

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



Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627790 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-722-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627790 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6B-722-U-VWR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (96) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

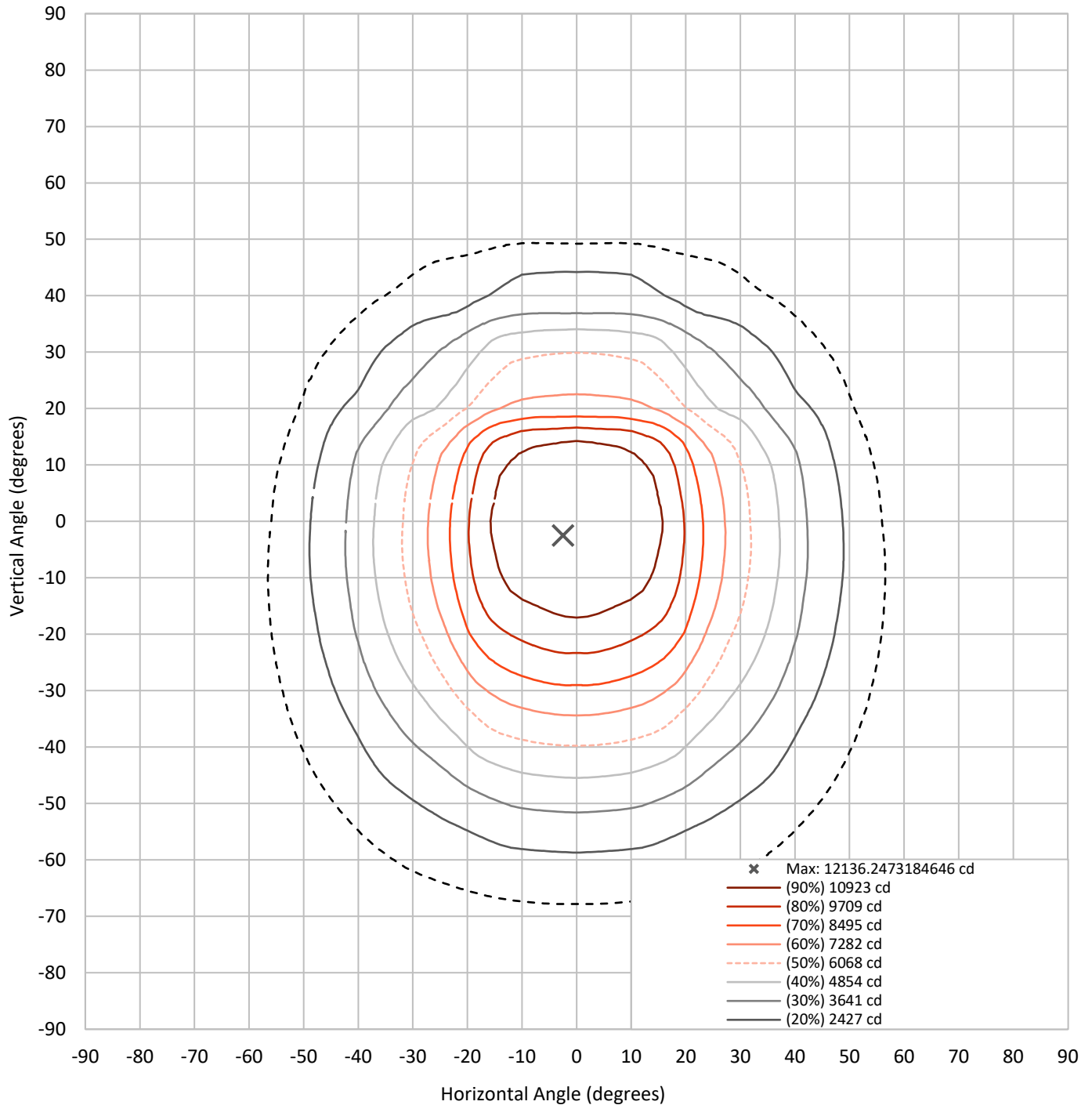
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	16196.2 lumens	Max Intensity:	12136.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	85.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	9370.6 lumens	Field Lumens:	15369.2 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
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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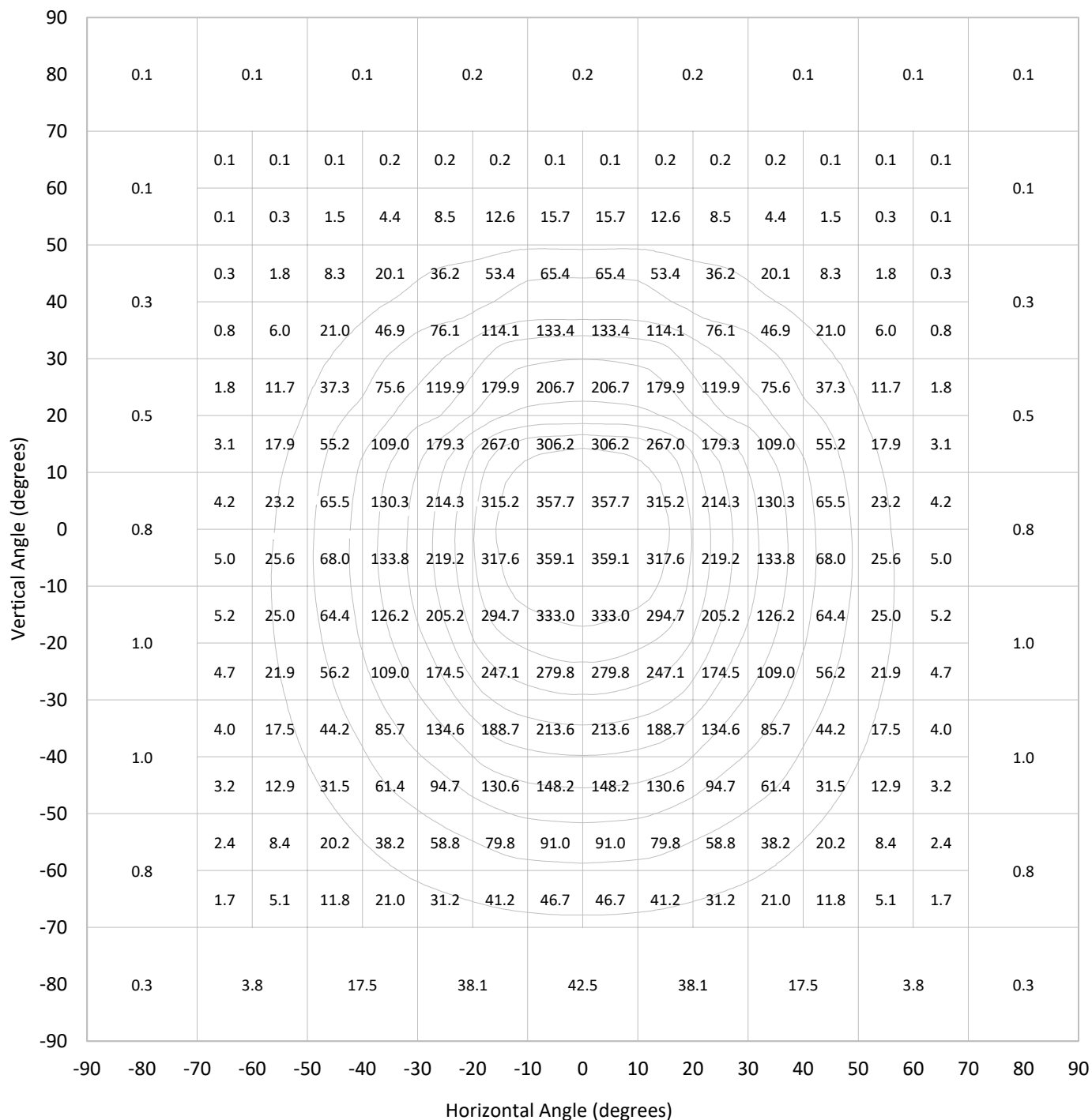
### Iso-Candela Plot





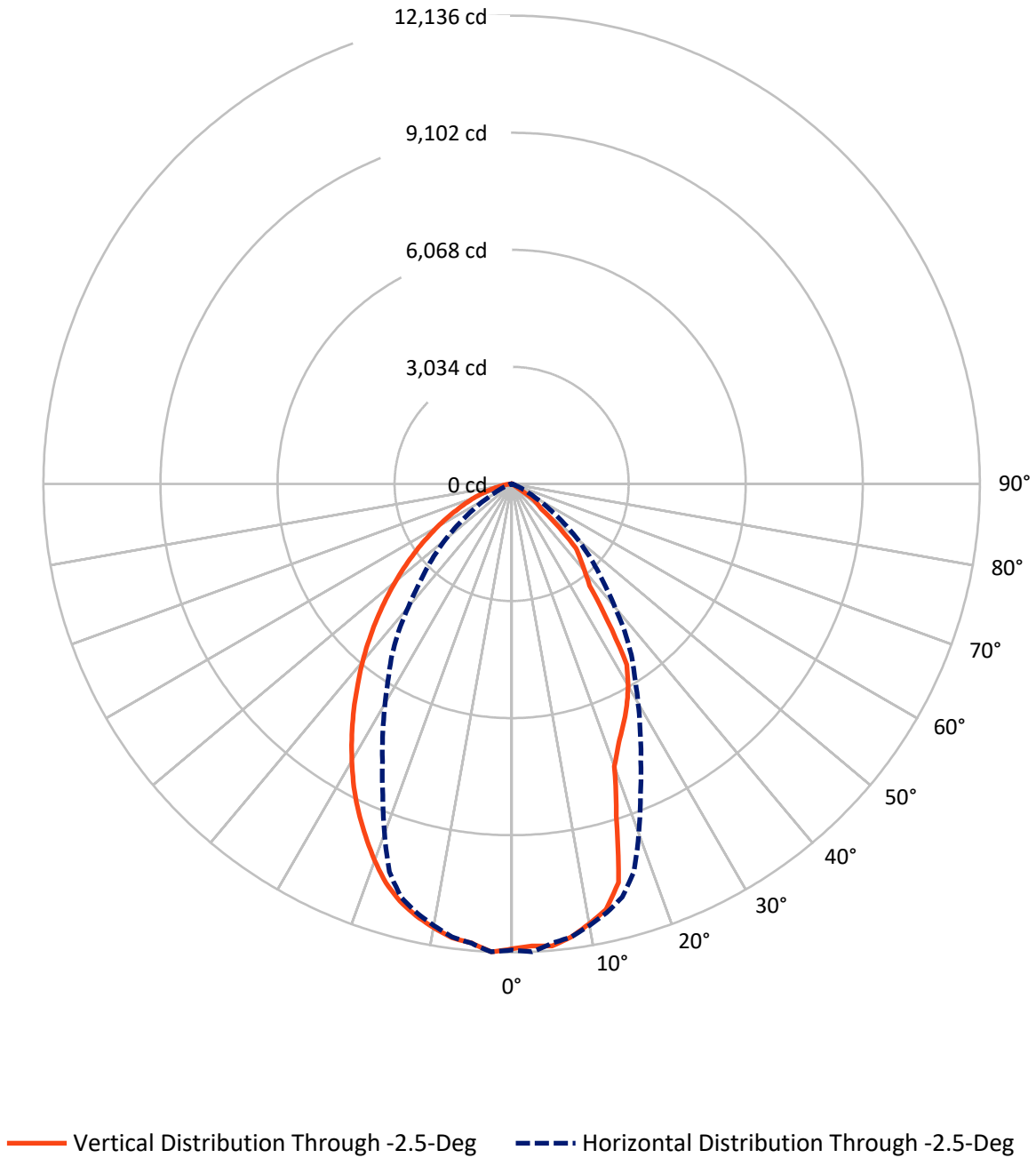
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### Lumen Table



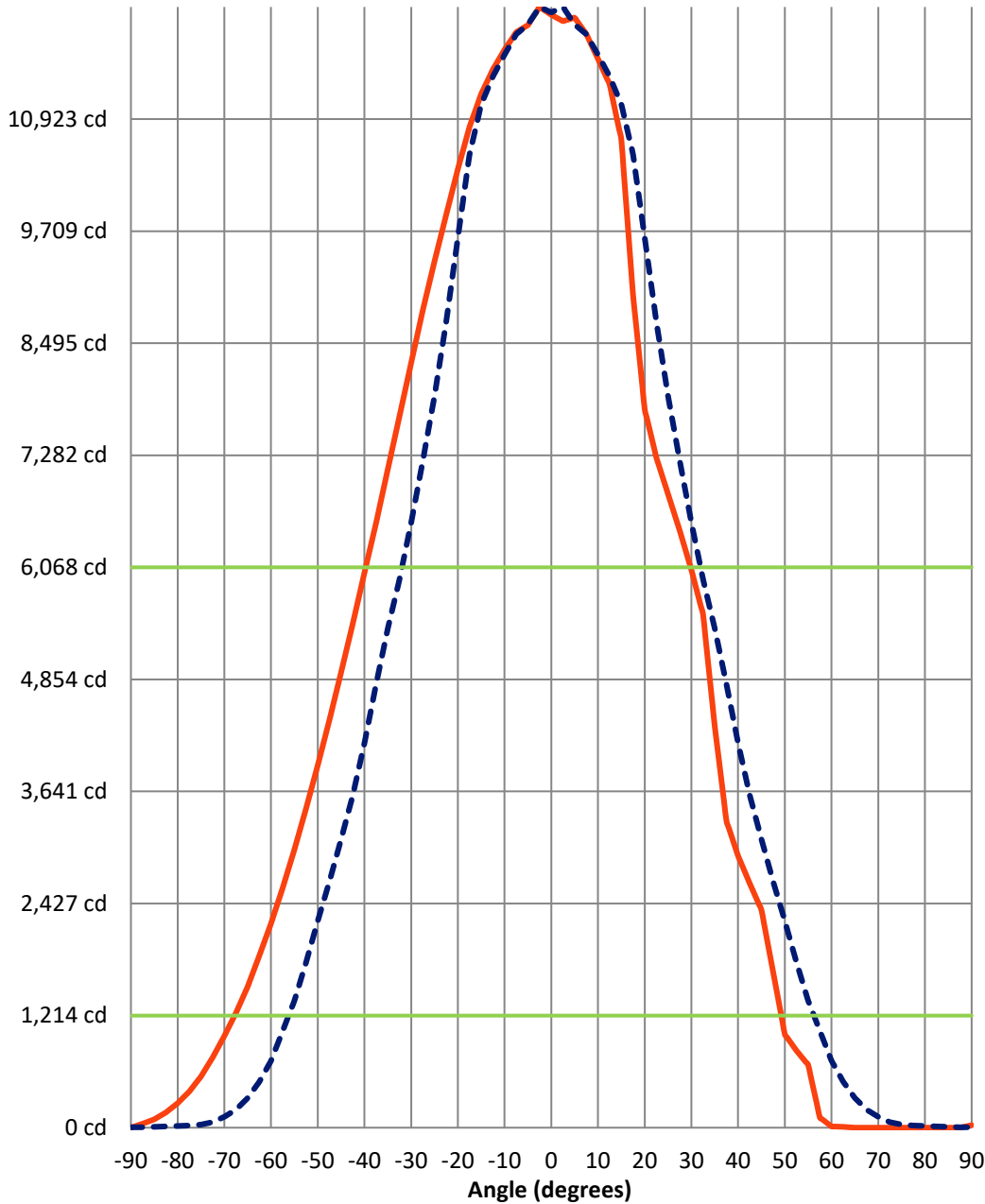
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 9370.6  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 15369.2  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 827  
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg  
 - - Horizontal Distribution through -2.5-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°	4.5	4.5	4.5	5.6	6.8	8.0	9.1	10.2	11.4	12.5	13.6
87.5°	4.5	4.5	4.5	4.4	4.1	3.8	3.3	2.4	1.5	0.7	0.0
85°	4.5	4.5	4.5	4.2	3.7	3.0	2.2	1.4	0.7	0.3	0.0
82.5°	4.5	4.5	4.5	4.1	3.4	2.3	1.1	0.3	0.1	0.7	1.2
80°	4.5	4.5	4.5	3.9	3.0	1.7	0.2	0.9	1.6	2.4	3.1
77.5°	4.5	4.5	4.5	3.8	2.7	1.5	1.4	2.2	3.1	4.1	4.1
75°	4.5	4.5	4.5	3.7	2.5	2.2	2.5	3.5	4.4	3.7	2.4
72.5°	4.5	4.5	4.5	3.6	2.9	2.9	3.6	4.4	3.8	2.6	0.8
70°	4.5	4.5	4.5	3.6	3.2	3.6	4.5	4.3	3.3	1.7	2.1
67.5°	4.5	4.5	4.5	3.8	3.6	4.2	4.6	4.1	2.9	3.5	4.0
65°	4.5	4.5	4.5	3.9	3.9	4.7	4.8	4.1	4.5	5.3	5.6
62.5°	4.5	4.5	4.5	4.0	4.2	5.0	5.1	5.1	6.1	6.9	6.2
60°	4.5	4.5	4.5	4.2	4.5	5.4	5.4	6.5	7.7	7.9	7.1
57.5°	4.5	4.5	4.6	4.3	4.9	5.9	6.4	7.9	9.0	9.1	8.9
55°	4.5	4.5	4.6	4.4	5.4	6.3	7.6	9.2	10.3	10.5	11.0
52.5°	4.5	4.5	4.7	4.4	5.9	6.9	8.7	10.5	11.8	12.5	13.2
50°	4.5	4.5	4.8	4.5	6.4	7.9	9.9	11.8	13.4	14.4	15.3
47.5°	4.5	4.5	4.9	4.6	6.9	8.8	10.9	13.1	15.1	16.3	17.4
45°	4.5	4.5	5.1	5.0	7.5	9.7	12.0	14.3	16.7	18.2	19.5
42.5°	4.5	4.5	5.2	5.5	8.1	10.5	13.0	15.7	18.4	20.1	23.7
40°	4.5	4.5	5.4	6.0	8.7	11.4	14.0	17.2	20.2	22.0	28.3
37.5°	4.5	4.5	5.6	6.6	9.3	12.2	15.0	18.8	22.1	25.0	32.9
35°	4.5	4.5	5.7	7.2	10.0	13.0	16.0	20.4	24.1	30.7	41.9
32.5°	4.5	4.5	6.0	7.8	10.6	13.7	17.0	22.1	26.2	37.3	59.8
30°	4.5	4.5	6.2	8.4	11.2	14.5	18.3	23.9	28.3	45.0	77.2
27.5°	4.5	4.5	6.4	8.9	11.9	15.1	19.7	25.6	32.1	53.4	94.0
25°	4.5	4.5	6.7	9.4	12.6	15.8	21.0	27.4	38.6	65.8	110.5
22.5°	4.5	4.5	6.9	10.0	13.2	16.5	22.4	29.2	45.5	79.4	132.3
20°	4.5	4.5	7.2	10.5	13.9	17.3	23.7	31.0	52.6	92.4	154.0
17.5°	4.5	4.5	7.4	10.9	14.5	18.1	25.0	32.7	59.9	104.6	175.3
15°	4.5	4.5	7.7	11.4	15.1	18.9	26.2	35.0	67.3	116.0	196.0
12.5°	4.5	4.5	7.9	11.8	15.7	19.6	27.4	38.1	75.4	126.6	215.8
10°	4.5	4.5	8.2	12.2	16.2	20.3	28.5	41.4	84.1	138.9	235.7
7.5°	4.5	4.5	8.4	12.6	16.8	21.0	29.4	44.8	92.3	150.9	256.6
5°	4.5	4.5	8.7	13.0	17.2	21.6	30.3	48.2	100.0	162.0	275.9
2.5°	4.5	4.5	8.9	13.3	17.7	22.2	31.0	51.4	107.1	172.2	293.1
0°	4.5	4.5	9.1	13.6	18.1	22.7	31.7	54.4	113.3	181.2	308.1
-2.5°	4.5	4.5	9.1	13.6	18.1	22.7	31.7	54.4	113.3	181.2	308.1
-5°	4.5	4.5	9.1	13.5	18.8	23.6	35.1	65.0	121.4	208.0	332.6
-7.5°	4.5	4.5	9.0	13.5	19.1	24.0	36.5	69.4	124.2	218.3	341.3
-10°	4.5	4.5	9.0	13.4	19.3	24.3	37.7	73.0	126.3	225.7	347.6
-12.5°	4.5	4.5	8.9	13.3	19.5	24.6	38.5	75.8	127.7	229.6	352.5
-15°	4.5	4.5	8.8	13.1	19.6	24.9	39.1	77.4	130.4	229.1	354.3
-17.5°	4.5	4.5	8.7	13.0	19.5	25.1	39.3	79.1	134.3	226.8	352.1
-20°	4.5	4.5	8.5	12.8	19.4	25.2	40.3	80.7	136.8	222.7	345.7

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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°	4.5	4.5	8.4	12.6	19.2	25.3	42.9	81.4	137.9	216.7	334.7
-25°	4.5	4.5	8.2	12.3	18.8	27.0	45.0	81.2	137.5	209.0	319.0
-27.5°	4.5	4.5	8.1	12.1	18.4	29.1	46.7	79.9	135.6	202.5	307.5
-30°	4.5	4.5	7.9	11.8	17.9	30.9	47.8	77.7	133.1	199.5	294.7
-32.5°	4.5	4.5	7.7	11.5	18.6	32.4	48.4	77.8	129.8	194.6	280.1
-35°	4.5	4.5	7.4	11.1	19.1	33.6	49.7	78.3	125.3	187.5	264.0
-37.5°	4.5	4.5	7.2	10.8	19.4	34.3	51.1	78.0	119.5	178.4	256.8
-40°	4.5	4.5	6.9	10.4	19.5	34.6	51.9	76.9	112.5	169.7	248.7
-42.5°	4.5	4.5	6.7	10.2	19.6	34.6	52.1	75.2	108.4	162.7	236.4
-45°	4.5	4.5	6.4	10.3	19.7	34.4	51.9	73.6	105.5	154.0	220.9
-47.5°	4.5	4.5	6.1	10.2	19.6	33.8	51.1	72.5	101.7	143.6	208.7
-50°	4.5	4.5	5.8	10.1	19.3	33.0	50.0	70.7	98.7	139.9	194.1
-52.5°	4.5	4.5	5.5	9.9	18.7	32.0	48.6	68.2	96.2	135.0	178.5
-55°	4.5	4.5	5.2	9.6	17.9	30.7	46.9	65.2	93.0	128.8	171.1
-57.5°	4.5	4.5	4.8	9.2	16.9	29.0	44.8	62.4	88.7	122.4	162.2
-60°	4.5	4.5	4.5	8.8	15.7	27.1	42.3	59.3	83.1	114.8	152.1
-62.5°	4.5	4.5	4.5	8.3	14.8	24.8	38.9	55.3	76.2	105.7	140.2
-65°	4.5	4.5	4.5	7.8	13.9	22.2	35.1	50.0	67.9	93.8	126.8
-67.5°	4.5	4.5	4.5	7.2	12.8	20.0	30.9	43.9	58.2	79.9	109.0
-70°	4.5	4.5	4.5	6.5	11.6	18.1	26.3	37.5	49.9	64.4	88.1
-72.5°	4.5	4.5	4.5	6.4	10.4	16.2	23.2	30.6	41.1	53.4	67.4
-75°	4.5	4.5	4.5	6.3	9.0	14.1	20.2	25.8	32.0	42.1	53.6
-77.5°	4.5	4.5	4.5	6.2	8.5	11.9	17.1	21.7	26.6	31.8	39.3
-80°	4.5	4.5	4.5	6.2	8.2	10.7	13.8	17.5	21.4	25.7	30.2
-82.5°	4.5	4.5	4.5	6.0	7.9	10.1	12.5	14.2	16.1	19.4	22.8
-85°	4.5	4.5	4.5	5.9	7.6	9.4	11.4	12.9	14.4	15.9	17.4
-87.5°	4.5	4.5	4.5	5.8	7.2	8.7	10.3	11.6	12.9	14.2	15.5
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.4	2.2	1.1	0.0





REPORT NUMBER: P627790 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	14.7	15.9	17.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.3	1.2	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.0	2.4	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.6	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.0	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.7	1.3	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2.6	2.8	1.8	0.7	0.0	0.2	0.7	0.5	0.0	0.2	0.6
67.5°	4.2	3.1	2.0	1.3	1.7	2.3	2.1	2.3	2.4	2.7	2.3
65°	4.4	3.3	3.4	3.9	4.4	4.9	5.3	5.6	4.7	4.1	4.1
62.5°	4.7	5.1	5.9	6.6	7.3	7.9	7.9	7.0	5.3	6.7	7.7
60°	6.7	7.4	8.4	9.3	10.2	10.7	10.2	10.3	11.4	13.3	25.5
57.5°	9.1	9.7	10.8	12.3	13.5	13.7	14.1	15.3	35.9	58.6	64.8
55°	11.5	12.0	13.9	16.1	17.4	17.3	24.8	52.4	79.0	109.5	120.8
52.5°	13.8	14.8	18.0	20.7	22.4	34.9	62.9	100.3	139.7	174.7	219.9
50°	16.1	19.4	22.8	26.7	42.6	75.2	116.2	167.2	226.5	282.5	339.7
47.5°	20.2	24.3	29.4	42.1	84.0	129.3	186.0	268.0	341.3	408.9	487.4
45°	24.9	33.5	39.1	83.5	132.1	190.6	286.5	386.8	453.3	543.8	682.7
42.5°	29.8	46.3	74.8	126.1	185.4	279.6	398.6	484.1	572.5	719.2	865.3
40°	42.9	62.1	113.0	173.9	249.0	386.4	508.5	605.4	726.1	888.7	1041.2
37.5°	58.8	94.9	151.8	224.8	348.8	499.4	630.2	768.5	907.3	1060.6	1343.5
35°	76.5	125.3	201.0	299.5	448.7	624.8	780.7	935.2	1095.1	1397.2	1677.8
32.5°	99.5	153.2	252.4	386.4	556.6	750.0	930.9	1109.5	1366.0	1707.8	1989.4
30°	124.3	198.1	311.6	466.8	658.3	864.6	1082.2	1298.4	1637.8	1920.7	2226.4
27.5°	150.3	245.6	381.0	550.8	753.5	972.7	1218.3	1526.8	1829.5	2109.0	2445.0
25°	176.9	295.0	444.5	631.2	847.1	1089.7	1372.1	1747.9	1984.7	2293.5	2644.0
22.5°	211.1	342.3	507.3	704.0	933.9	1209.8	1570.0	1947.4	2226.0	2485.8	2828.2
20°	250.7	395.5	575.7	795.2	1018.9	1327.1	1766.8	2163.6	2491.4	2788.9	3103.4
17.5°	287.6	445.3	648.9	888.4	1142.6	1477.5	1959.8	2399.1	2759.8	3091.3	3483.9
15°	321.8	491.3	720.5	976.6	1264.2	1649.8	2133.0	2615.4	3027.3	3400.3	3846.4
12.5°	353.1	533.4	789.5	1059.1	1378.7	1798.3	2278.4	2749.2	3202.0	3688.0	4194.3
10°	381.3	571.2	854.7	1135.3	1484.8	1923.9	2398.5	2860.8	3317.6	3831.9	4394.5
7.5°	411.5	606.6	913.9	1204.5	1581.4	2027.7	2494.4	2950.4	3411.1	3947.1	4524.6
5°	439.4	639.1	960.9	1254.1	1656.1	2108.6	2566.6	3018.4	3482.0	4032.9	4623.1
2.5°	464.0	666.4	999.2	1293.0	1711.4	2168.2	2613.6	3075.1	3534.7	4102.6	4698.3
0°	484.8	688.6	1028.4	1322.9	1753.3	2210.8	2641.2	3112.4	3565.4	4149.8	4747.8
-2.5°	498.1	725.0	1048.5	1375.0	1789.8	2238.7	2665.9	3122.8	3598.6	4164.8	4803.4
-5°	507.4	754.4	1060.6	1415.2	1813.7	2251.0	2674.1	3114.7	3607.4	4161.1	4811.6
-7.5°	512.9	775.2	1066.2	1438.0	1822.1	2243.7	2660.3	3099.4	3592.9	4146.8	4775.6
-10°	516.0	781.7	1073.9	1431.1	1811.0	2219.4	2629.7	3063.4	3551.8	4100.4	4707.2
-12.5°	524.5	777.6	1072.6	1415.9	1787.2	2182.7	2584.2	3006.4	3483.3	4021.4	4612.7
-15°	526.7	768.2	1059.7	1393.4	1750.8	2134.7	2524.7	2928.3	3398.9	3944.4	4508.2
-17.5°	521.9	754.2	1034.6	1364.8	1702.0	2076.5	2454.6	2857.9	3319.7	3855.6	4398.5
-20°	509.8	735.9	996.7	1331.0	1644.1	2011.9	2384.5	2784.1	3228.6	3732.4	4275.7

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	489.9	713.8	955.7	1283.9	1594.2	1937.6	2302.3	2683.5	3114.5	3572.6	4110.6
-25°	469.4	688.9	923.4	1219.1	1534.1	1850.9	2207.8	2560.6	2980.4	3430.3	3907.8
-27.5°	450.0	654.1	889.8	1148.1	1463.3	1758.4	2100.9	2445.1	2829.7	3270.6	3710.2
-30°	424.5	616.4	848.8	1079.8	1378.7	1671.2	1981.8	2320.5	2666.3	3084.7	3517.3
-32.5°	402.1	577.3	802.1	1027.8	1287.7	1573.1	1853.3	2176.1	2513.7	2870.3	3297.7
-35°	387.1	554.2	752.6	967.8	1194.8	1466.3	1732.8	2013.3	2340.2	2674.9	3050.2
-37.5°	374.9	527.6	700.5	905.2	1121.3	1354.3	1603.8	1861.8	2147.1	2484.6	2837.4
-40°	355.8	497.7	661.9	845.5	1036.2	1248.0	1479.7	1713.2	1960.6	2290.2	2638.4
-42.5°	331.3	468.7	625.5	780.6	954.8	1148.1	1354.0	1574.0	1811.7	2098.1	2418.1
-45°	312.4	431.7	585.0	723.9	868.1	1045.0	1238.3	1437.6	1661.8	1907.7	2195.1
-47.5°	288.4	391.4	532.1	661.9	789.0	939.9	1116.8	1305.4	1503.9	1725.5	1961.1
-50°	262.8	357.8	467.4	593.8	715.0	840.5	991.3	1165.7	1345.9	1539.0	1749.2
-52.5°	243.4	318.5	418.6	523.8	639.3	753.1	881.5	1031.0	1192.0	1353.3	1538.2
-55°	221.4	289.6	372.1	466.4	564.7	670.1	787.0	918.0	1049.1	1197.3	1344.9
-57.5°	205.8	261.7	333.2	415.2	503.5	593.1	703.4	814.1	935.5	1058.2	1180.6
-60°	193.8	237.6	297.0	369.1	447.9	531.6	622.2	724.4	828.9	929.1	1034.8
-62.5°	179.9	218.1	264.5	323.3	394.5	467.3	547.1	634.7	729.3	813.6	895.6
-65°	162.0	195.2	235.0	282.9	338.8	400.4	468.3	542.2	623.9	692.3	759.3
-67.5°	141.5	169.4	202.8	241.9	288.5	336.6	386.4	448.9	515.3	571.1	625.7
-70°	115.6	141.5	168.8	200.7	237.2	277.9	321.8	367.1	412.6	458.2	508.1
-72.5°	88.5	112.0	135.2	157.9	187.0	220.4	256.2	294.2	333.9	372.9	410.8
-75°	67.5	82.7	103.0	123.5	143.7	165.4	189.6	219.8	256.7	294.5	329.2
-77.5°	50.9	63.8	77.2	91.4	104.1	120.1	137.6	156.4	186.8	221.7	256.9
-80°	36.7	44.4	55.2	66.5	75.5	84.3	93.5	103.0	125.7	153.8	183.8
-82.5°	27.3	32.5	38.5	45.1	49.6	54.0	58.9	65.2	82.0	101.0	121.0
-85°	18.8	20.4	23.6	27.3	29.8	32.3	35.0	37.6	46.7	56.8	67.7
-87.5°	16.2	17.0	17.9	18.8	19.1	19.4	19.7	20.0	23.1	26.2	29.5
-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: P627790 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	18.1	19.3	20.4	21.6	22.7	23.8	25.0	26.1	27.2	27.2	27.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.4	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2.1	2.3	2.3	1.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0
65°	4.7	4.5	3.4	2.2	1.1	1.7	2.8	3.3	3.3	2.9	2.3
62.5°	7.2	6.6	6.0	6.9	8.3	9.6	9.2	8.7	8.1	7.7	8.0
60°	26.8	17.9	20.7	25.9	24.2	16.6	27.3	30.9	26.4	18.0	17.4
57.5°	67.9	65.5	75.1	109.7	120.7	110.0	131.5	159.6	158.7	136.7	136.0
55°	144.7	194.1	253.8	263.4	305.0	388.2	453.0	424.6	424.4	445.8	514.6
52.5°	274.8	321.4	338.8	385.2	472.0	535.0	575.5	617.4	663.3	710.1	757.6
50°	403.3	448.6	500.0	547.5	667.7	732.3	721.5	808.3	919.4	988.7	1024.4
47.5°	591.5	662.9	771.6	942.0	1031.6	1096.5	1177.1	1275.4	1402.6	1575.2	1708.2
45°	813.2	925.5	1093.7	1274.6	1413.7	1477.1	1569.4	1721.7	1924.6	2122.1	2266.4
42.5°	994.4	1148.5	1338.1	1511.0	1624.5	1728.6	1848.1	1976.5	2208.9	2419.9	2586.7
40°	1230.9	1350.8	1563.6	1726.6	1828.2	1931.4	2120.7	2312.9	2531.5	2728.1	2864.7
37.5°	1530.6	1665.6	1886.9	2071.2	2169.0	2205.5	2527.4	2795.0	2972.5	3223.6	3305.7
35°	1852.5	2074.7	2356.8	2595.7	2691.6	2883.1	3214.8	3588.0	3992.4	4141.2	4268.0
32.5°	2211.6	2485.8	2868.5	3124.9	3261.9	3552.5	3972.2	4370.6	4899.4	5186.4	5272.2
30°	2540.2	2854.8	3183.8	3433.0	3667.1	4017.0	4399.7	4891.0	5380.0	5747.0	5860.9
27.5°	2781.3	3129.4	3445.7	3679.2	3943.2	4320.5	4797.7	5295.2	5775.2	6149.6	6282.6
25°	3011.5	3405.0	3655.4	3926.8	4236.9	4648.1	5176.9	5729.7	6202.4	6518.9	6682.0
22.5°	3273.3	3661.3	3930.1	4160.0	4565.5	5039.2	5530.1	6154.7	6655.6	6908.1	7085.0
20°	3543.5	3982.5	4397.8	4611.6	4962.4	5562.3	6111.9	6701.5	7185.2	7448.3	7634.6
17.5°	3920.6	4480.0	4989.3	5292.1	5667.8	6385.0	7070.7	7667.3	8340.1	8577.8	8805.4
15°	4318.2	4965.6	5562.2	6041.9	6527.2	7237.8	8120.5	8840.4	9608.1	9951.0	10338.6
12.5°	4714.5	5327.1	5867.6	6486.5	7170.4	7799.1	8639.4	9535.8	10232.5	10669.8	10930.7
10°	5010.7	5579.7	6099.8	6720.2	7402.8	8114.0	8949.0	9867.9	10597.2	10970.3	11183.3
7.5°	5170.6	5715.2	6263.9	6892.5	7572.0	8329.4	9189.8	10101.4	10847.2	11208.7	11419.0
5°	5289.4	5812.4	6380.5	7042.2	7729.3	8497.3	9356.6	10257.3	10937.2	11321.5	11587.4
2.5°	5361.3	5874.1	6454.9	7139.1	7827.8	8627.7	9528.4	10462.1	11057.0	11366.1	11610.7
0°	5382.1	5898.6	6496.6	7189.7	7896.4	8702.9	9595.3	10519.5	11122.1	11421.1	11670.3
-2.5°	5405.6	5937.3	6551.7	7222.5	7923.3	8727.4	9638.4	10539.0	11081.0	11382.8	11619.8
-5°	5389.2	5940.3	6552.9	7195.4	7900.7	8698.4	9573.0	10415.0	10982.0	11308.2	11543.9
-7.5°	5340.5	5899.4	6505.6	7123.1	7815.0	8621.8	9492.7	10303.5	10877.9	11221.9	11479.8
-10°	5269.5	5812.1	6422.5	7047.9	7731.6	8499.5	9357.0	10163.0	10712.7	11077.9	11378.5
-12.5°	5190.8	5722.2	6310.6	6910.5	7586.6	8345.1	9175.9	9938.8	10485.3	10883.6	11098.4
-15°	5074.3	5605.4	6167.8	6748.1	7407.1	8142.9	8936.6	9668.5	10205.2	10529.3	10766.7
-17.5°	4926.0	5447.1	5980.4	6530.7	7151.7	7876.3	8674.7	9396.6	9834.1	10123.6	10356.9
-20°	4767.2	5249.1	5754.3	6273.7	6875.5	7593.3	8377.5	9007.2	9419.5	9697.6	9917.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627790 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4585.9	5050.0	5512.4	6008.9	6598.9	7257.0	7949.7	8558.2	9001.5	9254.9	9458.5
-25°	4378.9	4830.3	5269.5	5749.0	6291.2	6882.8	7526.8	8124.8	8521.8	8791.0	8992.9
-27.5°	4156.0	4580.1	5009.0	5439.6	5927.2	6516.6	7113.0	7668.5	8007.4	8278.7	8481.8
-30°	3933.5	4314.9	4711.8	5119.4	5577.0	6108.4	6666.3	7133.5	7490.9	7754.4	7943.0
-32.5°	3692.3	4054.3	4405.8	4786.8	5217.7	5686.1	6175.7	6620.0	7002.0	7243.3	7402.2
-35°	3445.2	3795.7	4117.5	4463.3	4843.3	5247.5	5699.5	6137.7	6514.9	6705.9	6860.7
-37.5°	3187.9	3537.3	3842.5	4131.4	4458.8	4833.1	5273.3	5691.4	6017.2	6181.4	6321.0
-40°	2964.2	3271.8	3546.5	3823.0	4089.1	4421.5	4832.3	5237.1	5498.6	5658.6	5788.2
-42.5°	2747.1	3006.6	3231.5	3479.3	3745.7	4073.4	4404.8	4744.2	4954.4	5132.0	5268.6
-45°	2494.2	2726.1	2937.0	3143.1	3386.0	3685.2	3986.3	4258.2	4455.0	4626.6	4759.6
-47.5°	2214.4	2438.4	2643.1	2827.4	3053.2	3302.7	3556.2	3782.4	3976.8	4146.4	4265.0
-50°	1953.7	2153.8	2353.7	2540.2	2735.8	2937.7	3143.4	3341.9	3526.4	3691.2	3792.2
-52.5°	1720.1	1904.7	2079.5	2242.5	2413.7	2584.3	2754.5	2936.4	3106.2	3262.2	3342.8
-55°	1508.7	1675.2	1832.9	1970.3	2107.6	2242.9	2388.9	2556.8	2713.1	2857.6	2915.5
-57.5°	1319.0	1461.5	1601.1	1717.2	1829.4	1937.0	2065.2	2206.9	2343.7	2467.5	2514.9
-60°	1144.5	1257.6	1374.3	1477.4	1575.1	1667.4	1779.2	1893.3	2004.3	2097.6	2137.9
-62.5°	984.0	1080.7	1169.1	1252.9	1335.7	1418.8	1509.0	1599.5	1689.2	1761.1	1797.5
-65°	829.3	906.3	977.4	1046.2	1113.1	1182.9	1253.5	1322.3	1388.6	1440.0	1471.5
-67.5°	684.1	742.6	799.0	852.7	908.6	965.1	1020.4	1073.1	1122.9	1162.6	1192.8
-70°	555.3	600.6	644.7	689.1	735.8	779.8	821.4	860.8	897.9	926.5	949.8
-72.5°	447.6	484.4	522.5	562.5	600.2	633.1	663.0	691.8	719.4	735.6	747.7
-75°	360.8	391.8	424.9	457.3	488.9	513.9	535.8	557.1	577.5	578.6	574.5
-77.5°	291.5	319.1	344.8	370.2	395.4	410.8	424.3	438.1	452.1	444.0	431.2
-80°	214.0	237.0	258.7	280.6	302.5	311.6	318.0	323.5	328.2	317.6	304.6
-82.5°	142.0	156.5	170.6	185.1	199.6	205.5	209.9	213.4	216.3	206.8	195.8
-85°	79.2	86.2	93.0	99.9	106.9	111.0	114.7	118.2	121.3	115.6	109.1
-87.5°	32.9	34.5	36.1	37.6	39.1	40.5	41.9	43.3	44.7	44.9	45.0
-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: P627790 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	26.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.3	0.2	0.0	0.0	0.0	0.2	1.3	2.3	2.9	3.3	3.3
62.5°	8.3	8.7	9.0	9.1	9.0	8.7	8.3	8.0	7.7	8.1	8.7
60°	16.0	14.0	13.5	13.6	13.5	14.0	16.0	17.4	18.0	26.4	30.9
57.5°	125.6	107.5	110.2	122.3	110.2	107.5	125.6	136.0	136.7	158.7	159.6
55°	586.9	655.2	679.3	666.0	679.3	655.2	586.9	514.6	445.8	424.4	424.6
52.5°	795.2	823.2	834.0	833.6	834.0	823.2	795.2	757.6	710.1	663.3	617.4
50°	1035.2	1025.8	1011.2	996.7	1011.2	1025.8	1035.2	1024.4	988.7	919.4	808.3
47.5°	1727.7	1697.7	1685.1	1708.0	1685.1	1697.7	1727.7	1708.2	1575.2	1402.6	1275.4
45°	2295.8	2330.9	2357.1	2355.8	2357.1	2330.9	2295.8	2266.4	2122.1	1924.6	1721.7
42.5°	2619.4	2638.1	2643.5	2636.7	2643.5	2638.1	2619.4	2586.7	2419.9	2208.9	1976.5
40°	2907.7	2930.0	2942.5	2953.8	2942.5	2930.0	2907.7	2864.7	2728.1	2531.5	2312.9
37.5°	3332.8	3340.9	3323.1	3311.7	3323.1	3340.9	3332.8	3305.7	3223.6	2972.5	2795.0
35°	4374.9	4396.2	4346.8	4399.0	4346.8	4396.2	4374.9	4268.0	4141.2	3992.4	3588.0
32.5°	5374.3	5474.3	5555.2	5622.2	5555.2	5474.3	5374.3	5272.2	5186.4	4899.4	4370.6
30°	5940.5	6005.0	6039.7	6048.1	6039.7	6005.0	5940.5	5860.9	5747.0	5380.0	4891.0
27.5°	6356.2	6423.8	6465.9	6496.6	6465.9	6423.8	6356.2	6282.6	6149.6	5775.2	5295.2
25°	6756.8	6818.7	6860.7	6877.1	6860.7	6818.7	6756.8	6682.0	6518.9	6202.4	5729.7
22.5°	7172.5	7215.5	7256.0	7275.8	7256.0	7215.5	7172.5	7085.0	6908.1	6655.6	6154.7
20°	7768.4	7745.1	7781.9	7769.6	7781.9	7745.1	7768.4	7634.6	7448.3	7185.2	6701.5
17.5°	8982.9	8995.5	9020.2	9060.8	9020.2	8995.5	8982.9	8805.4	8577.8	8340.1	7667.3
15°	10510.3	10541.1	10697.3	10836.7	10697.3	10541.1	10510.3	10338.6	9951.0	9608.1	8840.4
12.5°	11172.9	11279.2	11295.7	11335.0	11295.7	11279.2	11172.9	10930.7	10669.8	10232.5	9535.8
10°	11394.0	11578.1	11574.2	11620.4	11574.2	11578.1	11394.0	11183.3	10970.3	10597.2	9867.9
7.5°	11561.7	11759.5	11843.1	11878.7	11843.1	11759.5	11561.7	11419.0	11208.7	10847.2	10101.4
5°	11766.6	11875.3	12019.5	11978.3	12019.5	11875.3	11766.6	11587.4	11321.5	10937.2	10257.3
2.5°	11852.4	12022.7	11983.4	12023.6	11983.4	12022.7	11852.4	11610.7	11366.1	11057.0	10462.1
0°	11910.4	12032.7	12050.8	12091.6	12050.8	12032.7	11910.4	11670.3	11421.1	11122.1	10519.5
-2.5°	11840.1	11947.8	12136.2	12078.0	12136.2	11947.8	11840.1	11619.8	11382.8	11081.0	10539.0
-5°	11778.5	12043.5	11940.6	12068.9	11940.6	12043.5	11778.5	11543.9	11308.2	10982.0	10415.0
-7.5°	11746.7	11794.1	11862.4	11960.2	11862.4	11794.1	11746.7	11479.8	11221.9	10877.9	10303.5
-10°	11500.8	11549.3	11674.7	11742.7	11674.7	11549.3	11500.8	11378.5	11077.9	10712.7	10163.0
-12.5°	11234.1	11328.0	11459.8	11502.6	11459.8	11328.0	11234.1	11098.4	10883.6	10485.3	9938.8
-15°	10926.9	11066.3	11194.8	11221.7	11194.8	11066.3	10926.9	10766.7	10529.3	10205.2	9668.5
-17.5°	10536.3	10703.4	10838.4	10868.4	10838.4	10703.4	10536.3	10356.9	10123.6	9834.1	9396.6
-20°	10105.9	10265.9	10380.8	10415.3	10380.8	10265.9	10105.9	9917.9	9697.6	9419.5	9007.2



REPORT NUMBER: P627790 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9645.1	9789.2	9886.2	9871.7	9886.2	9789.2	9645.1	9458.5	9254.9	9001.5	8558.2
-25°	9155.8	9289.5	9382.0	9368.8	9382.0	9289.5	9155.8	8992.9	8791.0	8521.8	8124.8
-27.5°	8638.5	8765.2	8854.0	8856.9	8854.0	8765.2	8638.5	8481.8	8278.7	8007.4	7668.5
-30°	8095.0	8210.1	8282.2	8254.3	8282.2	8210.1	8095.0	7943.0	7754.4	7490.9	7133.5
-32.5°	7534.4	7638.5	7704.6	7724.3	7704.6	7638.5	7534.4	7402.2	7243.3	7002.0	6620.0
-35°	6981.4	7073.1	7130.3	7144.4	7130.3	7073.1	6981.4	6860.7	6705.9	6514.9	6137.7
-37.5°	6432.0	6511.0	6550.9	6532.8	6550.9	6511.0	6432.0	6321.0	6181.4	6017.2	5691.4
-40°	5889.1	5964.3	6010.0	6020.9	6010.0	5964.3	5889.1	5788.2	5658.6	5498.6	5237.1
-42.5°	5355.3	5417.9	5458.0	5477.2	5458.0	5417.9	5355.3	5268.6	5132.0	4954.4	4744.2
-45°	4837.3	4893.1	4930.8	4951.7	4930.8	4893.1	4837.3	4759.6	4626.6	4455.0	4258.2
-47.5°	4333.2	4382.2	4414.7	4430.7	4414.7	4382.2	4333.2	4265.0	4146.4	3976.8	3782.4
-50°	3851.3	3893.7	3924.0	3941.4	3924.0	3893.7	3851.3	3792.2	3691.2	3526.4	3341.9
-52.5°	3394.2	3431.3	3457.1	3470.3	3457.1	3431.3	3394.2	3342.8	3262.2	3106.2	2936.4
-55°	2957.7	2987.8	3011.7	3026.3	3011.7	2987.8	2957.7	2915.5	2857.6	2713.1	2556.8
-57.5°	2550.7	2575.3	2597.9	2614.0	2597.9	2575.3	2550.7	2514.9	2467.5	2343.7	2206.9
-60°	2169.7	2192.9	2212.2	2224.4	2212.2	2192.9	2169.7	2137.9	2097.6	2004.3	1893.3
-62.5°	1825.9	1846.5	1864.1	1875.6	1864.1	1846.5	1825.9	1797.5	1761.1	1689.2	1599.5
-65°	1496.3	1514.7	1527.9	1535.8	1527.9	1514.7	1496.3	1471.5	1440.0	1388.6	1322.3
-67.5°	1218.5	1239.8	1244.0	1241.3	1244.0	1239.8	1218.5	1192.8	1162.6	1122.9	1073.1
-70°	970.5	988.5	992.7	992.2	992.7	988.5	970.5	949.8	926.5	897.9	860.8
-72.5°	758.9	768.7	760.3	747.5	760.3	768.7	758.9	747.7	735.6	719.4	691.8
-75°	569.5	563.2	554.4	543.6	554.4	563.2	569.5	574.5	578.6	577.5	557.1
-77.5°	417.1	401.6	391.6	380.6	391.6	401.6	417.1	431.2	444.0	452.1	438.1
-80°	290.4	275.3	264.8	253.7	264.8	275.3	290.4	304.6	317.6	328.2	323.5
-82.5°	184.0	171.5	165.2	158.6	165.2	171.5	184.0	195.8	206.8	216.3	213.4
-85°	102.1	94.8	90.5	86.1	90.5	94.8	102.1	109.1	115.6	121.3	118.2
-87.5°	45.1	45.2	43.0	40.8	43.0	45.2	45.1	45.0	44.9	44.7	43.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	25.0	23.8	22.7	21.6	20.4	19.3	18.1	17.0	15.9	14.7	13.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.1	0.1	0.0	0.0	0.4	0.6	0.2	0.0	0.5
67.5°	0.0	0.0	0.8	1.9	2.3	2.3	2.1	2.3	2.7	2.4	2.3
65°	2.8	1.7	1.1	2.2	3.4	4.5	4.7	4.1	4.1	4.7	5.6
62.5°	9.2	9.6	8.3	6.9	6.0	6.6	7.2	7.7	6.7	5.3	7.0
60°	27.3	16.6	24.2	25.9	20.7	17.9	26.8	25.5	13.3	11.4	10.3
57.5°	131.5	110.0	120.7	109.7	75.1	65.5	67.9	64.8	58.6	35.9	15.3
55°	453.0	388.2	305.0	263.4	253.8	194.1	144.7	120.8	109.5	79.0	52.4
52.5°	575.5	535.0	472.0	385.2	338.8	321.4	274.8	219.9	174.7	139.7	100.3
50°	721.5	732.3	667.7	547.5	500.0	448.6	403.3	339.7	282.5	226.5	167.2
47.5°	1177.1	1096.5	1031.6	942.0	771.6	662.9	591.5	487.4	408.9	341.3	268.0
45°	1569.4	1477.1	1413.7	1274.6	1093.7	925.5	813.2	682.7	543.8	453.3	386.8
42.5°	1848.1	1728.6	1624.5	1511.0	1338.1	1148.5	994.4	865.3	719.2	572.5	484.1
40°	2120.7	1931.4	1828.2	1726.6	1563.6	1350.8	1230.9	1041.2	888.7	726.1	605.4
37.5°	2527.4	2205.5	2169.0	2071.2	1886.9	1665.6	1530.6	1343.5	1060.6	907.3	768.5
35°	3214.8	2883.1	2691.6	2595.7	2356.8	2074.7	1852.5	1677.8	1397.2	1095.1	935.2
32.5°	3972.2	3552.5	3261.9	3124.9	2868.5	2485.8	2211.6	1989.4	1707.8	1366.0	1109.5
30°	4399.7	4017.0	3667.1	3433.0	3183.8	2854.8	2540.2	2226.4	1920.7	1637.8	1298.4
27.5°	4797.7	4320.5	3943.2	3679.2	3445.7	3129.4	2781.3	2445.0	2109.0	1829.5	1526.8
25°	5176.9	4648.1	4236.9	3926.8	3655.4	3405.0	3011.5	2644.0	2293.5	1984.7	1747.9
22.5°	5530.1	5039.2	4565.5	4160.0	3930.1	3661.3	3273.3	2828.2	2485.8	2226.0	1947.4
20°	6111.9	5562.3	4962.4	4611.6	4397.8	3982.5	3543.5	3103.4	2788.9	2491.4	2163.6
17.5°	7070.7	6385.0	5667.8	5292.1	4989.3	4480.0	3920.6	3483.9	3091.3	2759.8	2399.1
15°	8120.5	7237.8	6527.2	6041.9	5562.2	4965.6	4318.2	3846.4	3400.3	3027.3	2615.4
12.5°	8639.4	7799.1	7170.4	6486.5	5867.6	5327.1	4714.5	4194.3	3688.0	3202.0	2749.2
10°	8949.0	8114.0	7402.8	6720.2	6099.8	5579.7	5010.7	4394.5	3831.9	3317.6	2860.8
7.5°	9189.8	8329.4	7572.0	6892.5	6263.9	5715.2	5170.6	4524.6	3947.1	3411.1	2950.4
5°	9356.6	8497.3	7729.3	7042.2	6380.5	5812.4	5289.4	4623.1	4032.9	3482.0	3018.4
2.5°	9528.4	8627.7	7827.8	7139.1	6454.9	5874.1	5361.3	4698.3	4102.6	3534.7	3075.1
0°	9595.3	8702.9	7896.4	7189.7	6496.6	5898.6	5382.1	4747.8	4149.8	3565.4	3112.4
-2.5°	9638.4	8727.4	7923.3	7222.5	6551.7	5937.3	5405.6	4803.4	4164.8	3598.6	3122.8
-5°	9573.0	8698.4	7900.7	7195.4	6552.9	5940.3	5389.2	4811.6	4161.1	3607.4	3114.7
-7.5°	9492.7	8621.8	7815.0	7123.1	6505.6	5899.4	5340.5	4775.6	4146.8	3592.9	3099.4
-10°	9357.0	8499.5	7731.6	7047.9	6422.5	5812.1	5269.5	4707.2	4100.4	3551.8	3063.4
-12.5°	9175.9	8345.1	7586.6	6910.5	6310.6	5722.2	5190.8	4612.7	4021.4	3483.3	3006.4
-15°	8936.6	8142.9	7407.1	6748.1	6167.8	5605.4	5074.3	4508.2	3944.4	3398.9	2928.3
-17.5°	8674.7	7876.3	7151.7	6530.7	5980.4	5447.1	4926.0	4398.5	3855.6	3319.7	2857.9
-20°	8377.5	7593.3	6875.5	6273.7	5754.3	5249.1	4767.2	4275.7	3732.4	3228.6	2784.1



REPORT NUMBER: P627790 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7949.7	7257.0	6598.9	6008.9	5512.4	5050.0	4585.9	4110.6	3572.6	3114.5	2683.5
-25°	7526.8	6882.8	6291.2	5749.0	5269.5	4830.3	4378.9	3907.8	3430.3	2980.4	2560.6
-27.5°	7113.0	6516.6	5927.2	5439.6	5009.0	4580.1	4156.0	3710.2	3270.6	2829.7	2445.1
-30°	6666.3	6108.4	5577.0	5119.4	4711.8	4314.9	3933.5	3517.3	3084.7	2666.3	2320.5
-32.5°	6175.7	5686.1	5217.7	4786.8	4405.8	4054.3	3692.3	3297.7	2870.3	2513.7	2176.1
-35°	5699.5	5247.5	4843.3	4463.3	4117.5	3795.7	3445.2	3050.2	2674.9	2340.2	2013.3
-37.5°	5273.3	4833.1	4458.8	4131.4	3842.5	3537.3	3187.9	2837.4	2484.6	2147.1	1861.8
-40°	4832.3	4421.5	4089.1	3823.0	3546.5	3271.8	2964.2	2638.4	2290.2	1960.6	1713.2
-42.5°	4404.8	4073.4	3745.7	3479.3	3231.5	3006.6	2747.1	2418.1	2098.1	1811.7	1574.0
-45°	3986.3	3685.2	3386.0	3143.1	2937.0	2726.1	2494.2	2195.1	1907.7	1661.8	1437.6
-47.5°	3556.2	3302.7	3053.2	2827.4	2643.1	2438.4	2214.4	1961.1	1725.5	1503.9	1305.4
-50°	3143.4	2937.7	2735.8	2540.2	2353.7	2153.8	1953.7	1749.2	1539.0	1345.9	1165.7
-52.5°	2754.5	2584.3	2413.7	2242.5	2079.5	1904.7	1720.1	1538.2	1353.3	1192.0	1031.0
-55°	2388.9	2242.9	2107.6	1970.3	1832.9	1675.2	1508.7	1344.9	1197.3	1049.1	918.0
-57.5°	2065.2	1937.0	1829.4	1717.2	1601.1	1461.5	1319.0	1180.6	1058.2	935.5	814.1
-60°	1779.2	1667.4	1575.1	1477.4	1374.3	1257.6	1144.5	1034.8	929.1	828.9	724.4
-62.5°	1509.0	1418.8	1335.7	1252.9	1169.1	1080.7	984.0	895.6	813.6	729.3	634.7
-65°	1253.5	1182.9	1113.1	1046.2	977.4	906.3	829.3	759.3	692.3	623.9	542.2
-67.5°	1020.4	965.1	908.6	852.7	799.0	742.6	684.1	625.7	571.1	515.3	448.9
-70°	821.4	779.8	735.8	689.1	644.7	600.6	555.3	508.1	458.2	412.6	367.1
-72.5°	663.0	633.1	600.2	562.5	522.5	484.4	447.6	410.8	372.9	333.9	294.2
-75°	535.8	513.9	488.9	457.3	424.9	391.8	360.8	329.2	294.5	256.7	219.8
-77.5°	424.3	410.8	395.4	370.2	344.8	319.1	291.5	256.9	221.7	186.8	156.4
-80°	318.0	311.6	302.5	280.6	258.7	237.0	214.0	183.8	153.8	125.7	103.0
-82.5°	209.9	205.5	199.6	185.1	170.6	156.5	142.0	121.0	101.0	82.0	65.2
-85°	114.7	111.0	106.9	99.9	93.0	86.2	79.2	67.7	56.8	46.7	37.6
-87.5°	41.9	40.5	39.1	37.6	36.1	34.5	32.9	29.5	26.2	23.1	20.0
-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: P627790 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	12.5	11.4	10.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	2.4
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.7	1.4
82.5°	0.0	0.0	0.0	0.1	0.7	1.2	1.3	1.2	0.7	0.1	0.3
80°	0.0	0.0	0.0	0.1	1.1	2.4	3.0	3.1	2.4	1.6	0.9
77.5°	0.0	0.0	0.0	0.0	0.5	1.3	2.6	4.1	4.1	3.1	2.2
75°	0.0	0.0	0.0	0.2	0.3	0.1	1.0	2.4	3.7	4.4	3.5
72.5°	0.0	0.0	0.0	0.6	1.2	1.3	0.7	0.8	2.6	3.8	4.4
70°	0.7	0.2	0.0	0.7	1.8	2.8	2.6	2.1	1.7	3.3	4.3
67.5°	2.1	2.3	1.7	1.3	2.0	3.1	4.2	4.0	3.5	2.9	4.1
65°	5.3	4.9	4.4	3.9	3.4	3.3	4.4	5.6	5.3	4.5	4.1
62.5°	7.9	7.9	7.3	6.6	5.9	5.1	4.7	6.2	6.9	6.1	5.1
60°	10.2	10.7	10.2	9.3	8.4	7.4	6.7	7.1	7.9	7.7	6.5
57.5°	14.1	13.7	13.5	12.3	10.8	9.7	9.1	8.9	9.1	9.0	7.9
55°	24.8	17.3	17.4	16.1	13.9	12.0	11.5	11.0	10.5	10.3	9.2
52.5°	62.9	34.9	22.4	20.7	18.0	14.8	13.8	13.2	12.5	11.8	10.5
50°	116.2	75.2	42.6	26.7	22.8	19.4	16.1	15.3	14.4	13.4	11.8
47.5°	186.0	129.3	84.0	42.1	29.4	24.3	20.2	17.4	16.3	15.1	13.1
45°	286.5	190.6	132.1	83.5	39.1	33.5	24.9	19.5	18.2	16.7	14.3
42.5°	398.6	279.6	185.4	126.1	74.8	46.3	29.8	23.7	20.1	18.4	15.7
40°	508.5	386.4	249.0	173.9	113.0	62.1	42.9	28.3	22.0	20.2	17.2
37.5°	630.2	499.4	348.8	224.8	151.8	94.9	58.8	32.9	25.0	22.1	18.8
35°	780.7	624.8	448.7	299.5	201.0	125.3	76.5	41.9	30.7	24.1	20.4
32.5°	930.9	750.0	556.6	386.4	252.4	153.2	99.5	59.8	37.3	26.2	22.1
30°	1082.2	864.6	658.3	466.8	311.6	198.1	124.3	77.2	45.0	28.3	23.9
27.5°	1218.3	972.7	753.5	550.8	381.0	245.6	150.3	94.0	53.4	32.1	25.6
25°	1372.1	1089.7	847.1	631.2	444.5	295.0	176.9	110.5	65.8	38.6	27.4
22.5°	1570.0	1209.8	933.9	704.0	507.3	342.3	211.1	132.3	79.4	45.5	29.2
20°	1766.8	1327.1	1018.9	795.2	575.7	395.5	250.7	154.0	92.4	52.6	31.0
17.5°	1959.8	1477.5	1142.6	888.4	648.9	445.3	287.6	175.3	104.6	59.9	32.7
15°	2133.0	1649.8	1264.2	976.6	720.5	491.3	321.8	196.0	116.0	67.3	35.0
12.5°	2278.4	1798.3	1378.7	1059.1	789.5	533.4	353.1	215.8	126.6	75.4	38.1
10°	2398.5	1923.9	1484.8	1135.3	854.7	571.2	381.3	235.7	138.9	84.1	41.4
7.5°	2494.4	2027.7	1581.4	1204.5	913.9	606.6	411.5	256.6	150.9	92.3	44.8
5°	2566.6	2108.6	1656.1	1254.1	960.9	639.1	439.4	275.9	162.0	100.0	48.2
2.5°	2613.6	2168.2	1711.4	1293.0	999.2	666.4	464.0	293.1	172.2	107.1	51.4
0°	2641.2	2210.8	1753.3	1322.9	1028.4	688.6	484.8	308.1	181.2	113.3	54.4
-2.5°	2665.9	2238.7	1789.8	1375.0	1048.5	725.0	498.1	321.6	195.5	117.8	59.9
-5°	2674.1	2251.0	1813.7	1415.2	1060.6	754.4	507.4	332.6	208.0	121.4	65.0
-7.5°	2660.3	2243.7	1822.1	1438.0	1066.2	775.2	512.9	341.3	218.3	124.2	69.4
-10°	2629.7	2219.4	1811.0	1431.1	1073.9	781.7	516.0	347.6	225.7	126.3	73.0
-12.5°	2584.2	2182.7	1787.2	1415.9	1072.6	777.6	524.5	352.5	229.6	127.7	75.8
-15°	2524.7	2134.7	1750.8	1393.4	1059.7	768.2	526.7	354.3	229.1	130.4	77.4
-17.5°	2454.6	2076.5	1702.0	1364.8	1034.6	754.2	521.9	352.1	226.8	134.3	79.1
-20°	2384.5	2011.9	1644.1	1331.0	996.7	735.9	509.8	345.7	222.7	136.8	80.7

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REPORT NUMBER: P627790 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2302.3	1937.6	1594.2	1283.9	955.7	713.8	489.9	334.7	216.7	137.9	81.4
-25°	2207.8	1850.9	1534.1	1219.1	923.4	688.9	469.4	319.0	209.0	137.5	81.2
-27.5°	2100.9	1758.4	1463.3	1148.1	889.8	654.1	450.0	307.5	202.5	135.6	79.9
-30°	1981.8	1671.2	1378.7	1079.8	848.8	616.4	424.5	294.7	199.5	133.1	77.7
-32.5°	1853.3	1573.1	1287.7	1027.8	802.1	577.3	402.1	280.1	194.6	129.8	77.8
-35°	1732.8	1466.3	1194.8	967.8	752.6	554.2	387.1	264.0	187.5	125.3	78.3
-37.5°	1603.8	1354.3	1121.3	905.2	700.5	527.6	374.9	256.8	178.4	119.5	78.0
-40°	1479.7	1248.0	1036.2	845.5	661.9	497.7	355.8	248.7	169.7	112.5	76.9
-42.5°	1354.0	1148.1	954.8	780.6	625.5	468.7	331.3	236.4	162.7	108.4	75.2
-45°	1238.3	1045.0	868.1	723.9	585.0	431.7	312.4	220.9	154.0	105.5	73.6
-47.5°	1116.8	939.9	789.0	661.9	532.1	391.4	288.4	208.7	143.6	101.7	72.5
-50°	991.3	840.5	715.0	593.8	467.4	357.8	262.8	194.1	139.9	98.7	70.7
-52.5°	881.5	753.1	639.3	523.8	418.6	318.5	243.4	178.5	135.0	96.2	68.2
-55°	787.0	670.1	564.7	466.4	372.1	289.6	221.4	171.1	128.8	93.0	65.2
-57.5°	703.4	593.1	503.5	415.2	333.2	261.7	205.8	162.2	122.4	88.7	62.4
-60°	622.2	531.6	447.9	369.1	297.0	237.6	193.8	152.1	114.8	83.1	59.3
-62.5°	547.1	467.3	394.5	323.3	264.5	218.1	179.9	140.2	105.7	76.2	55.3
-65°	468.3	400.4	338.8	282.9	235.0	195.2	162.0	126.8	93.8	67.9	50.0
-67.5°	386.4	336.6	288.5	241.9	202.8	169.4	141.5	109.0	79.9	58.2	43.9
-70°	321.8	277.9	237.2	200.7	168.8	141.5	115.6	88.1	64.4	49.9	37.5
-72.5°	256.2	220.4	187.0	157.9	135.2	112.0	88.5	67.4	53.4	41.1	30.6
-75°	189.6	165.4	143.7	123.5	103.0	82.7	67.5	53.6	42.1	32.0	25.8
-77.5°	137.6	120.1	104.1	91.4	77.2	63.8	50.9	39.3	31.8	26.6	21.7
-80°	93.5	84.3	75.5	66.5	55.2	44.4	36.7	30.2	25.7	21.4	17.5
-82.5°	58.9	54.0	49.6	45.1	38.5	32.5	27.3	22.8	19.4	16.1	14.2
-85°	35.0	32.3	29.8	27.3	23.6	20.4	18.8	17.4	15.9	14.4	12.9
-87.5°	19.7	19.4	19.1	18.8	17.9	17.0	16.2	15.5	14.2	12.9	11.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.2	3.4

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CATALOG NUMBER: GFLD-SA6B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.1	8.0	6.8	5.6	4.5	4.5	4.5
87.5°	3.3	3.8	4.1	4.4	4.5	4.5	4.5
85°	2.2	3.0	3.7	4.2	4.5	4.5	4.5
82.5°	1.1	2.3	3.4	4.1	4.5	4.5	4.5
80°	0.2	1.7	3.0	3.9	4.5	4.5	4.5
77.5°	1.4	1.5	2.7	3.8	4.5	4.5	4.5
75°	2.5	2.2	2.5	3.7	4.5	4.5	4.5
72.5°	3.6	2.9	2.9	3.6	4.5	4.5	4.5
70°	4.5	3.6	3.2	3.6	4.5	4.5	4.5
67.5°	4.6	4.2	3.6	3.8	4.5	4.5	4.5
65°	4.8	4.7	3.9	3.9	4.5	4.5	4.5
62.5°	5.1	5.0	4.2	4.0	4.5	4.5	4.5
60°	5.4	5.4	4.5	4.2	4.5	4.5	4.5
57.5°	6.4	5.9	4.9	4.3	4.6	4.5	4.5
55°	7.6	6.3	5.4	4.4	4.6	4.5	4.5
52.5°	8.7	6.9	5.9	4.4	4.7	4.5	4.5
50°	9.9	7.9	6.4	4.5	4.8	4.5	4.5
47.5°	10.9	8.8	6.9	4.6	4.9	4.5	4.5
45°	12.0	9.7	7.5	5.0	5.1	4.5	4.5
42.5°	13.0	10.5	8.1	5.5	5.2	4.5	4.5
40°	14.0	11.4	8.7	6.0	5.4	4.5	4.5
37.5°	15.0	12.2	9.3	6.6	5.6	4.5	4.5
35°	16.0	13.0	10.0	7.2	5.7	4.5	4.5
32.5°	17.0	13.7	10.6	7.8	6.0	4.5	4.5
30°	18.3	14.5	11.2	8.4	6.2	4.5	4.5
27.5°	19.7	15.1	11.9	8.9	6.4	4.5	4.5
25°	21.0	15.8	12.6	9.4	6.7	4.5	4.5
22.5°	22.4	16.5	13.2	10.0	6.9	4.5	4.5
20°	23.7	17.3	13.9	10.5	7.2	4.5	4.5
17.5°	25.0	18.1	14.5	10.9	7.4	4.5	4.5
15°	26.2	18.9	15.1	11.4	7.7	4.5	4.5
12.5°	27.4	19.6	15.7	11.8	7.9	4.5	4.5
10°	28.5	20.3	16.2	12.2	8.2	4.5	4.5
7.5°	29.4	21.0	16.8	12.6	8.4	4.5	4.5
5°	30.3	21.6	17.2	13.0	8.7	4.5	4.5
2.5°	31.0	22.2	17.7	13.3	8.9	4.5	4.5
0°	31.7	22.7	18.1	13.6	9.1	4.5	4.5
-2.5°	33.5	23.2	18.5	13.6	9.1	4.5	4.5
-5°	35.1	23.6	18.8	13.5	9.1	4.5	4.5
-7.5°	36.5	24.0	19.1	13.5	9.0	4.5	4.5
-10°	37.7	24.3	19.3	13.4	9.0	4.5	4.5
-12.5°	38.5	24.6	19.5	13.3	8.9	4.5	4.5
-15°	39.1	24.9	19.6	13.1	8.8	4.5	4.5
-17.5°	39.3	25.1	19.5	13.0	8.7	4.5	4.5
-20°	40.3	25.2	19.4	12.8	8.5	4.5	4.5

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CATALOG NUMBER: GFLD-SA6B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	42.9	25.3	19.2	12.6	8.4	4.5	4.5
-25°	45.0	27.0	18.8	12.3	8.2	4.5	4.5
-27.5°	46.7	29.1	18.4	12.1	8.1	4.5	4.5
-30°	47.8	30.9	17.9	11.8	7.9	4.5	4.5
-32.5°	48.4	32.4	18.6	11.5	7.7	4.5	4.5
-35°	49.7	33.6	19.1	11.1	7.4	4.5	4.5
-37.5°	51.1	34.3	19.4	10.8	7.2	4.5	4.5
-40°	51.9	34.6	19.5	10.4	6.9	4.5	4.5
-42.5°	52.1	34.6	19.6	10.2	6.7	4.5	4.5
-45°	51.9	34.4	19.7	10.3	6.4	4.5	4.5
-47.5°	51.1	33.8	19.6	10.2	6.1	4.5	4.5
-50°	50.0	33.0	19.3	10.1	5.8	4.5	4.5
-52.5°	48.6	32.0	18.7	9.9	5.5	4.5	4.5
-55°	46.9	30.7	17.9	9.6	5.2	4.5	4.5
-57.5°	44.8	29.0	16.9	9.2	4.8	4.5	4.5
-60°	42.3	27.1	15.7	8.8	4.5	4.5	4.5
-62.5°	38.9	24.8	14.8	8.3	4.5	4.5	4.5
-65°	35.1	22.2	13.9	7.8	4.5	4.5	4.5
-67.5°	30.9	20.0	12.8	7.2	4.5	4.5	4.5
-70°	26.3	18.1	11.6	6.5	4.5	4.5	4.5
-72.5°	23.2	16.2	10.4	6.4	4.5	4.5	4.5
-75°	20.2	14.1	9.0	6.3	4.5	4.5	4.5
-77.5°	17.1	11.9	8.5	6.2	4.5	4.5	4.5
-80°	13.8	10.7	8.2	6.2	4.5	4.5	4.5
-82.5°	12.5	10.1	7.9	6.0	4.5	4.5	4.5
-85°	11.4	9.4	7.6	5.9	4.5	4.5	4.5
-87.5°	10.3	8.7	7.2	5.8	4.5	4.5	4.5
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5

(END OF REPORT)