.9	4397.6	4361.5	4313.8	4247.9	4156.7	4051.2
-52.5°	4024.2	4058.5	4083.7	4098.9	4083.7	4058.5	4024.2	3977.7	3914.0	3816.4	3705.1
-55°	3654.8	3690.8	3714.6	3725.8	3714.6	3690.8	3654.8	3606.7	3545.7	3446.3	3336.8
-57.5°	3235.8	3270.0	3295.3	3309.6	3295.3	3270.0	3235.8	3189.1	3130.3	3036.8	2931.3
-60°	2772.3	2802.8	2822.1	2829.6	2822.1	2802.8	2772.3	2729.6	2674.7	2592.5	2495.6
-62.5°	2298.1	2327.0	2345.1	2352.1	2345.1	2327.0	2298.1	2259.4	2211.3	2144.0	2063.0
-65°	1829.4	1847.5	1857.5	1859.0	1857.5	1847.5	1829.4	1802.1	1765.5	1713.9	1650.9
-67.5°	1411.3	1425.1	1433.5	1436.3	1433.5	1425.1	1411.3	1392.2	1368.1	1337.5	1299.1
-70°	1107.4	1116.9	1122.3	1123.2	1122.3	1116.9	1107.4	1093.1	1073.9	1048.3	1016.9
-72.5°	825.6	832.4	830.1	824.5	830.1	832.4	825.6	816.0	803.4	789.0	774.2
-75°	644.1	651.6	648.4	643.1	648.4	651.6	644.1	635.1	624.7	612.8	599.5
-77.5°	514.5	521.3	518.0	512.7	518.0	521.3	514.5	506.4	497.2	486.7	474.5
-80°	367.4	371.5	374.3	375.7	374.3	371.5	367.4	362.4	356.6	350.3	345.4
-82.5°	188.0	182.5	179.0	174.8	179.0	182.5	188.0	192.6	196.0	198.3	199.4
-85°	53.2	51.9	52.8	53.5	52.8	51.9	53.2	54.2	55.1	55.8	60.4
-87.5°	15.2	15.6	15.7	15.7	15.7	15.6	15.2	14.8	14.4	13.9	14.0
-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: P645501 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-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°	0.6	0.9	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9
85°	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4
67.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.6
65°	1.6	1.5	1.6	1.8	1.9	1.8	1.8	1.9	1.9	1.8	1.7
62.5°	2.6	2.7	2.8	2.9	2.9	3.7	3.3	3.3	3.1	3.7	5.1
60°	6.3	4.9	7.4	8.3	7.1	12.1	20.4	18.4	5.4	29.5	34.1
57.5°	86.4	71.7	150.2	149.7	62.7	84.7	113.4	74.6	48.8	83.6	110.5
55°	602.0	551.3	479.3	471.7	496.6	377.3	315.5	303.5	237.6	154.4	183.5
52.5°	848.7	798.1	749.0	703.3	665.8	625.7	566.7	503.0	482.6	388.6	299.7
50°	960.3	1009.4	961.0	842.8	863.8	806.7	723.7	656.0	669.9	612.3	493.7
47.5°	1302.2	1362.1	1363.6	1293.1	1214.6	1190.5	1068.6	856.9	871.2	868.7	743.0
45°	1906.6	1823.0	1854.2	1755.1	1616.5	1539.9	1535.7	1309.3	1099.7	1065.6	1053.4
42.5°	2237.8	2175.9	2111.8	2038.0	1915.4	1793.1	1717.7	1590.4	1421.7	1272.5	1219.6
40°	2371.7	2299.6	2239.8	2178.6	2079.9	1954.7	1893.9	1726.7	1600.0	1470.8	1427.8
37.5°	2533.5	2396.7	2450.1	2334.4	2242.7	2212.2	2165.1	1991.1	1710.3	1686.6	1664.9
35°	2894.9	2766.9	2890.1	2868.3	2503.5	2544.1	2575.5	2361.6	2067.6	1908.1	1911.5
32.5°	3719.4	3424.4	3334.4	3444.7	3252.9	2934.5	2939.2	2874.1	2472.7	2240.7	2139.2
30°	4017.9	3886.9	3744.9	3725.8	3583.0	3398.9	3281.9	3125.4	2833.3	2568.5	2394.5
27.5°	4146.7	4027.8	3908.3	3816.1	3733.5	3608.5	3455.9	3272.0	3064.2	2826.9	2657.9
25°	4238.6	4105.5	4002.5	3900.6	3811.7	3717.1	3561.2	3382.1	3188.2	2996.9	2815.4
22.5°	4312.5	4188.4	4077.5	3967.9	3895.7	3794.0	3654.0	3469.0	3338.9	3217.3	2981.3
20°	4393.3	4273.7	4148.7	4154.0	4047.8	3877.9	3743.3	3651.2	3633.3	3496.5	3191.8
17.5°	4744.0	4415.1	4476.2	4592.1	4358.0	4049.7	4001.7	4006.8	3950.2	3823.0	3444.1
15°	5495.2	5020.1	5024.3	5104.2	4850.5	4471.6	4384.2	4373.5	4284.5	4143.7	3710.6
12.5°	5731.8	5573.1	5544.0	5425.2	5176.0	4892.9	4789.4	4733.2	4569.9	4297.7	3902.3
10°	5811.8	5719.8	5597.7	5477.9	5326.7	5212.9	5065.4	4861.4	4629.6	4367.0	4045.1
7.5°	5821.3	5725.9	5627.5	5513.4	5380.7	5247.2	5101.4	4898.5	4674.4	4416.9	4145.8
5°	5815.7	5720.7	5629.4	5520.4	5385.7	5256.3	5124.3	4923.7	4704.7	4449.5	4211.9
2.5°	5801.5	5705.3	5618.4	5519.4	5385.3	5260.6	5138.4	4950.6	4726.4	4476.3	4234.1
0°	5822.2	5727.0	5644.8	5533.9	5412.6	5267.8	5145.2	4978.2	4736.8	4494.2	4242.4
-2.5°	5831.1	5732.7	5657.4	5532.4	5431.9	5284.1	5159.9	4998.5	4756.6	4525.7	4262.6
-5°	5878.2	5780.4	5681.9	5556.6	5450.9	5312.6	5172.9	5006.8	4771.3	4542.7	4271.7
-7.5°	5909.1	5809.8	5695.4	5573.9	5467.7	5335.8	5180.9	5007.5	4784.9	4542.4	4276.1
-10°	5928.5	5824.7	5711.7	5587.3	5477.5	5341.7	5178.2	5003.2	4782.1	4531.8	4266.5
-12.5°	5955.7	5838.9	5722.6	5581.3	5471.2	5331.8	5168.4	4993.2	4761.7	4512.0	4242.0
-15°	5965.9	5845.9	5709.9	5571.4	5451.2	5315.6	5146.9	4963.6	4725.9	4481.4	4202.1
-17.5°	5970.1	5833.7	5688.7	5555.8	5426.3	5282.4	5104.4	4909.5	4680.1	4427.4	4149.5
-20°	5966.8	5808.1	5658.7	5514.0	5378.3	5232.3	5048.6	4855.6	4614.5	4357.5	4081.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645501 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5905.9	5762.2	5611.0	5454.1	5320.7	5165.8	4986.0	4786.2	4529.3	4280.7	3994.6
-25°	5838.9	5693.7	5537.5	5391.6	5249.5	5095.6	4910.9	4684.3	4440.3	4181.8	3889.3
-27.5°	5759.6	5607.0	5445.7	5297.3	5147.1	4995.7	4804.7	4576.5	4341.5	4058.9	3775.0
-30°	5652.7	5495.1	5330.7	5160.9	5023.6	4869.2	4680.4	4458.7	4206.4	3927.3	3657.2
-32.5°	5507.4	5359.2	5194.8	5033.4	4890.0	4728.0	4537.3	4317.3	4052.5	3788.5	3507.5
-35°	5359.9	5206.3	5049.5	4897.6	4746.5	4576.9	4382.3	4142.8	3889.7	3628.2	3336.6
-37.5°	5191.3	5031.4	4884.0	4739.7	4583.9	4410.0	4195.2	3963.8	3717.1	3429.6	3152.0
-40°	5010.2	4856.2	4695.3	4552.6	4386.4	4210.9	4003.4	3778.6	3507.2	3223.0	2962.1
-42.5°	4795.2	4641.3	4475.6	4316.7	4155.2	3988.4	3801.0	3557.7	3288.7	3020.7	2749.7
-45°	4535.6	4381.5	4218.7	4054.8	3903.8	3741.7	3567.3	3307.9	3042.2	2786.8	2526.7
-47.5°	4243.4	4094.1	3937.0	3774.6	3630.9	3468.1	3255.6	3014.3	2779.2	2536.1	2270.0
-50°	3926.2	3784.1	3638.8	3488.1	3326.7	3143.1	2939.1	2728.6	2495.8	2246.2	2003.1
-52.5°	3579.4	3449.4	3312.2	3167.4	3000.7	2818.5	2627.5	2403.9	2171.6	1959.9	1738.7
-55°	3217.5	3089.2	2953.6	2808.9	2653.5	2473.2	2275.3	2072.0	1882.4	1686.5	1517.8
-57.5°	2817.2	2695.5	2566.3	2429.7	2286.2	2118.6	1945.0	1772.4	1622.3	1470.0	1316.9
-60°	2389.2	2275.6	2165.7	2044.6	1912.2	1767.9	1641.3	1514.0	1386.6	1265.1	1141.8
-62.5°	1974.7	1879.7	1780.9	1682.7	1582.0	1477.8	1372.9	1274.6	1174.2	1071.2	980.4
-65°	1583.0	1510.7	1432.8	1364.8	1293.4	1218.1	1133.7	1056.7	983.7	908.2	831.0
-67.5°	1254.1	1202.6	1147.5	1093.9	1044.9	992.8	933.5	871.2	813.4	757.5	700.7
-70°	983.8	949.7	913.9	874.8	835.7	796.4	752.8	707.0	660.5	618.7	578.6
-72.5°	755.1	731.5	704.4	676.2	646.1	619.3	589.6	558.6	527.2	495.4	465.2
-75°	584.3	567.2	548.6	527.5	502.0	471.8	449.5	434.4	415.4	392.3	367.1
-77.5°	462.1	449.7	436.3	418.3	399.7	380.5	361.5	342.8	324.3	306.8	290.8
-80°	340.0	334.1	326.7	311.8	296.9	282.1	267.9	256.4	245.6	233.8	219.2
-82.5°	199.6	198.8	196.8	188.4	180.1	171.9	163.8	155.8	147.2	138.3	129.3
-85°	64.5	68.0	70.9	72.3	73.1	73.4	72.9	70.8	68.3	65.5	62.4
-87.5°	14.1	14.2	14.2	14.8	15.3	15.7	16.1	16.9	17.5	18.1	18.5
-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: P645501 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.7
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.3	1.3	1.4
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6	2.0	2.1
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.7	2.0	2.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.7	2.0	2.3
75°	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.4	1.7	2.0	2.3
72.5°	1.3	1.3	1.3	1.5	1.6	1.7	1.5	1.4	1.7	2.1	2.4
70°	1.5	1.4	1.3	1.5	1.8	2.1	2.0	2.1	1.8	2.1	2.4
67.5°	1.9	2.0	1.8	1.8	1.9	2.2	2.5	2.9	2.9	2.2	2.4
65°	2.0	2.3	2.7	3.7	3.2	2.3	2.6	5.1	4.1	3.5	2.5
62.5°	4.3	2.4	8.2	11.0	6.2	4.9	3.9	11.4	7.1	4.8	3.5
60°	10.3	8.4	23.0	36.8	25.7	8.6	12.7	19.7	18.1	6.2	4.9
57.5°	95.7	32.9	47.7	68.9	67.7	36.7	26.8	35.7	30.7	17.7	6.9
55°	204.2	171.9	113.5	104.0	112.3	90.6	59.0	57.9	47.5	32.9	11.2
52.5°	280.2	292.4	254.5	177.8	154.9	147.6	115.2	83.9	74.5	49.4	28.6
50°	405.6	377.8	373.9	313.9	217.1	196.5	170.1	131.1	104.6	70.6	48.3
47.5°	573.0	503.3	466.4	439.4	346.4	250.5	223.1	179.4	137.7	101.8	68.9
45°	818.8	650.5	579.2	535.4	474.7	352.3	279.2	226.2	179.5	136.6	90.5
42.5°	1065.7	841.1	707.8	637.2	574.1	467.3	339.2	280.2	220.2	172.1	118.0
40°	1283.6	1037.6	843.1	752.3	671.7	578.3	436.4	337.9	260.1	208.6	149.2
37.5°	1545.9	1261.3	998.8	872.9	775.7	671.1	534.9	398.3	308.1	246.9	180.4
35°	1799.7	1551.0	1173.1	1018.7	891.4	766.2	629.9	469.6	367.0	285.9	211.7
32.5°	2072.3	1823.4	1436.2	1181.4	1011.1	863.4	718.7	556.3	426.2	325.3	242.8
30°	2286.8	2002.7	1667.1	1344.3	1141.5	971.9	807.3	639.5	485.6	365.0	274.2
27.5°	2400.5	2157.9	1849.4	1525.9	1288.2	1083.1	898.6	719.1	544.9	408.7	306.9
25°	2518.1	2267.2	1979.7	1684.6	1433.0	1200.8	989.6	794.9	609.7	457.9	339.3
22.5°	2658.8	2360.1	2089.5	1810.4	1582.4	1320.1	1084.9	871.7	674.4	506.2	371.2
20°	2800.1	2446.4	2198.0	1981.6	1729.0	1449.2	1184.6	946.6	735.5	553.3	402.3
17.5°	2948.4	2603.2	2382.0	2148.6	1875.1	1574.4	1282.8	1019.1	792.8	598.8	432.6
15°	3206.5	2837.8	2567.3	2311.1	2020.5	1694.7	1378.6	1088.8	846.3	642.6	460.7
12.5°	3440.9	3056.2	2752.8	2468.3	2163.5	1809.5	1471.1	1155.1	895.8	677.5	485.8
10°	3634.8	3258.7	2936.2	2619.2	2302.3	1917.8	1559.2	1209.2	925.5	703.6	508.9
7.5°	3793.6	3445.9	3115.0	2762.7	2421.5	1988.6	1603.7	1240.6	948.5	725.7	530.0
5°	3908.3	3570.8	3209.9	2812.8	2458.8	2017.7	1633.9	1266.3	967.1	744.2	549.0
2.5°	3941.4	3609.2	3245.6	2840.2	2484.0	2036.6	1655.5	1285.9	981.4	759.2	565.8
0°	3960.6	3634.5	3267.9	2857.0	2496.9	2045.5	1668.5	1299.3	991.5	771.0	580.5
-2.5°	3987.5	3656.3	3289.5	2900.3	2505.5	2072.9	1675.9	1308.1	1004.3	775.2	589.0
-5°	4001.0	3664.8	3299.8	2929.4	2503.2	2089.2	1675.0	1310.9	1012.6	776.7	595.3
-7.5°	3995.0	3661.9	3300.3	2938.5	2491.9	2093.0	1665.9	1308.0	1016.0	775.6	599.2
-10°	3977.0	3647.0	3287.6	2914.9	2481.5	2078.2	1649.7	1299.7	1013.9	772.3	600.7
-12.5°	3949.6	3619.3	3261.9	2881.0	2459.8	2047.7	1630.6	1285.4	1005.8	766.9	599.7
-15°	3914.0	3578.9	3222.7	2837.9	2424.0	2007.1	1601.8	1264.7	989.8	760.9	596.2
-17.5°	3868.4	3526.3	3170.0	2786.7	2373.7	1956.9	1563.3	1237.8	969.9	753.4	589.0
-20°	3787.1	3455.6	3103.0	2728.6	2308.4	1897.3	1514.7	1204.6	946.1	742.9	578.7

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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°	3695.6	3368.0	3019.5	2650.1	2229.7	1828.8	1456.0	1165.1	918.8	729.2	566.4
-25°	3598.0	3269.5	2922.4	2541.4	2142.8	1756.5	1397.1	1119.4	887.9	712.2	552.1
-27.5°	3483.4	3157.8	2812.4	2421.8	2041.9	1672.5	1340.7	1079.0	858.1	692.0	535.8
-30°	3354.6	3026.6	2674.9	2294.1	1931.2	1575.3	1277.5	1035.8	832.8	670.0	517.7
-32.5°	3207.0	2882.0	2522.5	2163.5	1814.4	1472.3	1207.7	989.6	803.6	646.5	501.0
-35°	3039.0	2713.7	2361.1	2023.2	1690.5	1389.1	1139.4	940.6	770.6	621.2	483.3
-37.5°	2863.9	2533.2	2199.6	1876.7	1558.9	1298.9	1078.0	892.1	733.6	594.1	463.8
-40°	2664.0	2347.4	2030.2	1725.8	1444.9	1202.2	1011.6	844.3	698.7	565.2	442.5
-42.5°	2458.1	2152.5	1853.4	1566.1	1332.4	1123.4	942.1	792.8	661.9	537.4	419.3
-45°	2236.1	1946.7	1665.4	1431.5	1218.0	1040.0	881.1	739.5	622.6	508.8	395.4
-47.5°	2001.9	1729.8	1494.6	1291.3	1120.8	956.2	816.3	693.3	581.3	478.2	371.5
-50°	1753.9	1527.8	1337.2	1169.4	1016.0	880.7	751.8	645.0	543.5	444.4	346.3
-52.5°	1534.1	1353.0	1195.2	1051.6	923.5	801.2	696.2	595.5	504.5	412.1	320.1
-55°	1345.8	1197.3	1064.2	944.7	831.9	733.2	638.5	551.5	464.4	379.7	293.5
-57.5°	1183.1	1053.4	946.8	843.0	749.9	665.7	585.8	506.5	426.0	346.1	272.4
-60°	1026.9	930.0	835.2	751.8	672.9	601.5	536.2	461.5	387.3	312.6	249.1
-62.5°	891.9	809.2	737.6	664.8	599.3	541.1	486.2	417.6	347.4	281.5	223.7
-65°	765.5	701.9	640.9	582.8	528.5	479.1	434.7	372.5	307.5	248.5	197.3
-67.5°	645.3	597.5	549.5	500.8	458.0	418.1	380.1	323.9	265.7	213.9	171.2
-70°	538.0	497.1	459.5	423.3	388.7	355.4	319.6	272.1	222.0	182.9	144.4
-72.5°	436.7	406.8	375.6	345.9	320.2	291.0	258.0	221.0	185.9	151.3	117.1
-75°	342.9	323.2	301.2	277.6	253.7	227.6	205.8	179.9	149.3	119.1	94.4
-77.5°	274.3	255.1	233.1	214.3	198.3	180.4	160.6	138.2	113.9	92.6	72.9
-80°	202.4	187.7	175.2	164.4	149.6	133.3	116.9	100.5	82.8	66.3	51.1
-82.5°	123.4	120.2	116.8	111.8	99.4	87.3	75.4	63.7	51.2	39.6	32.8
-85°	61.7	60.5	58.6	56.0	48.4	41.0	37.6	34.1	29.9	25.8	21.9
-87.5°	20.3	21.8	23.0	23.9	22.2	20.5	18.8	17.1	15.0	12.9	11.0
-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°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.5	0.3	0.0
82.5°	2.0	1.7	1.4	1.0	0.7	0.4	0.0
80°	2.6	2.2	1.8	1.4	0.9	0.6	0.0
77.5°	2.6	2.6	2.2	1.7	1.1	0.7	0.0
75°	2.6	2.7	2.6	2.0	1.4	0.8	0.0
72.5°	2.7	2.8	2.7	2.3	1.6	1.0	0.0
70°	2.7	2.9	2.9	2.6	1.8	1.1	0.0
67.5°	3.1	3.0	3.0	2.8	2.1	1.3	0.0
65°	3.5	3.5	3.1	2.9	2.3	1.4	0.0
62.5°	4.1	4.3	3.3	3.0	2.5	1.5	0.0
60°	4.8	5.2	3.4	3.1	2.8	1.7	0.0
57.5°	8.9	6.3	4.4	3.3	2.9	1.8	0.0
55°	14.2	7.4	5.5	3.4	3.1	1.9	0.0
52.5°	20.4	9.5	6.7	3.6	3.2	2.1	0.0
50°	27.5	16.2	7.9	3.7	3.4	2.2	0.0
47.5°	37.0	23.4	9.1	4.1	3.5	2.3	0.0
45°	55.8	31.1	10.4	5.1	3.7	2.4	0.0
42.5°	75.1	39.4	11.8	6.1	3.8	2.6	0.0
40°	94.8	48.0	15.9	7.3	4.0	2.7	0.0
37.5°	114.9	57.2	22.7	8.9	4.2	2.8	0.0
35°	135.3	71.1	29.6	10.7	4.3	2.9	0.0
32.5°	157.4	87.1	36.6	12.6	4.5	3.0	0.0
30°	182.7	103.1	43.6	14.6	4.7	3.1	0.0
27.5°	207.5	118.9	52.3	16.9	4.8	3.2	0.0
25°	231.7	134.4	61.3	19.2	5.0	3.3	0.0
22.5°	255.2	150.2	70.2	21.6	5.2	3.4	0.0
20°	277.9	167.2	79.0	24.1	5.3	3.5	0.0
17.5°	300.4	183.6	87.6	26.6	5.5	3.5	0.0
15°	322.0	199.4	96.1	29.2	5.7	3.6	0.0
12.5°	342.1	214.5	104.3	31.7	5.8	3.7	0.0
10°	360.9	228.7	112.1	34.2	6.0	3.7	0.0
7.5°	378.1	242.0	119.5	36.6	6.1	3.8	0.0
5°	393.7	254.3	126.4	38.9	6.3	3.8	0.0
2.5°	407.7	265.4	132.7	41.1	6.4	3.9	0.0
0°	420.1	275.3	138.3	43.1	6.5	3.9	0.0
-2.5°	426.2	281.6	143.6	45.9	7.5	4.1	0.0
-5°	430.7	286.5	148.0	48.5	8.5	4.3	0.0
-7.5°	433.6	290.1	151.7	50.8	9.5	4.5	0.0
-10°	434.9	292.4	154.4	52.8	10.4	4.7	0.0
-12.5°	434.6	293.3	156.3	54.5	11.3	4.9	0.0
-15°	432.9	292.9	157.2	55.8	12.2	5.1	0.0
-17.5°	429.8	291.1	157.1	56.8	13.0	5.2	0.0
-20°	424.8	288.0	155.9	57.3	13.7	5.4	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	417.8	283.6	153.7	57.5	14.4	5.5	0.0
-25°	409.0	276.8	150.5	57.2	14.9	5.5	0.0
-27.5°	398.6	268.3	146.1	56.5	15.4	5.6	0.0
-30°	386.6	258.6	140.6	55.4	15.8	5.7	0.0
-32.5°	373.0	247.8	134.2	53.7	16.1	5.7	0.0
-35°	358.2	235.9	127.1	51.6	16.4	5.7	0.0
-37.5°	342.4	223.9	119.3	49.1	16.5	5.6	0.0
-40°	325.3	213.0	110.7	46.0	16.5	5.6	0.0
-42.5°	307.0	201.3	104.3	42.7	16.4	5.5	0.0
-45°	287.6	189.0	99.9	39.3	16.2	5.4	0.0
-47.5°	267.1	175.8	94.6	35.5	15.9	5.2	0.0
-50°	250.0	162.0	88.7	34.3	15.5	5.1	0.0
-52.5°	232.8	147.6	81.9	33.6	15.0	4.9	0.0
-55°	215.0	136.6	74.4	32.5	14.4	4.7	0.0
-57.5°	196.5	125.5	66.2	31.1	13.8	4.5	0.0
-60°	177.7	113.4	57.6	29.4	13.0	4.2	0.0
-62.5°	160.5	100.3	53.5	27.3	12.2	4.0	0.0
-65°	142.2	86.3	48.9	24.9	11.3	3.7	0.0
-67.5°	122.6	74.6	43.7	22.2	10.4	3.3	0.0
-70°	102.1	65.3	38.0	19.3	9.4	3.0	0.0
-72.5°	86.3	55.3	31.9	17.0	8.4	2.7	0.0
-75°	70.6	44.6	25.4	14.8	7.3	2.3	0.0
-77.5°	54.0	33.5	21.0	12.5	6.1	2.0	0.0
-80°	36.9	25.5	16.9	10.1	4.9	1.6	0.0
-82.5°	27.1	19.3	12.8	7.6	3.7	1.2	0.0
-85°	18.1	12.9	8.6	5.1	2.5	0.8	0.0
-87.5°	9.1	6.5	4.3	2.6	1.3	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)