

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: P627572 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627572 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5B-730-U-WR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (80) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

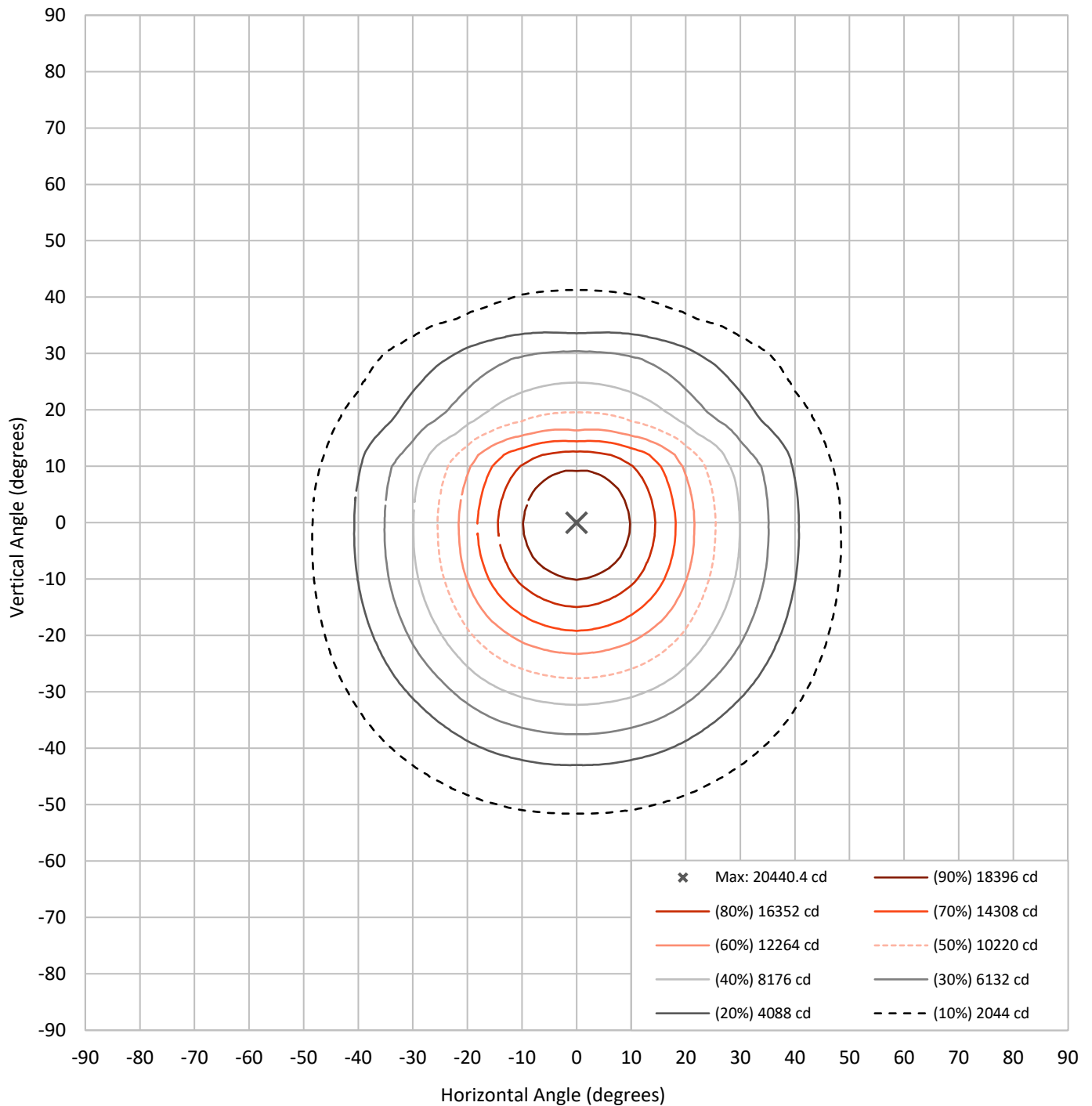
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	18032.9 lumens	Max Intensity:	20440.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	8682 lumens	Field Lumens:	16145.5 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
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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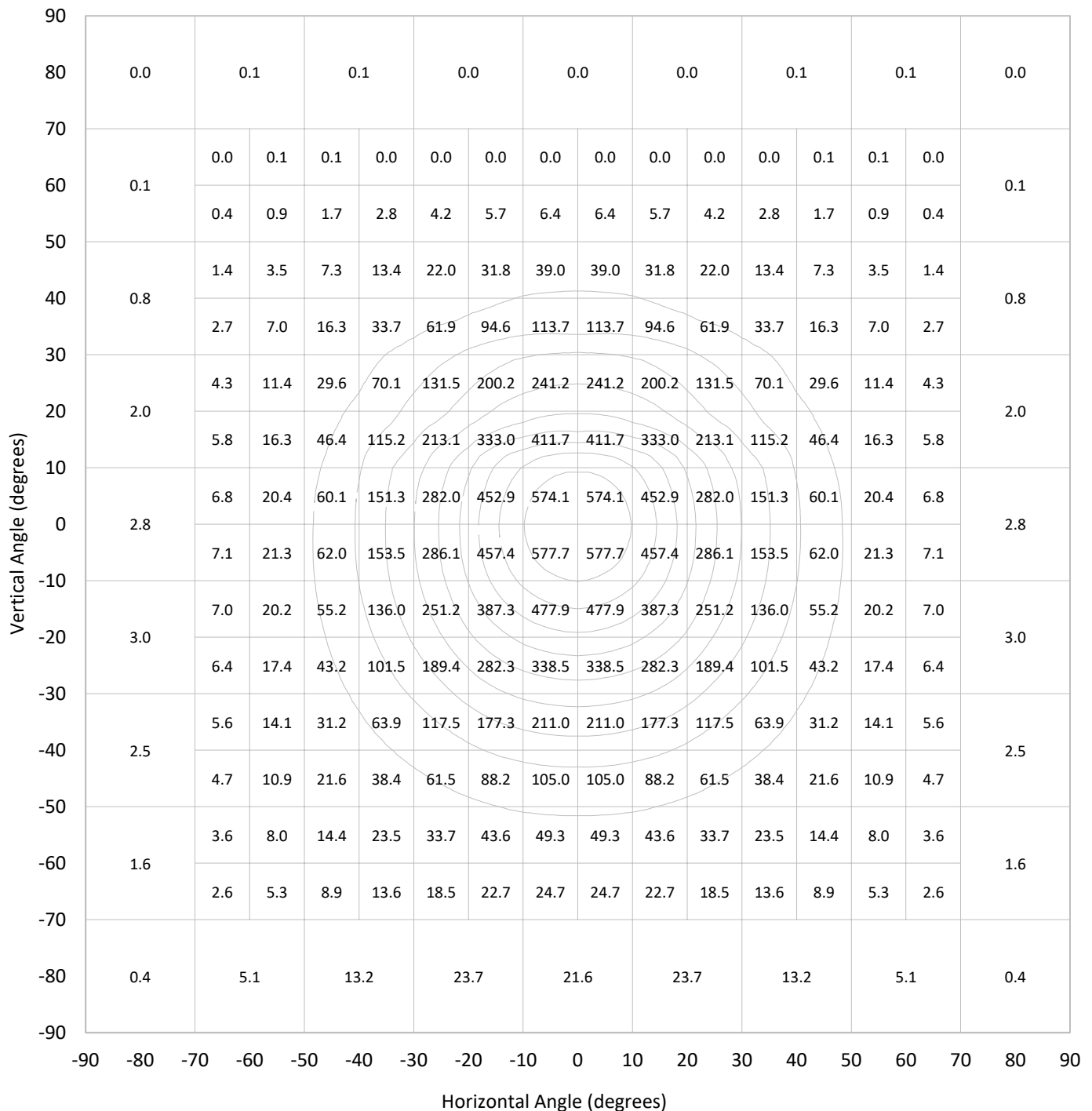
### Iso-Candela Plot





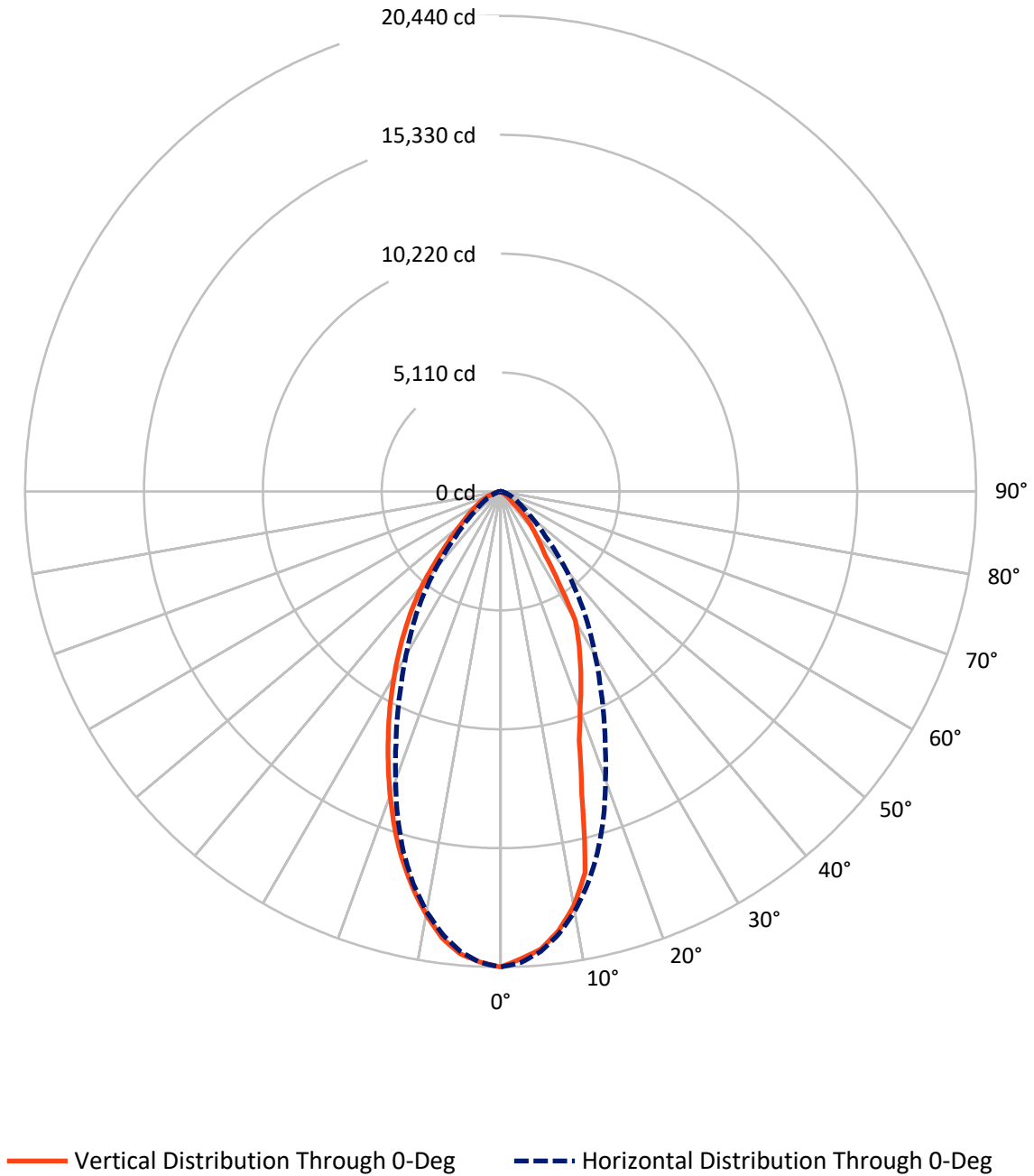
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### Lumen Table



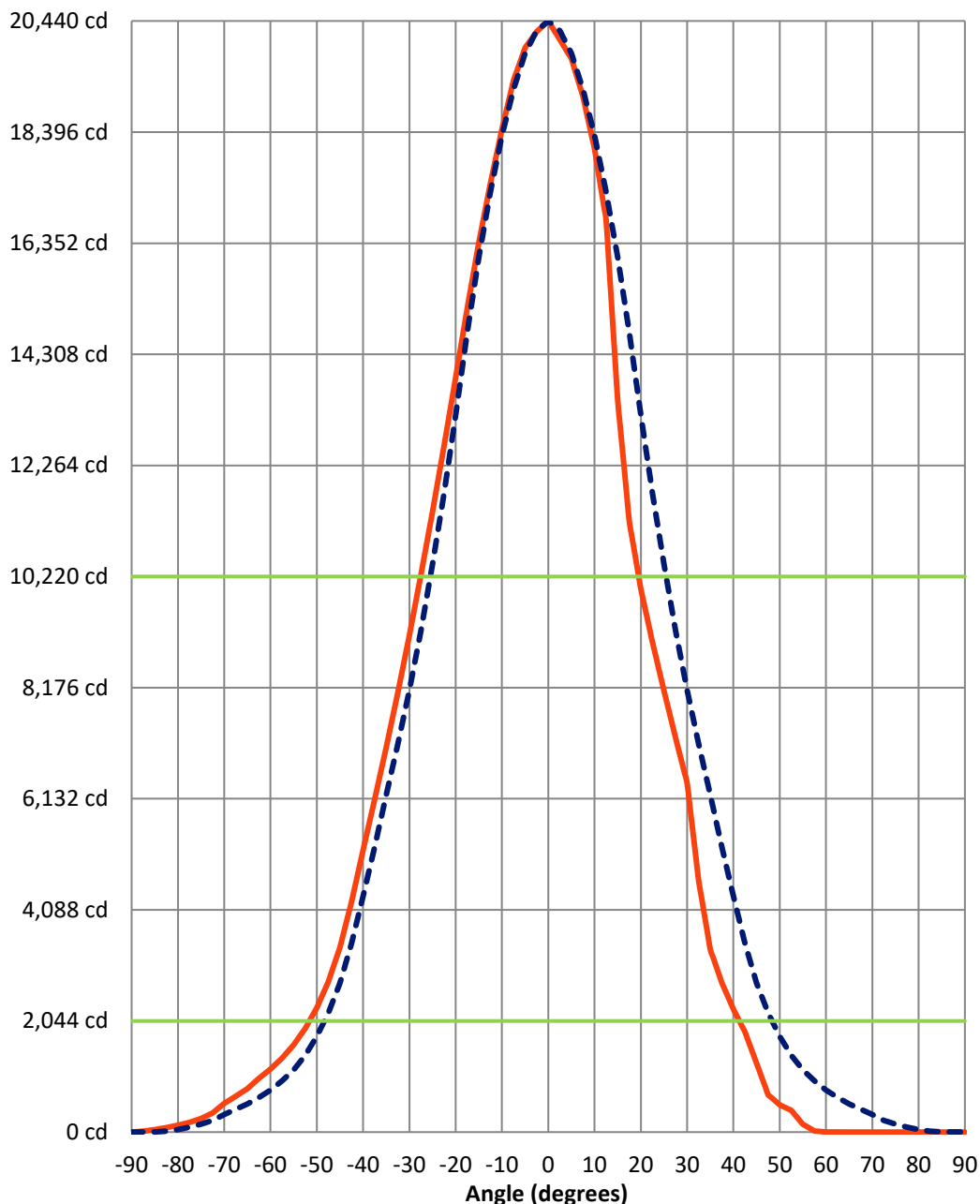
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 8682  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 16145.5  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 1887.3  
 Efficiency: 10.5%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 0-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.5	1.5	1.5
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.5	1.5	1.5	1.5
77.5°	0.0	0.3	0.6	1.0	1.3	1.5	1.5	1.5	1.5	1.5	1.5
75°	0.0	0.4	0.8	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72.5°	0.0	0.5	0.9	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70°	0.0	0.5	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6
67.5°	0.0	0.6	1.1	1.5	1.5	1.5	1.6	1.5	1.5	1.9	1.9
65°	0.0	0.6	1.3	1.5	1.5	1.7	1.8	1.5	2.1	2.4	2.8
62.5°	0.0	0.7	1.4	1.5	1.5	2.0	2.0	2.0	2.8	3.9	6.1
60°	0.0	0.7	1.5	1.5	1.5	2.4	2.3	2.8	3.5	9.7	10.5
57.5°	0.0	0.8	1.5	1.5	1.9	2.8	4.0	3.8	9.5	16.3	17.9
55°	0.0	0.9	1.5	1.5	2.3	3.2	6.1	5.6	17.4	24.5	27.7
52.5°	0.0	0.9	1.6	1.5	2.8	4.0	8.5	13.7	26.0	36.4	39.3
50°	0.0	1.0	1.6	1.5	3.3	6.6	11.2	22.7	36.4	49.6	60.0
47.5°	0.0	1.0	1.6	1.6	3.8	9.3	14.9	31.8	50.0	64.1	81.4
45°	0.0	1.1	1.7	2.0	4.3	12.1	22.8	40.9	63.6	83.0	102.6
42.5°	0.0	1.1	1.7	2.4	4.8	15.2	30.6	51.7	77.2	101.8	126.0
40°	0.0	1.1	1.8	2.9	6.3	18.4	38.4	63.5	91.4	120.1	150.5
37.5°	0.0	1.2	1.8	3.5	8.8	21.7	46.2	75.1	106.7	138.9	175.6
35°	0.0	1.2	1.9	4.2	11.4	27.0	53.9	86.6	122.1	161.3	202.8
32.5°	0.0	1.3	1.9	4.9	13.9	33.1	62.0	97.9	137.6	184.3	233.4
30°	0.0	1.3	2.0	5.7	16.5	39.0	71.2	109.4	152.9	207.8	264.3
27.5°	0.0	1.3	2.1	6.5	19.5	44.8	80.1	122.0	169.9	231.8	295.2
25°	0.0	1.4	2.2	7.4	22.4	50.3	88.6	134.2	189.3	257.2	326.2
22.5°	0.0	1.4	2.2	8.3	25.3	55.7	96.8	146.2	208.6	282.9	357.7
20°	0.0	1.4	2.3	9.2	28.1	61.0	104.6	157.8	227.6	308.1	387.6
17.5°	0.0	1.4	2.4	10.2	30.7	65.9	111.8	168.8	246.1	332.6	416.0
15°	0.0	1.4	2.5	11.1	33.3	70.5	118.4	178.7	263.9	356.1	442.7
12.5°	0.0	1.5	2.5	12.0	35.7	74.8	124.5	186.9	278.7	378.6	467.8
10°	0.0	1.5	2.6	12.9	38.0	78.7	130.0	194.3	290.5	392.0	487.5
7.5°	0.0	1.5	2.7	13.8	40.1	82.3	134.9	200.7	300.9	402.1	497.8
5°	0.0	1.5	2.8	14.6	42.0	85.4	139.3	206.3	309.8	410.2	506.1
2.5°	0.0	1.5	2.8	15.4	43.8	88.2	142.9	210.9	317.1	416.3	512.5
0°	0.0	1.5	2.9	16.1	45.3	90.5	146.0	214.6	322.7	420.5	516.9
-2.5°	0.0	1.6	3.3	17.1	47.4	93.4	150.0	220.8	329.0	426.6	523.7
-5°	0.0	1.7	3.8	18.0	49.2	95.8	153.3	226.0	333.6	430.9	528.6
-7.5°	0.0	1.8	4.2	18.9	50.7	97.7	155.9	230.0	336.5	433.7	531.4
-10°	0.0	1.8	4.6	19.6	52.0	99.2	157.7	232.9	337.8	434.7	532.3
-12.5°	0.0	1.9	5.0	20.2	53.0	100.1	158.8	234.6	337.4	434.1	529.8
-15°	0.0	2.0	5.3	20.8	53.6	100.6	159.2	234.9	334.9	430.3	524.7
-17.5°	0.0	2.0	5.7	21.1	53.9	100.6	158.7	234.5	330.6	425.1	517.6
-20°	0.0	2.1	6.0	21.4	53.8	100.0	158.3	233.4	325.2	418.7	508.5

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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	2.1	6.3	21.5	53.4	98.9	158.3	231.3	318.8	411.1	497.5
-25°	0.0	2.2	6.5	21.5	52.6	98.5	157.6	228.2	311.5	402.4	484.5
-27.5°	0.0	2.2	6.7	21.4	51.3	98.1	156.1	224.1	303.3	392.2	472.5
-30°	0.0	2.2	6.8	21.1	49.9	97.1	153.8	219.1	296.2	380.8	459.7
-32.5°	0.0	2.2	7.0	20.6	49.2	95.4	150.8	215.0	289.1	368.9	445.9
-35°	0.0	2.2	7.0	20.0	48.2	93.1	147.8	210.6	281.1	356.6	431.3
-37.5°	0.0	2.2	7.1	19.2	46.7	90.6	144.4	205.1	272.2	344.0	414.0
-40°	0.0	2.2	7.0	18.3	44.9	88.4	140.3	198.8	262.3	332.2	395.7
-42.5°	0.0	2.2	7.0	17.5	43.5	85.6	135.3	191.6	253.2	316.9	376.1
-45°	0.0	2.1	6.8	16.8	42.7	82.3	129.5	184.0	243.9	300.6	355.7
-47.5°	0.0	2.1	6.7	15.9	41.4	78.4	123.0	176.3	233.4	283.6	336.9
-50°	0.0	2.0	6.5	15.6	39.7	73.9	117.3	167.6	219.7	268.2	317.5
-52.5°	0.0	2.0	6.2	15.4	37.5	69.0	111.1	157.9	206.0	252.1	297.8
-55°	0.0	1.9	5.9	15.0	34.9	64.9	104.3	147.7	191.9	235.3	279.2
-57.5°	0.0	1.8	5.6	14.4	31.9	60.5	96.8	138.5	177.2	218.3	260.0
-60°	0.0	1.7	5.2	13.6	28.6	55.5	88.7	127.5	162.0	200.8	240.1
-62.5°	0.0	1.6	4.9	12.6	26.6	49.9	81.0	115.2	147.0	182.5	219.7
-65°	0.0	1.5	4.6	11.5	24.3	43.8	72.4	102.4	131.0	163.3	198.4
-67.5°	0.0	1.3	4.2	10.2	21.7	38.3	63.2	89.5	114.1	142.9	174.9
-70°	0.0	1.2	3.8	8.8	18.9	33.6	53.3	76.1	98.1	121.6	149.5
-72.5°	0.0	1.1	3.4	7.8	15.9	28.5	45.3	62.3	81.7	102.3	124.0
-75°	0.0	0.9	2.9	6.8	12.6	23.1	37.2	50.8	64.8	82.5	101.2
-77.5°	0.0	0.8	2.5	5.7	10.4	17.4	28.7	39.9	51.5	63.6	77.8
-80°	0.0	0.6	2.0	4.7	8.4	13.3	19.8	28.8	38.3	48.2	58.6
-82.5°	0.0	0.5	1.5	3.5	6.4	10.1	14.6	19.3	24.9	32.6	40.6
-85°	0.0	0.3	1.0	2.4	4.3	6.8	9.8	12.9	16.4	20.3	24.6
-87.5°	0.0	0.2	0.5	1.2	2.2	3.4	4.9	6.5	8.2	10.2	12.3
-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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 CATALOG NUMBER: GFLD-SA5B-730-U-WR-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°	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
85°	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2
67.5°	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.2	0.8
65°	1.5	1.5	2.0	2.2	1.6	1.5	1.5	1.5	1.6	1.4	1.4
62.5°	2.2	2.7	3.3	5.1	3.8	1.5	2.9	3.4	2.3	1.8	2.0
60°	6.4	4.4	11.2	15.6	10.2	5.4	6.6	13.2	10.9	3.0	7.7
57.5°	12.9	15.9	28.3	29.7	22.8	15.4	33.8	37.4	31.1	19.5	28.1
55°	26.8	37.8	47.7	47.2	47.4	59.6	70.1	68.8	60.7	83.7	105.4
52.5°	50.8	62.2	68.8	74.9	91.9	103.3	106.5	113.0	136.8	165.3	170.4
50°	74.6	86.3	95.0	117.2	134.6	143.6	151.9	173.7	209.7	229.2	232.4
47.5°	98.7	111.7	134.6	158.9	175.8	189.3	203.7	253.3	293.4	310.1	316.1
45°	123.8	146.3	174.9	199.9	219.5	237.7	284.7	352.3	380.6	406.1	471.0
42.5°	149.9	183.7	216.0	242.2	264.2	302.5	367.8	433.4	473.8	528.1	606.5
40°	183.1	221.1	258.5	285.1	312.6	370.6	451.6	520.9	563.7	636.5	725.8
37.5°	216.9	261.3	301.7	329.7	368.4	446.9	542.0	625.0	678.1	737.4	880.9
35°	250.2	302.3	343.7	381.3	429.1	537.4	654.5	747.0	812.6	914.0	1095.7
32.5°	285.8	344.0	386.4	437.5	516.1	637.2	781.1	883.7	992.5	1138.5	1429.5
30°	323.7	383.1	431.8	493.3	598.7	739.9	906.9	1035.8	1183.6	1420.7	1734.4
27.5°	361.5	422.0	482.0	560.3	676.0	828.6	1003.0	1206.3	1397.2	1662.4	2005.3
25°	397.8	461.7	531.2	625.8	750.9	910.7	1101.1	1335.6	1584.8	1888.1	2290.7
22.5°	432.5	502.0	583.4	685.1	814.2	988.6	1215.7	1491.2	1790.6	2104.8	2567.5
20°	466.5	547.0	640.4	754.2	872.4	1060.5	1327.8	1661.4	2036.6	2467.0	2920.5
17.5°	500.1	591.5	699.2	825.7	969.0	1161.5	1442.8	1839.8	2296.5	2856.7	3415.0
15°	533.0	635.0	756.2	896.4	1066.4	1296.5	1616.0	2052.4	2604.1	3275.0	3936.3
12.5°	564.9	677.3	810.8	965.4	1160.9	1423.6	1779.2	2250.0	2882.2	3683.7	4496.1
10°	595.4	717.8	862.7	1032.0	1251.4	1541.9	1923.5	2421.0	3092.0	3918.0	4821.6
7.5°	611.0	745.3	906.9	1095.4	1336.8	1650.5	2049.1	2565.5	3255.9	4106.5	5012.4
5°	622.1	757.8	923.6	1120.7	1383.7	1724.3	2145.2	2683.6	3376.7	4248.2	5141.7
2.5°	630.7	766.9	935.7	1135.0	1402.3	1748.9	2176.9	2724.8	3441.5	4322.2	5217.0
0°	636.6	772.4	943.2	1143.2	1411.8	1760.8	2191.5	2741.9	3469.0	4339.2	5244.4
-2.5°	642.9	779.9	951.0	1155.9	1425.2	1777.0	2207.6	2754.0	3489.6	4343.9	5259.2
-5°	646.4	784.0	954.1	1162.1	1429.6	1780.0	2206.5	2742.5	3473.2	4309.9	5227.1
-7.5°	647.4	784.4	952.4	1160.9	1424.1	1766.2	2183.1	2708.3	3416.6	4240.9	5148.1
-10°	645.8	781.0	946.1	1150.3	1408.0	1737.6	2141.4	2649.0	3323.5	4127.0	5014.8
-12.5°	641.1	773.7	934.9	1133.1	1382.2	1696.8	2082.7	2564.4	3194.3	3968.6	4826.8
-15°	633.5	762.8	918.6	1109.3	1346.6	1644.3	2007.2	2454.7	3027.8	3767.3	4592.6
-17.5°	623.1	748.3	897.3	1079.0	1301.1	1580.6	1915.9	2326.2	2848.4	3542.7	4332.4
-20°	609.8	730.4	871.0	1042.1	1248.6	1513.4	1831.2	2212.4	2680.5	3285.4	4025.3

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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°	593.6	708.9	843.1	1006.8	1202.1	1443.7	1736.4	2083.4	2492.1	2988.0	3690.0
-25°	577.0	688.4	816.0	967.5	1148.9	1364.7	1628.0	1944.2	2314.3	2768.2	3348.5
-27.5°	560.6	664.8	784.7	922.2	1089.4	1283.2	1526.1	1814.4	2144.2	2530.2	3002.8
-30°	542.1	638.5	750.1	874.7	1032.3	1212.3	1422.2	1669.1	1962.4	2311.3	2722.0
-32.5°	521.9	610.2	716.7	833.6	971.1	1135.0	1316.5	1539.9	1795.1	2082.8	2437.9
-35°	501.8	586.0	682.5	789.4	905.4	1058.9	1225.7	1411.0	1628.1	1882.9	2166.9
-37.5°	482.6	559.7	645.7	745.4	854.3	981.7	1129.1	1296.4	1483.2	1686.0	1931.3
-40°	461.1	531.2	612.6	703.0	799.2	909.7	1042.6	1184.5	1345.4	1523.8	1713.2
-42.5°	437.7	505.1	579.4	657.2	745.5	844.2	954.5	1084.3	1217.9	1367.4	1532.8
-45°	414.7	476.7	544.6	615.7	690.0	777.2	877.3	985.4	1103.8	1225.8	1364.7
-47.5°	390.6	447.2	510.4	572.3	638.2	712.5	797.5	895.5	994.4	1102.9	1210.7
-50°	366.4	419.5	472.7	530.5	589.5	651.3	723.1	807.7	897.7	987.8	1082.5
-52.5°	344.8	390.7	438.7	488.4	542.1	597.2	657.0	726.7	805.3	884.7	966.4
-55°	322.7	365.0	404.7	449.1	495.6	545.2	598.5	657.2	716.5	788.9	859.2
-57.5°	301.1	338.7	373.2	411.0	452.4	494.5	542.6	592.4	646.3	701.0	758.5
-60°	279.5	311.4	342.7	375.4	410.1	447.6	486.2	530.1	576.3	623.7	673.6
-62.5°	257.1	282.9	310.5	340.5	371.0	399.9	432.3	468.1	506.2	547.0	589.2
-65°	232.0	253.5	276.5	302.6	331.2	354.5	379.3	406.2	437.8	471.3	504.5
-67.5°	205.3	224.3	243.0	262.4	285.6	306.4	326.9	348.3	371.8	399.3	425.9
-70°	175.5	194.4	211.0	227.0	241.8	256.6	274.0	290.9	309.9	334.5	358.7
-72.5°	145.2	162.9	178.6	192.2	202.6	211.5	222.1	234.4	252.6	275.4	296.8
-75°	117.4	131.7	146.4	159.5	166.2	168.9	171.1	177.5	195.9	219.4	240.1
-77.5°	91.4	103.9	115.9	127.3	132.0	133.9	134.8	134.7	148.3	168.3	189.3
-80°	67.3	76.0	86.2	95.9	98.8	99.7	99.8	99.2	110.3	124.7	140.0
-82.5°	46.8	53.1	59.5	66.2	67.0	66.6	65.6	64.7	73.6	84.0	94.6
-85°	27.3	29.9	33.9	37.9	38.4	38.2	37.5	36.3	41.3	46.9	52.9
-87.5°	13.7	15.0	16.3	17.6	17.1	16.4	15.5	14.4	15.8	17.3	18.8
-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: P627572 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-U-WR-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°	1.2	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.5	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.5	1.2	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.5	1.2	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.5	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.5	1.3	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	0.8	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.5	1.5	1.1	0.7	0.3	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	1.9	1.9	1.3	1.3	1.4	1.5	1.2	1.1	1.0	1.1	1.2
60°	8.3	4.7	4.8	6.2	5.3	2.4	4.8	6.1	5.6	4.3	3.7
57.5°	41.9	35.1	24.5	41.1	42.3	29.5	32.0	41.7	40.5	31.3	31.2
55°	105.6	107.1	115.0	125.4	133.1	136.6	139.8	155.5	172.3	188.7	196.9
52.5°	174.4	194.8	220.2	237.0	248.7	272.8	306.4	321.9	336.9	354.0	366.3
50°	256.9	292.3	317.8	321.5	361.5	387.5	393.6	422.6	454.2	473.8	488.0
47.5°	382.1	427.0	449.2	463.3	512.0	565.4	565.5	582.2	661.2	702.6	722.5
45°	550.4	587.8	627.1	729.1	822.8	852.6	916.3	1002.5	1058.6	1135.8	1220.6
42.5°	693.7	763.9	862.3	974.6	1068.6	1146.8	1241.4	1345.1	1469.7	1586.9	1687.9
40°	835.5	922.4	1044.2	1166.4	1284.8	1393.2	1545.7	1679.1	1826.1	1987.2	2121.5
37.5°	1020.5	1131.8	1257.7	1411.7	1596.0	1716.4	1926.2	2117.8	2283.3	2477.9	2597.8
35°	1304.7	1449.8	1561.2	1872.6	2096.7	2237.6	2485.9	2800.9	2921.8	3166.9	3283.2
32.5°	1662.1	1854.7	2148.1	2560.5	2859.8	3119.0	3490.2	3809.8	4082.2	4328.3	4584.4
30°	2063.6	2361.0	2793.3	3341.2	3645.2	4008.3	4510.3	4889.3	5316.5	5785.4	5949.6
27.5°	2427.9	2873.3	3375.3	3819.1	4255.8	4708.0	5201.3	5688.0	6150.4	6540.6	6802.4
25°	2765.6	3305.0	3792.9	4267.2	4740.3	5249.6	5807.5	6359.5	6868.3	7269.8	7575.1
22.5°	3113.9	3683.8	4205.7	4686.9	5237.3	5814.4	6407.7	7040.9	7620.0	8036.5	8369.1
20°	3441.4	4075.2	4670.5	5218.5	5738.7	6404.9	7088.1	7759.8	8390.4	8886.6	9270.0
17.5°	3961.2	4511.4	5238.9	5950.8	6536.9	7148.9	8061.9	8755.1	9454.9	10049.1	10455.5
15°	4599.6	5204.5	5955.8	6933.5	7736.6	8437.7	9380.9	10508.7	11334.0	12092.6	12613.0
12.5°	5238.4	5922.7	6735.3	7835.6	8978.9	9804.8	10949.0	12378.2	13339.5	14513.9	15093.0
10°	5728.1	6587.4	7424.3	8428.3	9526.3	10702.4	11935.9	13273.0	14557.4	15565.9	16467.4
7.5°	5925.3	6840.6	7809.3	8833.7	9931.7	11145.5	12460.2	13851.4	15173.4	16299.8	17290.5
5°	6072.6	7010.5	7985.6	9033.1	10206.8	11474.4	12808.6	14269.2	15619.3	16826.6	17840.2
2.5°	6166.2	7113.0	8083.8	9148.8	10383.3	11688.4	13065.5	14564.9	15935.3	17178.1	18188.4
0°	6202.2	7135.2	8129.4	9225.9	10448.0	11756.2	13192.8	14709.8	16091.0	17292.6	18332.1
-2.5°	6207.1	7114.5	8132.4	9223.5	10392.9	11713.3	13167.3	14671.6	16024.7	17221.5	18270.3
-5°	6158.4	7065.4	8084.2	9158.9	10329.8	11640.3	13031.8	14485.6	15776.1	16940.8	17950.6
-7.5°	6059.6	6964.1	7960.4	9010.4	10149.8	11420.9	12757.5	14109.0	15375.0	16492.1	17455.7
-10°	5913.0	6798.5	7760.4	8783.4	9861.5	11070.6	12345.0	13636.3	14823.5	15856.6	16747.7
-12.5°	5714.6	6579.6	7498.1	8474.8	9478.3	10631.1	11834.4	13047.0	14129.2	15072.2	15871.8
-15°	5456.9	6301.7	7191.1	8114.7	9087.9	10130.3	11210.3	12322.5	13320.6	14156.9	14887.4
-17.5°	5153.2	5972.6	6817.2	7673.5	8596.8	9574.9	10577.4	11575.8	12427.0	13170.0	13837.9
-20°	4814.7	5604.2	6406.5	7204.7	8042.4	8946.9	9872.9	10749.9	11493.7	12168.9	12780.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627572 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4435.2	5190.9	5959.8	6706.8	7462.3	8281.3	9108.2	9901.3	10597.1	11174.6	11705.7
-25°	4028.9	4727.1	5453.3	6153.7	6849.0	7583.0	8334.0	9063.7	9676.1	10177.5	10616.4
-27.5°	3619.5	4257.6	4897.3	5556.7	6199.4	6876.7	7556.7	8186.9	8736.7	9198.4	9567.2
-30°	3189.2	3759.6	4343.9	4940.5	5554.2	6174.0	6788.4	7340.2	7820.1	8226.2	8544.9
-32.5°	2831.6	3264.9	3780.7	4322.3	4897.6	5462.3	5996.8	6499.8	6952.0	7306.5	7576.8
-35°	2488.8	2855.8	3242.1	3721.5	4215.7	4735.4	5227.0	5675.9	6079.0	6388.8	6643.1
-37.5°	2194.2	2484.4	2811.1	3153.3	3567.7	3997.3	4441.0	4863.2	5222.7	5492.9	5720.0
-40°	1939.1	2168.2	2429.3	2700.6	3005.5	3314.1	3700.5	4056.8	4350.2	4602.8	4808.6
-42.5°	1708.5	1901.9	2094.7	2317.2	2547.2	2795.3	3066.5	3330.0	3555.2	3766.6	3941.4
-45°	1509.5	1664.0	1817.6	1989.5	2158.4	2360.2	2553.8	2726.7	2909.1	3067.4	3192.0
-47.5°	1335.5	1455.9	1587.6	1716.3	1851.8	2003.8	2148.0	2279.5	2413.1	2528.9	2621.8
-50°	1180.8	1280.6	1388.1	1489.2	1598.9	1710.0	1816.6	1921.2	2022.8	2110.9	2179.4
-52.5°	1045.4	1132.6	1216.4	1296.9	1384.1	1466.4	1543.6	1629.9	1709.3	1778.7	1825.6
-55°	930.1	1001.4	1070.0	1137.2	1203.2	1265.5	1327.0	1394.1	1455.4	1510.5	1545.5
-57.5°	821.9	882.5	940.6	995.5	1047.9	1097.4	1149.2	1200.8	1248.0	1289.6	1316.6
-60°	723.4	772.9	823.2	868.0	910.2	949.8	993.5	1034.7	1072.8	1104.8	1123.5
-62.5°	633.1	677.6	714.7	750.1	786.1	821.7	852.7	883.2	912.6	937.4	953.7
-65°	538.9	576.5	608.1	636.5	662.2	689.9	716.3	740.2	761.5	777.6	787.9
-67.5°	454.4	482.2	507.5	530.1	553.0	575.2	595.5	613.6	629.6	640.8	648.2
-70°	381.1	402.3	423.0	443.6	464.0	481.2	496.0	509.5	521.8	526.9	529.2
-72.5°	316.7	335.4	353.6	371.8	388.8	402.3	413.1	423.1	432.0	424.3	410.8
-75°	258.3	274.8	291.8	307.8	322.8	333.1	341.2	348.6	355.3	338.6	315.6
-77.5°	210.5	225.0	237.6	250.1	262.4	269.0	274.1	279.1	283.9	265.3	241.7
-80°	156.1	167.9	178.5	189.0	199.3	203.3	205.5	207.1	207.9	192.0	173.5
-82.5°	105.5	111.5	117.4	123.5	129.8	133.1	135.6	137.5	138.9	127.5	114.8
-85°	59.1	60.9	62.4	63.6	64.7	66.7	68.7	70.5	72.1	66.7	60.8
-87.5°	20.3	20.3	20.2	20.1	19.9	19.9	19.9	19.8	19.7	18.9	18.0
-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: P627572 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-730-U-WR-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	0.0
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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.3	1.4	1.5	1.5	1.5	1.4	1.3	1.2	1.1	1.0	1.1
60°	2.9	1.8	1.5	1.5	1.5	1.8	2.9	3.7	4.3	5.6	6.1
57.5°	29.1	25.3	22.7	20.4	22.7	25.3	29.1	31.2	31.3	40.5	41.7
55°	193.4	180.1	163.7	144.5	163.7	180.1	193.4	196.9	188.7	172.3	155.5
52.5°	379.3	391.9	399.2	398.6	399.2	391.9	379.3	366.3	354.0	336.9	321.9
50°	499.3	506.2	506.5	500.8	506.5	506.2	499.3	488.0	473.8	454.2	422.6
47.5°	731.5	721.9	705.4	687.7	705.4	721.9	731.5	722.5	702.6	661.2	582.2
45°	1276.4	1307.2	1305.2	1265.8	1305.2	1307.2	1276.4	1220.6	1135.8	1058.6	1002.5
42.5°	1744.4	1790.5	1823.1	1839.6	1823.1	1790.5	1744.4	1687.9	1586.9	1469.7	1345.1
40°	2197.1	2241.7	2261.2	2260.1	2261.2	2241.7	2197.1	2121.5	1987.2	1826.1	1679.1
37.5°	2675.6	2733.2	2761.1	2747.8	2761.1	2733.2	2675.6	2597.8	2477.9	2283.3	2117.8
35°	3333.5	3387.4	3388.4	3361.0	3388.4	3387.4	3333.5	3283.2	3166.9	2921.8	2800.9
32.5°	4787.6	4805.6	4667.2	4618.1	4667.2	4805.6	4787.6	4584.4	4328.3	4082.2	3809.8
30°	6113.1	6240.9	6359.7	6419.7	6359.7	6240.9	6113.1	5949.6	5785.4	5316.5	4889.3
27.5°	6999.8	7153.5	7248.8	7254.9	7248.8	7153.5	6999.8	6802.4	6540.6	6150.4	5688.0
25°	7806.3	7978.3	8082.2	8117.8	8082.2	7978.3	7806.3	7575.1	7269.8	6868.3	6359.5
22.5°	8651.3	8854.0	8988.3	9015.7	8988.3	8854.0	8651.3	8369.1	8036.5	7620.0	7040.9
20°	9631.7	9867.5	9996.2	9991.0	9996.2	9867.5	9631.7	9270.0	8886.6	8390.4	7759.8
17.5°	10922.4	11175.3	11286.4	11237.8	11286.4	11175.3	10922.4	10455.5	10049.1	9454.9	8755.1
15°	13147.2	13676.2	13674.1	13462.9	13674.1	13676.2	13147.2	12613.0	12092.6	11334.0	10508.7
12.5°	15891.4	16285.7	16690.2	16777.2	16690.2	16285.7	15891.4	15093.0	14513.9	13339.5	12378.2
10°	17226.7	17750.3	18095.9	18086.8	18095.9	17750.3	17226.7	16467.4	15565.9	14557.4	13273.0
7.5°	18062.2	18640.6	19059.5	19050.5	19059.5	18640.6	18062.2	17290.5	16299.8	15173.4	13851.4
5°	18706.8	19348.5	19719.4	19746.9	19719.4	19348.5	18706.8	17840.2	16826.6	15619.3	14269.2
2.5°	19041.8	19711.5	20157.5	20098.8	20157.5	19711.5	19041.8	18188.4	17178.1	15935.3	14564.9
0°	19181.9	19844.7	20260.8	20440.4	20260.8	19844.7	19181.9	18332.1	17292.6	16091.0	14709.8
-2.5°	19120.7	19765.7	20225.5	20243.3	20225.5	19765.7	19120.7	18270.3	17221.5	16024.7	14671.6
-5°	18793.1	19473.7	19781.8	19945.5	19781.8	19473.7	18793.1	17950.6	16940.8	15776.1	14485.6
-7.5°	18264.8	18774.8	19166.2	19346.8	19166.2	18774.8	18264.8	17455.7	16492.1	15375.0	14109.0
-10°	17442.5	17970.5	18301.3	18450.4	18301.3	17970.5	17442.5	16747.7	15856.6	14823.5	13636.3
-12.5°	16531.6	17011.5	17325.9	17451.7	17325.9	17011.5	16531.6	15871.8	15072.2	14129.2	13047.0
-15°	15515.3	15950.9	16240.4	16361.1	16240.4	15950.9	15515.3	14887.4	14156.9	13320.6	12322.5
-17.5°	14396.5	14778.3	15066.7	15153.6	15066.7	14778.3	14396.5	13837.9	13170.0	12427.0	11575.8
-20°	13246.1	13591.3	13828.8	13880.5	13828.8	13591.3	13246.1	12780.0	12168.9	11493.7	10749.9



REPORT NUMBER: P627572 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12087.0	12371.3	12564.3	12629.3	12564.3	12371.3	12087.0	11705.7	11174.6	10597.1	9901.3
-25°	10954.2	11199.7	11354.9	11413.0	11354.9	11199.7	10954.2	10616.4	10177.5	9676.1	9063.7
-27.5°	9864.8	10093.5	10236.1	10255.2	10236.1	10093.5	9864.8	9567.2	9198.4	8736.7	8186.9
-30°	8792.8	8981.8	9091.7	9138.3	9091.7	8981.8	8792.8	8544.9	8226.2	7820.1	7340.2
-32.5°	7791.0	7956.1	8054.9	8081.3	8054.9	7956.1	7791.0	7576.8	7306.5	6952.0	6499.8
-35°	6845.3	6997.7	7085.3	7078.2	7085.3	6997.7	6845.3	6643.1	6388.8	6079.0	5675.9
-37.5°	5907.8	6048.4	6127.9	6120.4	6127.9	6048.4	5907.8	5720.0	5492.9	5222.7	4863.2
-40°	4977.8	5099.1	5169.1	5186.0	5169.1	5099.1	4977.8	4808.6	4602.8	4350.2	4056.8
-42.5°	4086.7	4198.7	4254.7	4232.6	4254.7	4198.7	4086.7	3941.4	3766.6	3555.2	3330.0
-45°	3279.1	3337.1	3375.2	3398.9	3375.2	3337.1	3279.1	3192.0	3067.4	2909.1	2726.7
-47.5°	2689.7	2737.7	2763.7	2768.2	2763.7	2737.7	2689.7	2621.8	2528.9	2413.1	2279.5
-50°	2232.7	2273.5	2291.6	2286.4	2291.6	2273.5	2232.7	2179.4	2110.9	2022.8	1921.2
-52.5°	1859.4	1883.0	1899.0	1906.8	1899.0	1883.0	1859.4	1825.6	1778.7	1709.3	1629.9
-55°	1571.7	1590.2	1601.0	1604.6	1601.0	1590.2	1571.7	1545.5	1510.5	1455.4	1394.1
-57.5°	1339.1	1356.7	1363.0	1360.7	1363.0	1356.7	1339.1	1316.6	1289.6	1248.0	1200.8
-60°	1137.9	1147.9	1155.4	1159.3	1155.4	1147.9	1137.9	1123.5	1104.8	1072.8	1034.7
-62.5°	966.6	976.1	983.9	988.4	983.9	976.1	966.6	953.7	937.4	912.6	883.2
-65°	795.1	799.3	800.4	798.6	800.4	799.3	795.1	787.9	777.6	761.5	740.2
-67.5°	653.7	657.2	659.6	659.9	659.6	657.2	653.7	648.2	640.8	629.6	613.6
-70°	531.4	532.9	531.2	527.1	531.2	532.9	531.4	529.2	526.9	521.8	509.5
-72.5°	397.0	382.5	368.0	351.9	368.0	382.5	397.0	410.8	424.3	432.0	423.1
-75°	291.9	267.2	258.3	249.7	258.3	267.2	291.9	315.6	338.6	355.3	348.6
-77.5°	217.1	191.5	184.6	178.1	184.6	191.5	217.1	241.7	265.3	283.9	279.1
-80°	154.2	134.2	129.8	125.6	129.8	134.2	154.2	173.5	192.0	207.9	207.1
-82.5°	101.4	87.4	84.6	81.8	84.6	87.4	101.4	114.8	127.5	138.9	137.5
-85°	54.6	48.0	46.7	45.3	46.7	48.0	54.6	60.8	66.7	72.1	70.5
-87.5°	17.0	16.0	16.1	16.1	16.1	16.0	17.0	18.0	18.9	19.7	19.8
-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: P627572 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-U-WR-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°	0.0	0.0	0.0	0.3	0.7	1.0	1.2	1.2	1.1	1.1	1.1
85°	0.0	0.0	0.0	0.4	0.8	1.1	1.5	1.5	1.5	1.5	1.5
82.5°	0.0	0.0	0.0	0.4	0.8	1.2	1.5	1.5	1.5	1.5	1.5
80°	0.0	0.0	0.1	0.4	0.8	1.2	1.5	1.5	1.5	1.5	1.5
77.5°	0.0	0.0	0.1	0.5	0.8	1.2	1.5	1.5	1.5	1.5	1.5
75°	0.0	0.0	0.1	0.5	0.9	1.3	1.5	1.5	1.5	1.5	1.5
72.5°	0.0	0.0	0.1	0.4	0.9	1.3	1.5	1.5	1.5	1.5	1.5
70°	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.2	1.5	1.5	1.5
67.5°	0.0	0.0	0.3	0.6	0.8	0.8	0.7	0.8	1.2	1.5	1.5
65°	0.4	0.3	0.3	0.7	1.1	1.5	1.5	1.4	1.4	1.6	1.5
62.5°	1.2	1.5	1.4	1.3	1.3	1.9	1.9	2.0	1.8	2.3	3.4
60°	4.8	2.4	5.3	6.2	4.8	4.7	8.3	7.7	3.0	10.9	13.2
57.5°	32.0	29.5	42.3	41.1	24.5	35.1	41.9	28.1	19.5	31.1	37.4
55°	139.8	136.6	133.1	125.4	115.0	107.1	105.6	105.4	83.7	60.7	68.8
52.5°	306.4	272.8	248.7	237.0	220.2	194.8	174.4	170.4	165.3	136.8	113.0
50°	393.6	387.5	361.5	321.5	317.8	292.3	256.9	232.4	229.2	209.7	173.7
47.5°	565.5	565.4	512.0	463.3	449.2	427.0	382.1	316.1	310.1	293.4	253.3
45°	916.3	852.6	822.8	729.1	627.1	587.8	550.4	471.0	406.1	380.6	352.3
42.5°	1241.4	1146.8	1068.6	974.6	862.3	763.9	693.7	606.5	528.1	473.8	433.4
40°	1545.7	1393.2	1284.8	1166.4	1044.2	922.4	835.5	725.8	636.5	563.7	520.9
37.5°	1926.2	1716.4	1596.0	1411.7	1257.7	1131.8	1020.5	880.9	737.4	678.1	625.0
35°	2485.9	2237.6	2096.7	1872.6	1561.2	1449.8	1304.7	1095.7	914.0	812.6	747.0
32.5°	3490.2	3119.0	2859.8	2560.5	2148.1	1854.7	1662.1	1429.5	1138.5	992.5	883.7
30°	4510.3	4008.3	3645.2	3341.2	2793.3	2361.0	2063.6	1734.4	1420.7	1183.6	1035.8
27.5°	5201.3	4708.0	4255.8	3819.1	3375.3	2873.3	2427.9	2005.3	1662.4	1397.2	1206.3
25°	5807.5	5249.6	4740.3	4267.2	3792.9	3305.0	2765.6	2290.7	1888.1	1584.8	1335.6
22.5°	6407.7	5814.4	5237.3	4686.9	4205.7	3683.8	3113.9	2567.5	2104.8	1790.6	1491.2
20°	7088.1	6404.9	5738.7	5218.5	4670.5	4075.2	3441.4	2920.5	2467.0	2036.6	1661.4
17.5°	8061.9	7148.9	6536.9	5950.8	5238.9	4511.4	3961.2	3415.0	2856.7	2296.5	1839.8
15°	9380.9	8437.7	7736.6	6933.5	5955.8	5204.5	4599.6	3936.3	3275.0	2604.1	2052.4
12.5°	10949.0	9804.8	8978.9	7835.6	6735.3	5922.7	5238.4	4496.1	3683.7	2882.2	2250.0
10°	11935.9	10702.4	9526.3	8428.3	7424.3	6587.4	5728.1	4821.6	3918.0	3092.0	2421.0
7.5°	12460.2	11145.5	9931.7	8833.7	7809.3	6840.6	5925.3	5012.4	4106.5	3255.9	2565.5
5°	12808.6	11474.4	10206.8	9033.1	7985.6	7010.5	6072.6	5141.7	4248.2	3376.7	2683.6
2.5°	13065.5	11688.4	10383.3	9148.8	8083.8	7113.0	6166.2	5217.0	4322.2	3441.5	2724.8
0°	13192.8	11756.2	10448.0	9225.9	8129.4	7135.2	6202.2	5244.4	4339.2	3469.0	2741.9
-2.5°	13167.3	11713.3	10392.9	9223.5	8132.4	7114.5	6207.1	5259.2	4343.9	3489.6	2754.0
-5°	13031.8	11640.3	10329.8	9158.9	8084.2	7065.4	6158.4	5227.1	4309.9	3473.2	2742.5
-7.5°	12757.5	11420.9	10149.8	9010.4	7960.4	6964.1	6059.6	5148.1	4240.9	3416.6	2708.3
-10°	12345.0	11070.6	9861.5	8783.4	7760.4	6798.5	5913.0	5014.8	4127.0	3323.5	2649.0
-12.5°	11834.4	10631.1	9478.3	8474.8	7498.1	6579.6	5714.6	4826.8	3968.6	3194.3	2564.4
-15°	11210.3	10130.3	9087.9	8114.7	7191.1	6301.7	5456.9	4592.6	3767.3	3027.8	2454.7
-17.5°	10577.4	9574.9	8596.8	7673.5	6817.2	5972.6	5153.2	4332.4	3542.7	2848.4	2326.2
-20°	9872.9	8946.9	8042.4	7204.7	6406.5	5604.2	4814.7	4025.3	3285.4	2680.5	2212.4



REPORT NUMBER: P627572 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9108.2	8281.3	7462.3	6706.8	5959.8	5190.9	4435.2	3690.0	2988.0	2492.1	2083.4
-25°	8334.0	7583.0	6849.0	6153.7	5453.3	4727.1	4028.9	3348.5	2768.2	2314.3	1944.2
-27.5°	7556.7	6876.7	6199.4	5556.7	4897.3	4257.6	3619.5	3002.8	2530.2	2144.2	1814.4
-30°	6788.4	6174.0	5554.2	4940.5	4343.9	3759.6	3189.2	2722.0	2311.3	1962.4	1669.1
-32.5°	5996.8	5462.3	4897.6	4322.3	3780.7	3264.9	2831.6	2437.9	2082.8	1795.1	1539.9
-35°	5227.0	4735.4	4215.7	3721.5	3242.1	2855.8	2488.8	2166.9	1882.9	1628.1	1411.0
-37.5°	4441.0	3997.3	3567.7	3153.3	2811.1	2484.4	2194.2	1931.3	1686.0	1483.2	1296.4
-40°	3700.5	3314.1	3005.5	2700.6	2429.3	2168.2	1939.1	1713.2	1523.8	1345.4	1184.5
-42.5°	3066.5	2795.3	2547.2	2317.2	2094.7	1901.9	1708.5	1532.8	1367.4	1217.9	1084.3
-45°	2553.8	2360.2	2158.4	1989.5	1817.6	1664.0	1509.5	1364.7	1225.8	1103.8	985.4
-47.5°	2148.0	2003.8	1851.8	1716.3	1587.6	1455.9	1335.5	1210.7	1102.9	994.4	895.5
-50°	1816.6	1710.0	1598.9	1489.2	1388.1	1280.6	1180.8	1082.5	987.8	897.7	807.7
-52.5°	1543.6	1466.4	1384.1	1296.9	1216.4	1132.6	1045.4	966.4	884.7	805.3	726.7
-55°	1327.0	1265.5	1203.2	1137.2	1070.0	1001.4	930.1	859.2	788.9	716.5	657.2
-57.5°	1149.2	1097.4	1047.9	995.5	940.6	882.5	821.9	758.5	701.0	646.3	592.4
-60°	993.5	949.8	910.2	868.0	823.2	772.9	723.4	673.6	623.7	576.3	530.1
-62.5°	852.7	821.7	786.1	750.1	714.7	677.6	633.1	589.2	547.0	506.2	468.1
-65°	716.3	689.9	662.2	636.5	608.1	576.5	538.9	504.5	471.3	437.8	406.2
-67.5°	595.5	575.2	553.0	530.1	507.5	482.2	454.4	425.9	399.3	371.8	348.3
-70°	496.0	481.2	464.0	443.6	423.0	402.3	381.1	358.7	334.5	309.9	290.9
-72.5°	413.1	402.3	388.8	371.8	353.6	335.4	316.7	296.8	275.4	252.6	234.4
-75°	341.2	333.1	322.8	307.8	291.8	274.8	258.3	240.1	219.4	195.9	177.5
-77.5°	274.1	269.0	262.4	250.1	237.6	225.0	210.5	189.3	168.3	148.3	134.7
-80°	205.5	203.3	199.3	189.0	178.5	167.9	156.1	140.0	124.7	110.3	99.2
-82.5°	135.6	133.1	129.8	123.5	117.4	111.5	105.5	94.6	84.0	73.6	64.7
-85°	68.7	66.7	64.7	63.6	62.4	60.9	59.1	52.9	46.9	41.3	36.3
-87.5°	19.9	19.9	19.9	20.1	20.2	20.3	20.3	18.8	17.3	15.8	14.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627572 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-730-U-WR-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°	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.1	1.0	0.9
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5
67.5°	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.9	1.9	1.5	1.5
65°	1.5	1.5	1.6	2.2	2.0	1.5	1.5	2.8	2.4	2.1	1.5
62.5°	2.9	1.5	3.8	5.1	3.3	2.7	2.2	6.1	3.9	2.8	2.0
60°	6.6	5.4	10.2	15.6	11.2	4.4	6.4	10.5	9.7	3.5	2.8
57.5°	33.8	15.4	22.8	29.7	28.3	15.9	12.9	17.9	16.3	9.5	3.8
55°	70.1	59.6	47.4	47.2	47.7	37.8	26.8	27.7	24.5	17.4	5.6
52.5°	106.5	103.3	91.9	74.9	68.8	62.2	50.8	39.3	36.4	26.0	13.7
50°	151.9	143.6	134.6	117.2	95.0	86.3	74.6	60.0	49.6	36.4	22.7
47.5°	203.7	189.3	175.8	158.9	134.6	111.7	98.7	81.4	64.1	50.0	31.8
45°	284.7	237.7	219.5	199.9	174.9	146.3	123.8	102.6	83.0	63.6	40.9
42.5°	367.8	302.5	264.2	242.2	216.0	183.7	149.9	126.0	101.8	77.2	51.7
40°	451.6	370.6	312.6	285.1	258.5	221.1	183.1	150.5	120.1	91.4	63.5
37.5°	542.0	446.9	368.4	329.7	301.7	261.3	216.9	175.6	138.9	106.7	75.1
35°	654.5	537.4	429.1	381.3	343.7	302.3	250.2	202.8	161.3	122.1	86.6
32.5°	781.1	637.2	516.1	437.5	386.4	344.0	285.8	233.4	184.3	137.6	97.9
30°	906.9	739.9	598.7	493.3	431.8	383.1	323.7	264.3	207.8	152.9	109.4
27.5°	1003.0	828.6	676.0	560.3	482.0	422.0	361.5	295.2	231.8	169.9	122.0
25°	1101.1	910.7	750.9	625.8	531.2	461.7	397.8	326.2	257.2	189.3	134.2
22.5°	1215.7	988.6	814.2	685.1	583.4	502.0	432.5	357.7	282.9	208.6	146.2
20°	1327.8	1060.5	872.4	754.2	640.4	547.0	466.5	387.6	308.1	227.6	157.8
17.5°	1442.8	1161.5	969.0	825.7	699.2	591.5	500.1	416.0	332.6	246.1	168.8
15°	1616.0	1296.5	1066.4	896.4	756.2	635.0	533.0	442.7	356.1	263.9	178.7
12.5°	1779.2	1423.6	1160.9	965.4	810.8	677.3	564.9	467.8	378.6	278.7	186.9
10°	1923.5	1541.9	1251.4	1032.0	862.7	717.8	595.4	487.5	392.0	290.5	194.3
7.5°	2049.1	1650.5	1336.8	1095.4	906.9	745.3	611.0	497.8	402.1	300.9	200.7
5°	2145.2	1724.3	1383.7	1120.7	923.6	757.8	622.1	506.1	410.2	309.8	206.3
2.5°	2176.9	1748.9	1402.3	1135.0	935.7	766.9	630.7	512.5	416.3	317.1	210.9
0°	2191.5	1760.8	1411.8	1143.2	943.2	772.4	636.6	516.9	420.5	322.7	214.6
-2.5°	2207.6	1777.0	1425.2	1155.9	951.0	779.9	642.9	523.7	426.6	329.0	220.8
-5°	2206.5	1780.0	1429.6	1162.1	954.1	784.0	646.4	528.6	430.9	333.6	226.0
-7.5°	2183.1	1766.2	1424.1	1160.9	952.4	784.4	647.4	531.4	433.7	336.5	230.0
-10°	2141.4	1737.6	1408.0	1150.3	946.1	781.0	645.8	532.3	434.7	337.8	232.9
-12.5°	2082.7	1696.8	1382.2	1133.1	934.9	773.7	641.1	529.8	434.1	337.4	234.6
-15°	2007.2	1644.3	1346.6	1109.3	918.6	762.8	633.5	524.7	430.3	334.9	234.9
-17.5°	1915.9	1580.6	1301.1	1079.0	897.3	748.3	623.1	517.6	425.1	330.6	234.5
-20°	1831.2	1513.4	1248.6	1042.1	871.0	730.4	609.8	508.5	418.7	325.2	233.4

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Scaled Data Report



REPORT NUMBER: P627572 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1736.4	1443.7	1202.1	1006.8	843.1	708.9	593.6	497.5	411.1	318.8	231.3
-25°	1628.0	1364.7	1148.9	967.5	816.0	688.4	577.0	484.5	402.4	311.5	228.2
-27.5°	1526.1	1283.2	1089.4	922.2	784.7	664.8	560.6	472.5	392.2	303.3	224.1
-30°	1422.2	1212.3	1032.3	874.7	750.1	638.5	542.1	459.7	380.8	296.2	219.1
-32.5°	1316.5	1135.0	971.1	833.6	716.7	610.2	521.9	445.9	368.9	289.1	215.0
-35°	1225.7	1058.9	905.4	789.4	682.5	586.0	501.8	431.3	356.6	281.1	210.6
-37.5°	1129.1	981.7	854.3	745.4	645.7	559.7	482.6	414.0	344.0	272.2	205.1
-40°	1042.6	909.7	799.2	703.0	612.6	531.2	461.1	395.7	332.2	262.3	198.8
-42.5°	954.5	844.2	745.5	657.2	579.4	505.1	437.7	376.1	316.9	253.2	191.6
-45°	877.3	777.2	690.0	615.7	544.6	476.7	414.7	355.7	300.6	243.9	184.0
-47.5°	797.5	712.5	638.2	572.3	510.4	447.2	390.6	336.9	283.6	233.4	176.3
-50°	723.1	651.3	589.5	530.5	472.7	419.5	366.4	317.5	268.2	219.7	167.6
-52.5°	657.0	597.2	542.1	488.4	438.7	390.7	344.8	297.8	252.1	206.0	157.9
-55°	598.5	545.2	495.6	449.1	404.7	365.0	322.7	279.2	235.3	191.9	147.7
-57.5°	542.6	494.5	452.4	411.0	373.2	338.7	301.1	260.0	218.3	177.2	138.5
-60°	486.2	447.6	410.1	375.4	342.7	311.4	279.5	240.1	200.8	162.0	127.5
-62.5°	432.3	399.9	371.0	340.5	310.5	282.9	257.1	219.7	182.5	147.0	115.2
-65°	379.3	354.5	331.2	302.6	276.5	253.5	232.0	198.4	163.3	131.0	102.4
-67.5°	326.9	306.4	285.6	262.4	243.0	224.3	205.3	174.9	142.9	114.1	89.5
-70°	274.0	256.6	241.8	227.0	211.0	194.4	175.5	149.5	121.6	98.1	76.1
-72.5°	222.1	211.5	202.6	192.2	178.6	162.9	145.2	124.0	102.3	81.7	62.3
-75°	171.1	168.9	166.2	159.5	146.4	131.7	117.4	101.2	82.5	64.8	50.8
-77.5°	134.8	133.9	132.0	127.3	115.9	103.9	91.4	77.8	63.6	51.5	39.9
-80°	99.8	99.7	98.8	95.9	86.2	76.0	67.3	58.6	48.2	38.3	28.8
-82.5°	65.6	66.6	67.0	66.2	59.5	53.1	46.8	40.6	32.6	24.9	19.3
-85°	37.5	38.2	38.4	37.9	33.9	29.9	27.3	24.6	20.3	16.4	12.9
-87.5°	15.5	16.4	17.1	17.6	16.3	15.0	13.7	12.3	10.2	8.2	6.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA5B-730-U-WR-VSR-XX

**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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
77.5°	1.5	1.5	1.3	1.0	0.6	0.3	0.0
75°	1.5	1.5	1.5	1.2	0.8	0.4	0.0
72.5°	1.5	1.5	1.5	1.3	0.9	0.5	0.0
70°	1.5	1.5	1.5	1.5	1.0	0.5	0.0
67.5°	1.6	1.5	1.5	1.5	1.1	0.6	0.0
65°	1.8	1.7	1.5	1.5	1.3	0.6	0.0
62.5°	2.0	2.0	1.5	1.5	1.4	0.7	0.0
60°	2.3	2.4	1.5	1.5	1.5	0.7	0.0
57.5°	4.0	2.8	1.9	1.5	1.5	0.8	0.0
55°	6.1	3.2	2.3	1.5	1.5	0.9	0.0
52.5°	8.5	4.0	2.8	1.5	1.6	0.9	0.0
50°	11.2	6.6	3.3	1.5	1.6	1.0	0.0
47.5°	14.9	9.3	3.8	1.6	1.6	1.0	0.0
45°	22.8	12.1	4.3	2.0	1.7	1.1	0.0
42.5°	30.6	15.2	4.8	2.4	1.7	1.1	0.0
40°	38.4	18.4	6.3	2.9	1.8	1.1	0.0
37.5°	46.2	21.7	8.8	3.5	1.8	1.2	0.0
35°	53.9	27.0	11.4	4.2	1.9	1.2	0.0
32.5°	62.0	33.1	13.9	4.9	1.9	1.3	0.0
30°	71.2	39.0	16.5	5.7	2.0	1.3	0.0
27.5°	80.1	44.8	19.5	6.5	2.1	1.3	0.0
25°	88.6	50.3	22.4	7.4	2.2	1.4	0.0
22.5°	96.8	55.7	25.3	8.3	2.2	1.4	0.0
20°	104.6	61.0	28.1	9.2	2.3	1.4	0.0
17.5°	111.8	65.9	30.7	10.2	2.4	1.4	0.0
15°	118.4	70.5	33.3	11.1	2.5	1.4	0.0
12.5°	124.5	74.8	35.7	12.0	2.5	1.5	0.0
10°	130.0	78.7	38.0	12.9	2.6	1.5	0.0
7.5°	134.9	82.3	40.1	13.8	2.7	1.5	0.0
5°	139.3	85.4	42.0	14.6	2.8	1.5	0.0
2.5°	142.9	88.2	43.8	15.4	2.8	1.5	0.0
0°	146.0	90.5	45.3	16.1	2.9	1.5	0.0
-2.5°	150.0	93.4	47.4	17.1	3.3	1.6	0.0
-5°	153.3	95.8	49.2	18.0	3.8	1.7	0.0
-7.5°	155.9	97.7	50.7	18.9	4.2	1.8	0.0
-10°	157.7	99.2	52.0	19.6	4.6	1.8	0.0
-12.5°	158.8	100.1	53.0	20.2	5.0	1.9	0.0
-15°	159.2	100.6	53.6	20.8	5.3	2.0	0.0
-17.5°	158.7	100.6	53.9	21.1	5.7	2.0	0.0
-20°	158.3	100.0	53.8	21.4	6.0	2.1	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	158.3	98.9	53.4	21.5	6.3	2.1	0.0
-25°	157.6	98.5	52.6	21.5	6.5	2.2	0.0
-27.5°	156.1	98.1	51.3	21.4	6.7	2.2	0.0
-30°	153.8	97.1	49.9	21.1	6.8	2.2	0.0
-32.5°	150.8	95.4	49.2	20.6	7.0	2.2	0.0
-35°	147.8	93.1	48.2	20.0	7.0	2.2	0.0
-37.5°	144.4	90.6	46.7	19.2	7.1	2.2	0.0
-40°	140.3	88.4	44.9	18.3	7.0	2.2	0.0
-42.5°	135.3	85.6	43.5	17.5	7.0	2.2	0.0
-45°	129.5	82.3	42.7	16.8	6.8	2.1	0.0
-47.5°	123.0	78.4	41.4	15.9	6.7	2.1	0.0
-50°	117.3	73.9	39.7	15.6	6.5	2.0	0.0
-52.5°	111.1	69.0	37.5	15.4	6.2	2.0	0.0
-55°	104.3	64.9	34.9	15.0	5.9	1.9	0.0
-57.5°	96.8	60.5	31.9	14.4	5.6	1.8	0.0
-60°	88.7	55.5	28.6	13.6	5.2	1.7	0.0
-62.5°	81.0	49.9	26.6	12.6	4.9	1.6	0.0
-65°	72.4	43.8	24.3	11.5	4.6	1.5	0.0
-67.5°	63.2	38.3	21.7	10.2	4.2	1.3	0.0
-70°	53.3	33.6	18.9	8.8	3.8	1.2	0.0
-72.5°	45.3	28.5	15.9	7.8	3.4	1.1	0.0
-75°	37.2	23.1	12.6	6.8	2.9	0.9	0.0
-77.5°	28.7	17.4	10.4	5.7	2.5	0.8	0.0
-80°	19.8	13.3	8.4	4.7	2.0	0.6	0.0
-82.5°	14.6	10.1	6.4	3.5	1.5	0.5	0.0
-85°	9.8	6.8	4.3	2.4	1.0	0.3	0.0
-87.5°	4.9	3.4	2.2	1.2	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)