

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: P627952 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627952 (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-SA6D-740-U-WR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (96) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

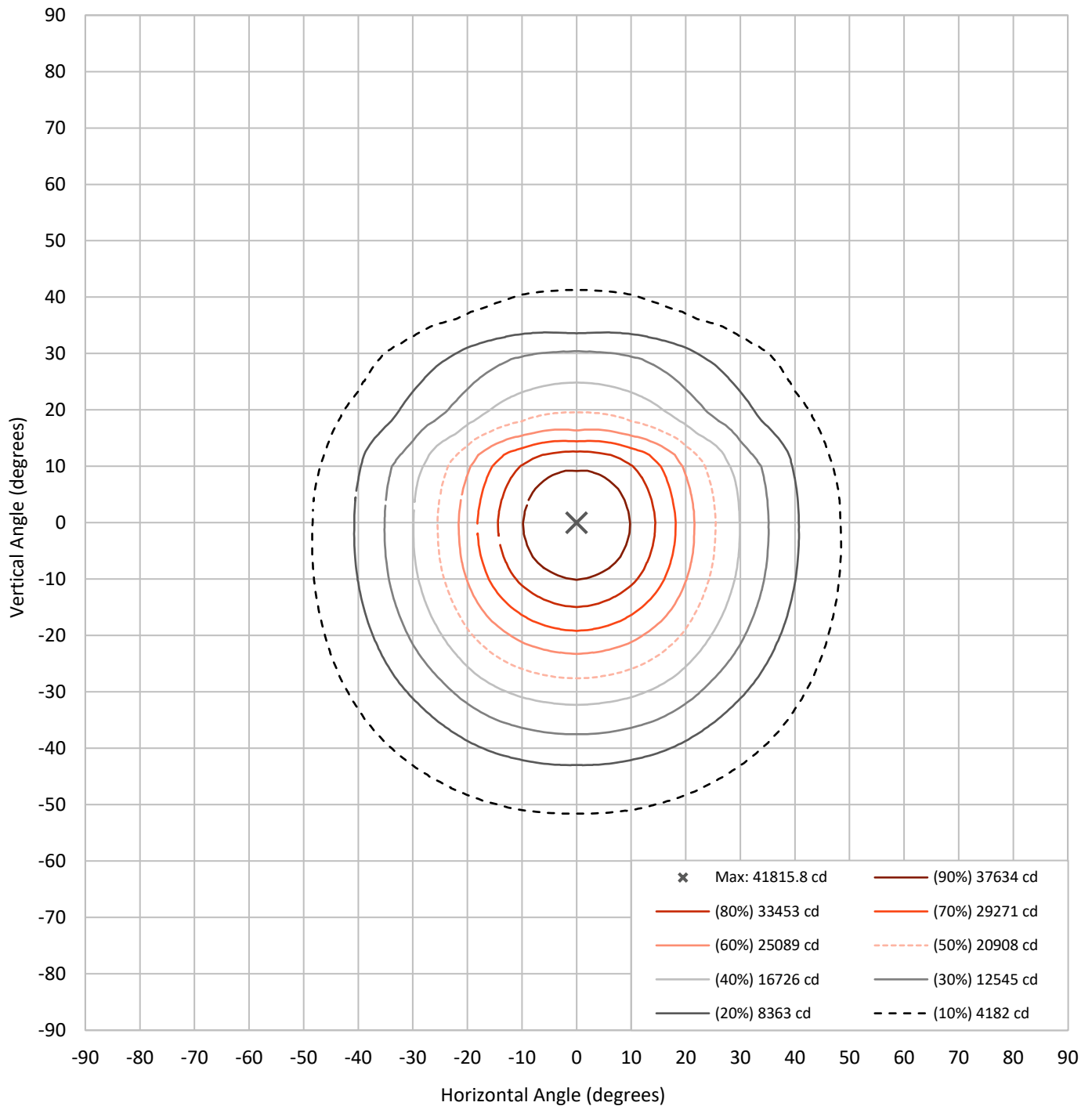
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	36890.6 lumens	Max Intensity:	41815.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.2 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:	17761.1 lumens	Field Lumens:	33029.6 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	325.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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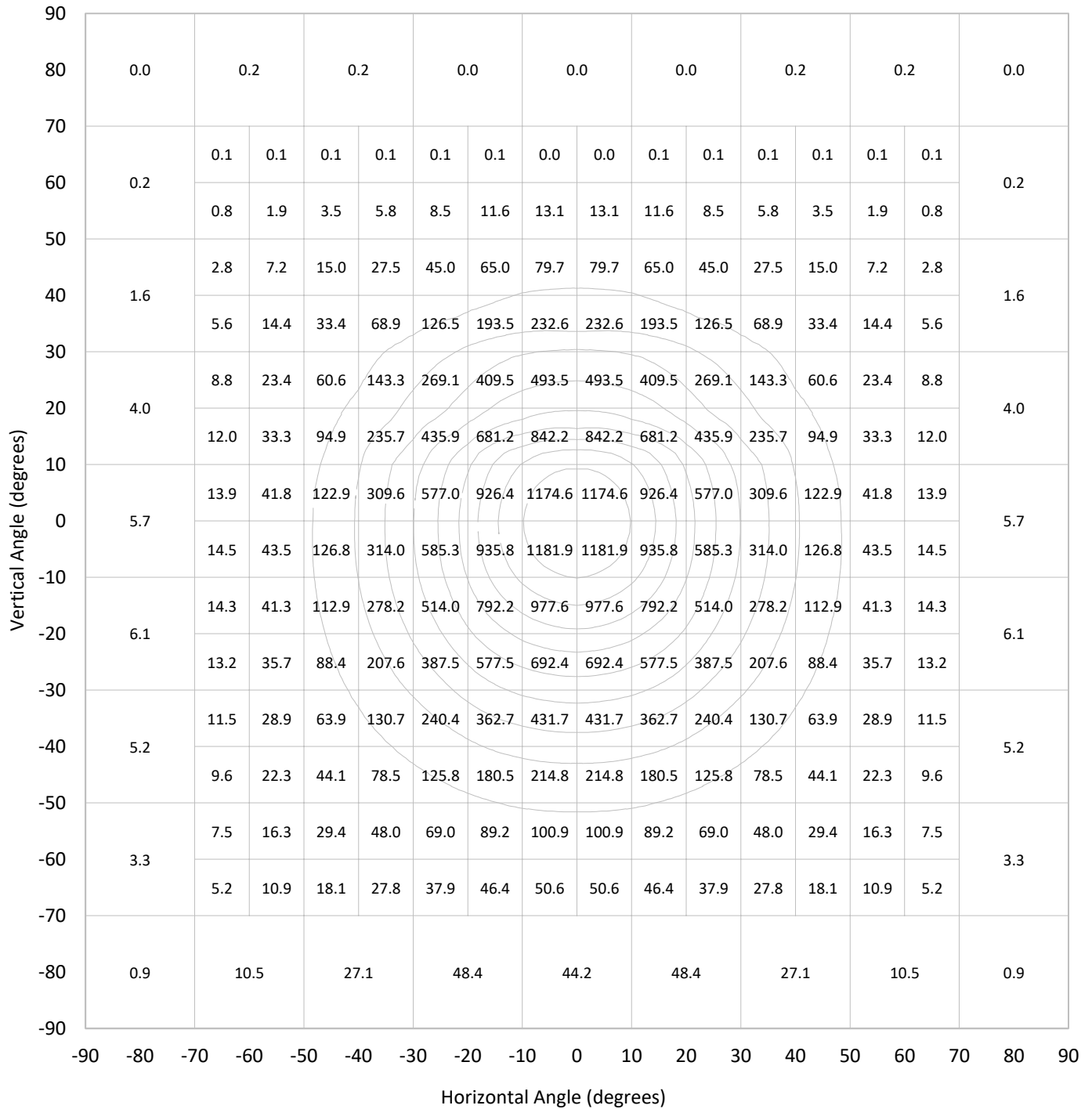
### Iso-Candela Plot





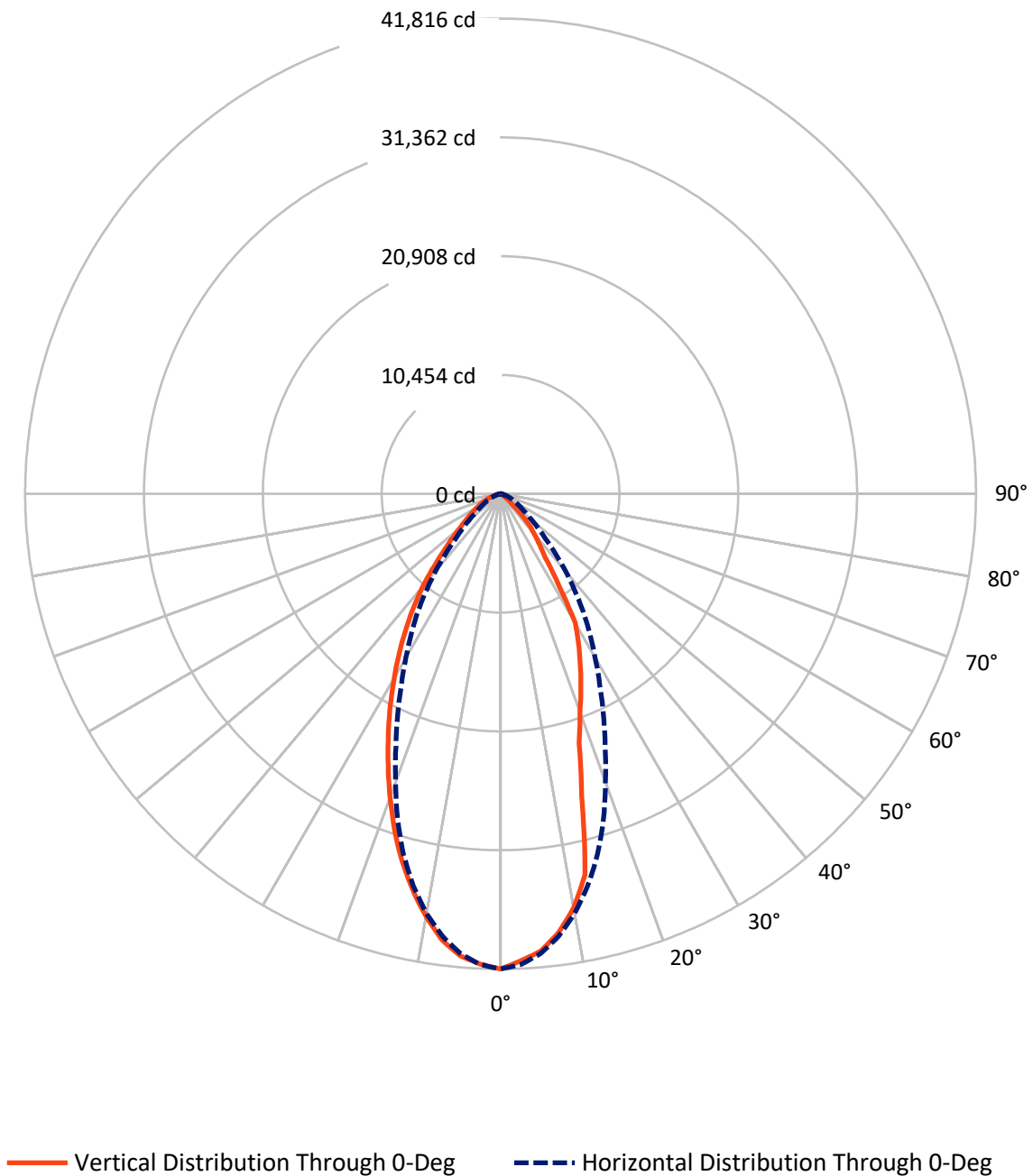
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### Lumen Table



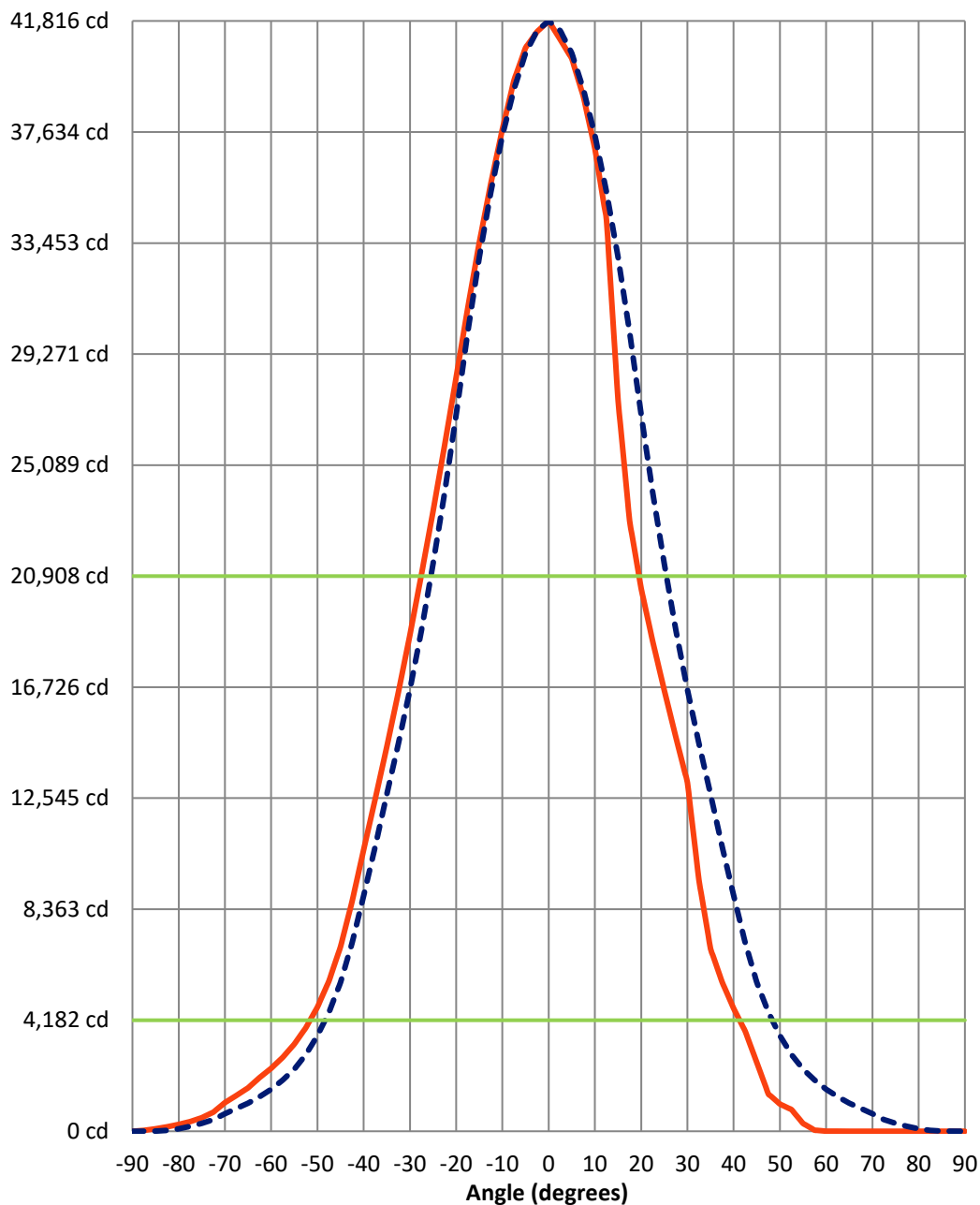
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 17761.1  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 33029.6  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 3860.9  
 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	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.0	3.0	3.0
80°	0.0	0.5	1.0	1.6	2.1	2.6	3.0	3.0	3.0	3.0	3.0
77.5°	0.0	0.6	1.3	1.9	2.6	3.0	3.0	3.0	3.0	3.0	3.0
75°	0.0	0.8	1.6	2.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0
72.5°	0.0	0.9	1.8	2.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0
70°	0.0	1.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3
67.5°	0.0	1.1	2.3	3.0	3.0	3.0	3.3	3.0	3.0	3.9	3.7
65°	0.0	1.3	2.5	3.0	3.0	3.3	3.6	3.0	4.3	4.9	5.8
62.5°	0.0	1.4	2.8	3.0	3.0	4.0	4.1	4.1	5.7	8.0	12.5
60°	0.0	1.5	3.0	3.0	3.0	4.8	4.7	5.7	7.2	19.8	21.4
57.5°	0.0	1.6	3.0	3.0	3.8	5.6	8.1	7.7	19.5	33.3	36.6
55°	0.0	1.7	3.1	3.0	4.7	6.6	12.4	11.4	35.7	50.3	56.8
52.5°	0.0	1.8	3.1	3.0	5.7	8.2	17.3	28.1	53.3	74.6	80.4
50°	0.0	1.9	3.2	3.0	6.7	13.4	22.8	46.5	74.5	101.5	122.7
47.5°	0.0	2.0	3.3	3.2	7.7	18.9	30.4	65.0	102.3	131.2	166.5
45°	0.0	2.1	3.4	4.0	8.8	24.8	46.6	83.7	130.2	169.9	209.7
42.5°	0.0	2.2	3.5	4.8	9.9	31.0	62.7	105.8	158.1	208.2	257.8
40°	0.0	2.3	3.6	5.9	13.0	37.6	78.7	129.9	187.0	245.6	307.9
37.5°	0.0	2.4	3.7	7.2	18.1	44.4	94.6	153.7	218.4	284.0	359.2
35°	0.0	2.5	3.8	8.6	23.3	55.2	110.4	177.2	249.9	329.9	414.9
32.5°	0.0	2.5	4.0	10.1	28.5	67.7	127.1	200.3	281.4	377.0	477.5
30°	0.0	2.6	4.1	11.7	33.8	79.8	145.8	223.8	312.9	425.2	540.7
27.5°	0.0	2.7	4.2	13.4	39.8	91.6	163.9	249.5	347.5	474.1	604.1
25°	0.0	2.7	4.4	15.2	45.8	103.0	181.3	274.6	387.3	526.1	667.5
22.5°	0.0	2.8	4.6	17.0	51.7	114.0	198.0	299.1	426.8	578.8	731.8
20°	0.0	2.8	4.7	18.9	57.4	124.8	214.0	322.7	465.6	630.3	793.0
17.5°	0.0	2.9	4.9	20.8	62.8	134.9	228.8	345.4	503.4	680.4	851.1
15°	0.0	2.9	5.1	22.7	68.0	144.4	242.3	365.6	539.9	728.6	905.8
12.5°	0.0	2.9	5.2	24.5	73.0	153.1	254.7	382.4	570.1	774.7	957.0
10°	0.0	3.0	5.4	26.4	77.7	161.1	266.0	397.5	594.3	801.9	997.3
7.5°	0.0	3.0	5.6	28.2	82.0	168.4	276.1	410.7	615.5	822.6	1018.3
5°	0.0	3.0	5.7	29.9	85.9	174.8	284.9	422.1	633.7	839.1	1035.4
2.5°	0.0	3.0	5.9	31.4	89.5	180.5	292.4	431.5	648.6	851.6	1048.3
0°	0.0	3.0	6.0	32.9	92.6	185.2	298.7	439.1	660.1	860.2	1057.3
-2.5°	0.0	3.2	6.9	35.0	96.8	191.0	306.8	451.8	673.0	872.6	1071.3
-5°	0.0	3.4	7.8	36.9	100.6	195.9	313.6	462.3	682.4	881.6	1081.3
-7.5°	0.0	3.6	8.7	38.6	103.8	199.9	318.9	470.6	688.4	887.1	1087.2
-10°	0.0	3.7	9.5	40.1	106.4	202.9	322.7	476.5	691.0	889.3	1089.0
-12.5°	0.0	3.9	10.3	41.4	108.3	204.8	324.9	479.9	690.1	887.9	1083.9
-15°	0.0	4.0	11.0	42.5	109.6	205.8	325.6	480.6	685.1	880.2	1073.4
-17.5°	0.0	4.1	11.7	43.3	110.2	205.6	324.7	479.7	676.3	869.7	1058.8
-20°	0.0	4.2	12.3	43.8	110.1	204.5	323.7	477.4	665.2	856.6	1040.3

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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	4.3	12.9	44.1	109.2	202.2	323.9	473.1	652.1	841.0	1017.7
-25°	0.0	4.4	13.3	44.1	107.5	201.5	322.4	466.8	637.2	823.1	991.2
-27.5°	0.0	4.5	13.7	43.7	105.0	200.6	319.4	458.5	620.6	802.4	966.7
-30°	0.0	4.5	14.1	43.1	102.0	198.5	314.7	448.3	605.9	779.1	940.4
-32.5°	0.0	4.5	14.3	42.2	100.7	195.1	308.3	439.9	591.5	754.8	912.2
-35°	0.0	4.5	14.4	41.0	98.6	190.4	302.3	430.7	575.1	729.6	882.3
-37.5°	0.0	4.5	14.5	39.4	95.7	185.3	295.5	419.6	556.8	703.8	847.1
-40°	0.0	4.5	14.4	37.6	91.9	180.8	286.9	406.7	536.7	679.7	809.5
-42.5°	0.0	4.4	14.3	35.8	89.1	175.1	276.8	391.9	518.0	648.4	769.4
-45°	0.0	4.3	14.1	34.5	87.4	168.3	265.0	376.4	498.9	614.9	727.8
-47.5°	0.0	4.2	13.7	32.6	84.7	160.3	251.6	360.6	477.5	580.2	689.2
-50°	0.0	4.1	13.3	32.0	81.2	151.3	239.9	342.8	449.4	548.6	649.5
-52.5°	0.0	4.0	12.8	31.6	76.7	141.1	227.3	323.1	421.5	515.6	609.2
-55°	0.0	3.8	12.2	30.7	71.4	132.8	213.3	302.0	392.7	481.3	571.2
-57.5°	0.0	3.6	11.5	29.5	65.3	123.8	197.9	283.3	362.4	446.6	531.8
-60°	0.0	3.4	10.7	27.9	58.5	113.6	181.5	260.8	331.3	410.7	491.3
-62.5°	0.0	3.2	10.1	25.9	54.5	102.1	165.6	235.7	300.6	373.3	449.4
-65°	0.0	3.0	9.3	23.6	49.8	89.6	148.1	209.5	267.9	334.0	405.9
-67.5°	0.0	2.7	8.6	21.0	44.5	78.4	129.2	183.0	233.4	292.4	357.7
-70°	0.0	2.5	7.8	18.1	38.7	68.8	108.9	155.6	200.7	248.7	305.9
-72.5°	0.0	2.2	6.9	15.9	32.4	58.4	92.6	127.4	167.1	209.2	253.7
-75°	0.0	1.9	6.0	13.9	25.8	47.3	76.0	103.8	132.5	168.7	207.0
-77.5°	0.0	1.6	5.1	11.8	21.3	35.6	58.6	81.6	105.2	130.1	159.2
-80°	0.0	1.3	4.1	9.5	17.2	27.2	40.4	58.9	78.2	98.6	119.9
-82.5°	0.0	1.0	3.1	7.2	13.1	20.6	29.8	39.3	50.8	66.5	83.0
-85°	0.0	0.6	2.1	4.8	8.8	13.8	20.0	26.4	33.6	41.5	50.3
-87.5°	0.0	0.3	1.0	2.4	4.4	6.9	10.0	13.2	16.8	20.8	25.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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CATALOG NUMBER: GFLD-SA6D-740-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°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
85°	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
82.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
80°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
77.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
75°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
72.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
70°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.5
67.5°	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	2.3	1.5
65°	3.0	3.0	4.1	4.4	3.2	3.0	3.0	3.0	3.1	2.7	2.8
62.5°	4.4	5.4	6.7	10.4	7.8	3.0	5.9	6.8	4.6	3.7	4.0
60°	13.1	8.9	22.9	31.9	20.8	11.0	13.5	27.1	22.4	6.1	15.9
57.5°	26.4	32.5	57.8	60.7	46.6	31.5	69.2	76.7	63.6	40.0	57.5
55°	54.9	77.2	97.6	96.5	97.1	122.0	143.4	140.8	124.2	171.2	215.6
52.5°	104.0	127.1	140.7	153.2	188.1	211.3	217.9	231.1	279.8	338.1	348.6
50°	152.6	176.5	194.3	239.7	275.4	293.8	310.8	355.4	429.0	469.0	475.4
47.5°	201.9	228.5	275.4	325.1	359.6	387.3	416.9	518.2	600.3	634.3	646.7
45°	253.3	299.3	357.8	408.9	448.9	486.4	582.5	720.7	778.6	830.8	963.6
42.5°	306.6	375.9	441.8	495.4	540.5	618.9	752.6	886.5	969.3	1080.3	1240.7
40°	374.6	452.3	528.8	583.2	639.5	758.3	923.8	1065.6	1153.2	1302.1	1484.9
37.5°	443.7	534.5	617.1	674.5	753.6	914.3	1108.8	1278.6	1387.3	1508.5	1802.2
35°	511.9	618.4	703.1	780.0	877.8	1099.3	1339.0	1528.1	1662.3	1869.9	2241.6
32.5°	584.7	703.8	790.4	895.1	1055.8	1303.5	1597.9	1807.8	2030.4	2329.1	2924.5
30°	662.3	783.7	883.3	1009.2	1224.7	1513.7	1855.3	2119.1	2421.3	2906.5	3548.2
27.5°	739.6	863.3	986.0	1146.2	1382.9	1695.0	2051.9	2467.7	2858.2	3400.8	4102.3
25°	813.9	944.5	1086.8	1280.3	1536.2	1863.0	2252.6	2732.3	3241.9	3862.5	4686.2
22.5°	884.8	1027.0	1193.5	1401.4	1665.6	2022.5	2487.1	3050.5	3662.9	4305.7	5252.4
20°	954.3	1119.0	1310.1	1542.8	1784.7	2169.6	2716.4	3398.7	4166.2	5046.9	5974.5
17.5°	1023.0	1209.9	1430.5	1689.2	1982.3	2376.2	2951.6	3763.8	4698.0	5844.2	6986.4
15°	1090.3	1299.1	1547.0	1833.7	2181.6	2652.4	3305.9	4198.6	5327.3	6699.9	8052.8
12.5°	1155.5	1385.5	1658.7	1975.0	2374.9	2912.4	3639.8	4602.9	5896.2	7536.0	9198.0
10°	1218.0	1468.5	1764.8	2111.3	2560.1	3154.4	3935.0	4952.7	6325.4	8015.3	9863.8
7.5°	1249.9	1524.6	1855.4	2240.9	2734.8	3376.5	4191.9	5248.3	6660.7	8400.8	10254.2
5°	1272.7	1550.3	1889.4	2292.7	2830.8	3527.5	4388.4	5489.9	6907.9	8690.8	10518.7
2.5°	1290.2	1568.7	1914.2	2322.0	2868.8	3577.8	4453.4	5574.2	7040.4	8842.2	10672.8
0°	1302.3	1580.0	1929.5	2338.7	2888.3	3602.1	4483.3	5609.3	7096.7	8876.9	10728.7
-2.5°	1315.1	1595.5	1945.6	2364.7	2915.7	3635.2	4516.3	5634.1	7138.9	8886.5	10759.1
-5°	1322.4	1603.8	1951.9	2377.3	2924.6	3641.5	4513.9	5610.5	7105.3	8816.8	10693.3
-7.5°	1324.4	1604.7	1948.4	2374.8	2913.3	3613.2	4466.2	5540.5	6989.5	8675.7	10531.8
-10°	1321.2	1597.7	1935.5	2353.2	2880.5	3554.6	4380.9	5419.2	6799.1	8442.6	10258.9
-12.5°	1311.5	1582.7	1912.5	2318.1	2827.7	3471.2	4260.7	5246.2	6534.7	8118.7	9874.3
-15°	1296.0	1560.5	1879.3	2269.4	2754.8	3363.9	4106.2	5021.6	6194.2	7706.9	9395.3
-17.5°	1274.7	1530.9	1835.7	2207.2	2661.6	3233.5	3919.5	4758.7	5827.1	7247.3	8862.8
-20°	1247.5	1494.2	1781.8	2131.9	2554.3	3096.2	3746.1	4526.0	5483.5	6721.0	8234.6

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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°	1214.4	1450.3	1724.8	2059.7	2459.1	2953.5	3552.3	4262.1	5098.1	6112.8	7548.7
-25°	1180.5	1408.3	1669.4	1979.3	2350.4	2791.9	3330.6	3977.3	4734.4	5663.1	6850.3
-27.5°	1146.9	1360.1	1605.3	1886.6	2228.5	2625.2	3122.2	3711.7	4386.4	5176.2	6142.9
-30°	1109.1	1306.1	1534.6	1789.5	2111.7	2480.0	2909.5	3414.7	4014.6	4728.3	5568.6
-32.5°	1067.9	1248.3	1466.2	1705.4	1986.5	2321.9	2693.4	3150.2	3672.2	4261.0	4987.4
-35°	1026.7	1198.9	1396.1	1614.9	1852.2	2166.2	2507.6	2886.6	3330.6	3852.0	4432.9
-37.5°	987.3	1145.0	1321.0	1524.9	1747.6	2008.2	2309.9	2652.1	3034.3	3449.0	3950.9
-40°	943.2	1086.8	1253.3	1438.0	1635.0	1860.9	2132.9	2423.4	2752.4	3117.3	3504.9
-42.5°	895.4	1033.4	1185.2	1344.5	1525.2	1727.0	1952.5	2218.2	2491.6	2797.4	3135.7
-45°	848.5	975.2	1114.2	1259.5	1411.6	1589.9	1794.7	2015.7	2258.1	2507.7	2791.8
-47.5°	799.1	914.8	1044.2	1170.8	1305.6	1457.7	1631.5	1832.0	2034.2	2256.4	2476.7
-50°	749.7	858.3	967.0	1085.2	1205.9	1332.5	1479.4	1652.4	1836.4	2020.7	2214.7
-52.5°	705.4	799.3	897.6	999.0	1109.0	1221.6	1344.0	1486.7	1647.5	1809.9	1977.1
-55°	660.2	746.8	827.9	918.8	1013.9	1115.3	1224.4	1344.5	1465.8	1613.8	1757.6
-57.5°	616.0	692.8	763.4	840.8	925.4	1011.6	1109.9	1211.9	1322.1	1433.9	1551.6
-60°	571.7	637.0	701.0	768.0	838.9	915.6	994.7	1084.3	1178.8	1275.9	1377.9
-62.5°	525.9	578.8	635.3	696.6	759.0	818.0	884.4	957.6	1035.6	1119.0	1205.4
-65°	474.6	518.5	565.6	619.0	677.7	725.2	776.0	831.1	895.6	964.2	1032.1
-67.5°	419.9	458.8	497.2	536.8	584.4	627.0	668.8	712.6	760.7	816.9	871.3
-70°	358.9	397.7	431.6	464.5	494.7	525.0	560.5	595.1	633.9	684.3	733.8
-72.5°	296.9	333.3	365.4	393.3	414.6	432.7	454.5	479.6	516.8	563.5	607.2
-75°	240.2	269.5	299.6	326.3	340.1	345.5	350.0	363.2	400.9	448.8	491.2
-77.5°	187.0	212.6	237.1	260.4	270.1	273.8	275.7	275.6	303.4	344.2	387.2
-80°	137.7	155.5	176.3	196.3	202.2	203.9	204.2	202.9	225.6	255.0	286.5
-82.5°	95.7	108.5	121.7	135.3	137.1	136.2	134.2	132.3	150.6	171.9	193.6
-85°	55.7	61.1	69.2	77.5	78.5	78.1	76.7	74.3	84.5	96.0	108.2
-87.5°	27.9	30.6	33.3	36.0	35.0	33.6	31.8	29.6	32.5	35.4	38.5
-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: P627952 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	2.5	1.9	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.0	2.3	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	3.0	2.3	1.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.0	2.4	1.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	3.0	2.4	1.7	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	3.0	2.5	1.8	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	3.0	2.6	1.8	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.7	0.8	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.4	1.5	1.6	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.1	3.0	2.2	1.5	0.7	0.6	0.7	0.6	0.3	0.0	0.0
62.5°	3.9	3.8	2.7	2.5	2.8	3.0	2.4	2.1	2.0	2.2	2.5
60°	16.9	9.7	9.8	12.5	10.7	4.9	9.8	12.4	11.5	8.7	7.6
57.5°	85.8	71.8	50.2	84.1	86.6	60.3	65.4	85.4	82.8	64.0	63.7
55°	216.0	219.2	235.3	256.5	272.3	279.5	286.0	318.1	352.4	386.0	402.8
52.5°	356.8	398.6	450.5	484.8	508.8	558.0	626.9	658.5	689.2	724.1	749.4
50°	525.5	598.0	650.1	657.7	739.5	792.7	805.2	864.5	929.1	969.3	998.2
47.5°	781.8	873.5	918.9	947.9	1047.5	1156.7	1156.9	1191.0	1352.7	1437.4	1478.1
45°	1126.0	1202.5	1282.8	1491.4	1683.3	1744.2	1874.5	2051.0	2165.7	2323.6	2497.1
42.5°	1419.1	1562.8	1763.9	1993.7	2186.0	2346.1	2539.7	2751.9	3006.7	3246.4	3453.1
40°	1709.3	1887.0	2136.2	2386.1	2628.3	2850.2	3162.2	3435.0	3735.6	4065.3	4340.1
37.5°	2087.8	2315.4	2572.9	2888.1	3265.0	3511.2	3940.4	4332.5	4671.2	5069.3	5314.5
35°	2669.2	2965.9	3193.8	3830.9	4289.4	4577.5	5085.6	5729.9	5977.3	6478.6	6716.5
32.5°	3400.2	3794.3	4394.4	5238.0	5850.4	6380.6	7140.1	7793.9	8351.2	8854.7	9378.5
30°	4221.5	4829.9	5714.3	6835.3	7457.3	8199.9	9227.0	10002.2	10876.1	11835.4	12171.4
27.5°	4966.9	5878.1	6904.9	7812.9	8706.3	9631.2	10640.4	11636.3	12582.2	13380.4	13916.1
25°	5657.7	6761.2	7759.2	8729.5	9697.4	10739.2	11880.6	13010.1	14050.9	14872.2	15496.7
22.5°	6370.3	7536.1	8603.7	9588.3	10714.2	11894.7	13108.5	14404.0	15588.6	16440.7	17121.0
20°	7040.2	8336.9	9554.6	10675.6	11739.9	13102.7	14500.5	15874.6	17164.5	18179.6	18964.0
17.5°	8103.7	9229.2	10717.5	12173.8	13372.8	14624.7	16492.5	17910.7	19342.2	20557.9	21389.4
15°	9409.6	10647.2	12184.1	14184.1	15827.0	17261.4	19190.9	21498.1	23186.5	24738.3	25802.9
12.5°	10716.5	12116.5	13778.8	16029.5	18368.6	20058.1	22399.0	25322.6	27289.2	29691.9	30876.3
10°	11718.3	13476.2	15188.1	17242.1	19488.5	21894.4	24417.8	27153.0	29780.8	31843.9	33688.1
7.5°	12121.6	13994.1	15975.8	18071.6	20317.7	22800.8	25490.3	28336.4	31040.8	33345.2	35371.9
5°	12423.1	14341.7	16336.5	18479.4	20880.5	23473.6	26203.1	29191.3	31953.1	34422.9	36496.4
2.5°	12614.6	14551.3	16537.5	18716.2	21241.5	23911.6	26728.8	29796.1	32599.4	35142.0	37208.8
0°	12688.1	14596.7	16630.8	18873.9	21373.9	24050.1	26989.1	30092.5	32918.0	35376.2	37502.8
-2.5°	12698.1	14554.4	16636.8	18869.0	21261.0	23962.4	26936.9	30014.4	32782.5	35230.7	37376.3
-5°	12598.4	14454.0	16538.3	18736.7	21132.0	23812.9	26659.8	29633.7	32273.8	34656.5	36722.3
-7.5°	12396.4	14246.8	16285.0	18433.0	20763.8	23364.3	26098.6	28863.4	31453.3	33738.6	35710.1
-10°	12096.6	13908.1	15875.7	17968.6	20174.0	22647.5	25254.7	27896.4	30325.2	32438.5	34261.6
-12.5°	11690.6	13460.3	15339.3	17337.3	19390.2	21748.4	24210.2	26690.9	28904.6	30834.0	32469.6
-15°	11163.3	12891.7	14711.1	16600.7	18591.5	20724.0	22933.3	25208.7	27250.4	28961.4	30455.7
-17.5°	10542.1	12218.4	13946.3	15698.0	17586.9	19587.7	21638.6	23681.2	25422.5	26942.4	28308.9
-20°	9849.6	11464.7	13106.0	14739.0	16452.7	18303.2	20197.4	21991.5	23513.2	24894.3	26144.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627952 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	9073.3	10619.2	12192.3	13720.5	15265.9	16941.5	18633.0	20255.5	21678.9	22860.4	23946.9
-25°	8242.2	9670.6	11156.0	12588.8	14011.2	15512.8	17049.3	18542.1	19794.8	20820.5	21718.4
-27.5°	7404.6	8709.9	10018.7	11367.6	12682.4	14067.9	15459.0	16748.4	17873.1	18817.5	19572.0
-30°	6524.3	7691.3	8886.5	10106.9	11362.4	12630.3	13887.2	15016.2	15997.9	16828.6	17480.7
-32.5°	5792.7	6679.2	7734.4	8842.4	10019.2	11174.5	12267.8	13296.9	14222.0	14947.3	15500.3
-35°	5091.5	5842.2	6632.5	7613.2	8624.3	9687.4	10693.1	11611.5	12436.2	13070.0	13590.1
-37.5°	4488.7	5082.4	5750.8	6450.9	7298.6	8177.4	9085.2	9948.9	10684.2	11237.1	11701.7
-40°	3967.0	4435.7	4969.7	5524.8	6148.4	6779.8	7570.2	8299.1	8899.4	9416.1	9837.1
-42.5°	3495.3	3890.9	4285.2	4740.5	5211.0	5718.6	6273.2	6812.4	7273.0	7705.6	8063.1
-45°	3088.1	3404.1	3718.4	4070.0	4415.6	4828.3	5224.5	5578.1	5951.3	6275.1	6530.0
-47.5°	2732.1	2978.4	3247.9	3511.1	3788.4	4099.3	4394.2	4663.2	4936.6	5173.5	5363.5
-50°	2415.6	2619.8	2839.8	3046.6	3271.0	3498.3	3716.4	3930.4	4138.1	4318.3	4458.5
-52.5°	2138.6	2317.0	2488.4	2653.1	2831.6	2999.9	3157.8	3334.3	3496.8	3638.8	3734.7
-55°	1902.8	2048.5	2188.9	2326.4	2461.4	2589.0	2714.8	2852.0	2977.3	3090.1	3161.6
-57.5°	1681.3	1805.4	1924.3	2036.6	2143.6	2245.0	2351.0	2456.5	2553.1	2638.3	2693.5
-60°	1479.8	1581.1	1684.0	1775.7	1862.1	1943.1	2032.3	2116.7	2194.7	2260.2	2298.4
-62.5°	1295.3	1386.2	1462.1	1534.6	1608.0	1681.0	1744.4	1806.7	1866.8	1917.6	1950.9
-65°	1102.3	1179.3	1244.0	1302.2	1354.8	1411.3	1465.4	1514.3	1557.7	1590.7	1611.8
-67.5°	929.6	986.3	1038.1	1084.4	1131.3	1176.6	1218.2	1255.3	1288.0	1311.0	1326.1
-70°	779.6	822.9	865.3	907.4	949.2	984.5	1014.7	1042.4	1067.5	1078.0	1082.7
-72.5°	647.9	686.2	723.5	760.6	795.4	823.0	845.2	865.5	883.8	868.1	840.5
-75°	528.4	562.2	596.9	629.7	660.4	681.5	698.0	713.1	726.9	692.8	645.8
-77.5°	430.6	460.3	486.0	511.6	536.8	550.3	560.7	571.0	580.9	542.7	494.6
-80°	319.5	343.4	365.2	386.7	407.8	415.8	420.5	423.6	425.4	392.7	355.0
-82.5°	215.8	228.2	240.2	252.7	265.6	272.3	277.4	281.3	284.1	260.9	234.8
-85°	120.9	124.7	127.6	130.1	132.2	136.4	140.4	144.1	147.5	136.6	124.4
-87.5°	41.6	41.6	41.4	41.1	40.6	40.7	40.7	40.6	40.4	38.6	36.8
-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: P627952 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-740-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	0.3	0.6
62.5°	2.7	2.9	3.0	3.0	3.0	2.9	2.7	2.5	2.2	2.0	2.1
60°	5.9	3.6	3.0	3.0	3.0	3.6	5.9	7.6	8.7	11.5	12.4
57.5°	59.4	51.8	46.5	41.8	46.5	51.8	59.4	63.7	64.0	82.8	85.4
55°	395.6	368.3	335.0	295.7	335.0	368.3	395.6	402.8	386.0	352.4	318.1
52.5°	776.0	801.8	816.7	815.4	816.7	801.8	776.0	749.4	724.1	689.2	658.5
50°	1021.4	1035.5	1036.2	1024.5	1036.2	1035.5	1021.4	998.2	969.3	929.1	864.5
47.5°	1496.5	1476.9	1443.1	1406.8	1443.1	1476.9	1496.5	1478.1	1437.4	1352.7	1191.0
45°	2611.3	2674.2	2670.1	2589.6	2670.1	2674.2	2611.3	2497.1	2323.6	2165.7	2051.0
42.5°	3568.7	3662.8	3729.6	3763.4	3729.6	3662.8	3568.7	3453.1	3246.4	3006.7	2751.9
40°	4494.9	4585.9	4625.9	4623.6	4625.9	4585.9	4494.9	4340.1	4065.3	3735.6	3435.0
37.5°	5473.6	5591.3	5648.4	5621.2	5648.4	5591.3	5473.6	5314.5	5069.3	4671.2	4332.5
35°	6819.5	6929.7	6931.7	6875.7	6931.7	6929.7	6819.5	6716.5	6478.6	5977.3	5729.9
32.5°	9794.2	9831.2	9547.9	9447.4	9547.9	9831.2	9794.2	9378.5	8854.7	8351.2	7793.9
30°	12505.9	12767.3	13010.5	13133.2	13010.5	12767.3	12505.9	12171.4	11835.4	10876.1	10002.2
27.5°	14319.9	14634.3	14829.2	14841.6	14829.2	14634.3	14319.9	13916.1	13380.4	12582.2	11636.3
25°	15969.9	16321.6	16534.0	16606.9	16534.0	16321.6	15969.9	15496.7	14872.2	14050.9	13010.1
22.5°	17698.4	18113.0	18387.6	18443.8	18387.6	18113.0	17698.4	17121.0	16440.7	15588.6	14404.0
20°	19704.0	20186.4	20449.8	20439.0	20449.8	20186.4	19704.0	18964.0	18179.6	17164.5	15874.6
17.5°	22344.4	22861.8	23089.2	22989.7	23089.2	22861.8	22344.4	21389.4	20557.9	19342.2	17910.7
15°	26895.7	27978.0	27973.7	27541.7	27973.7	27978.0	26895.7	25802.9	24738.3	23186.5	21498.1
12.5°	32509.7	33316.3	34143.9	34321.8	34143.9	33316.3	32509.7	30876.3	29691.9	27289.2	25322.6
10°	35241.4	36312.7	37019.7	37001.0	37019.7	36312.7	35241.4	33688.1	31843.9	29780.8	27153.0
7.5°	36950.5	38134.0	38990.8	38972.4	38990.8	38134.0	36950.5	35371.9	33345.2	31040.8	28336.4
5°	38269.3	39582.0	40340.9	40397.1	40340.9	39582.0	38269.3	36496.4	34422.9	31953.1	29191.3
2.5°	38954.6	40324.7	41237.0	41116.9	41237.0	40324.7	38954.6	37208.8	35142.0	32599.4	29796.1
0°	39241.2	40597.2	41448.5	41815.8	41448.5	40597.2	39241.2	37502.8	35376.2	32918.0	30092.5
-2.5°	39116.0	40435.5	41376.3	41412.6	41376.3	40435.5	39116.0	37376.3	35230.7	32782.5	30014.4
-5°	38445.8	39838.2	40468.5	40803.3	40468.5	39838.2	38445.8	36722.3	34656.5	32273.8	29633.7
-7.5°	37365.0	38408.4	39209.0	39578.7	39209.0	38408.4	37365.0	35710.1	33738.6	31453.3	28863.4
-10°	35682.9	36763.1	37439.6	37744.8	37439.6	36763.1	35682.9	34261.6	32438.5	30325.2	27896.4
-12.5°	33819.3	34801.1	35444.3	35701.8	35444.3	34801.1	33819.3	32469.6	30834.0	28904.6	26690.9
-15°	31740.2	32631.6	33223.6	33470.6	33223.6	32631.6	31740.2	30455.7	28961.4	27250.4	25208.7
-17.5°	29451.6	30232.6	30822.6	31000.5	30822.6	30232.6	29451.6	28308.9	26942.4	25422.5	23681.2
-20°	27098.2	27804.3	28290.2	28395.9	28290.2	27804.3	27098.2	26144.7	24894.3	23513.2	21991.5



REPORT NUMBER: P627952 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	24726.9	25308.6	25703.2	25836.2	25703.2	25308.6	24726.9	23946.9	22860.4	21678.9	20255.5
-25°	22409.5	22911.6	23229.2	23348.2	23229.2	22911.6	22409.5	21718.4	20820.5	19794.8	18542.1
-27.5°	20180.8	20648.8	20940.5	20979.6	20940.5	20648.8	20180.8	19572.0	18817.5	17873.1	16748.4
-30°	17987.8	18374.4	18599.3	18694.7	18599.3	18374.4	17987.8	17480.7	16828.6	15997.9	15016.2
-32.5°	15938.3	16276.1	16478.1	16532.2	16478.1	16276.1	15938.3	15500.3	14947.3	14222.0	13296.9
-35°	14003.6	14315.5	14494.6	14480.2	14494.6	14315.5	14003.6	13590.1	13070.0	12436.2	11611.5
-37.5°	12085.8	12373.6	12536.1	12520.9	12536.1	12373.6	12085.8	11701.7	11237.1	10684.2	9948.9
-40°	10183.2	10431.5	10574.6	10609.3	10574.6	10431.5	10183.2	9837.1	9416.1	8899.4	8299.1
-42.5°	8360.3	8589.4	8704.0	8658.9	8704.0	8589.4	8360.3	8063.1	7705.6	7273.0	6812.4
-45°	6708.3	6826.8	6904.8	6953.4	6904.8	6826.8	6708.3	6530.0	6275.1	5951.3	5578.1
-47.5°	5502.5	5600.8	5653.8	5663.1	5653.8	5600.8	5502.5	5363.5	5173.5	4936.6	4663.2
-50°	4567.5	4651.0	4687.9	4677.4	4687.9	4651.0	4567.5	4458.5	4318.3	4138.1	3930.4
-52.5°	3803.8	3852.2	3884.9	3900.8	3884.9	3852.2	3803.8	3734.7	3638.8	3496.8	3334.3
-55°	3215.3	3253.0	3275.1	3282.5	3275.1	3253.0	3215.3	3161.6	3090.1	2977.3	2852.0
-57.5°	2739.5	2775.4	2788.4	2783.7	2788.4	2775.4	2739.5	2693.5	2638.3	2553.1	2456.5
-60°	2327.8	2348.3	2363.7	2371.6	2363.7	2348.3	2327.8	2298.4	2260.2	2194.7	2116.7
-62.5°	1977.4	1996.7	2012.8	2022.1	2012.8	1996.7	1977.4	1950.9	1917.6	1866.8	1806.7
-65°	1626.6	1635.1	1637.5	1633.8	1637.5	1635.1	1626.6	1611.8	1590.7	1557.7	1514.3
-67.5°	1337.4	1344.5	1349.3	1350.1	1349.3	1344.5	1337.4	1326.1	1311.0	1288.0	1255.3
-70°	1087.2	1090.2	1086.8	1078.3	1086.8	1090.2	1087.2	1082.7	1078.0	1067.5	1042.4
-72.5°	812.2	782.4	752.7	719.8	752.7	782.4	812.2	840.5	868.1	883.8	865.5
-75°	597.1	546.7	528.4	510.8	528.4	546.7	597.1	645.8	692.8	726.9	713.1
-77.5°	444.1	391.7	377.6	364.4	377.6	391.7	444.1	494.6	542.7	580.9	571.0
-80°	315.5	274.6	265.6	256.9	265.6	274.6	315.5	355.0	392.7	425.4	423.6
-82.5°	207.3	178.8	173.1	167.3	173.1	178.8	207.3	234.8	260.9	284.1	281.3
-85°	111.6	98.2	95.5	92.6	95.5	98.2	111.6	124.4	136.6	147.5	144.1
-87.5°	34.8	32.8	32.9	32.9	32.9	32.8	34.8	36.8	38.6	40.4	40.6
-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: P627952 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-740-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	0.7	1.3	1.9	2.5	2.4	2.3	2.2	2.1
85°	0.0	0.0	0.0	0.8	1.5	2.3	3.0	3.0	3.0	3.0	3.0
82.5°	0.0	0.0	0.1	0.8	1.6	2.3	3.0	3.0	3.0	3.0	3.0
80°	0.0	0.0	0.1	0.9	1.6	2.4	3.0	3.0	3.0	3.0	3.0
77.5°	0.0	0.0	0.2	0.9	1.7	2.4	3.0	3.0	3.0	3.0	3.0
75°	0.0	0.0	0.2	1.0	1.8	2.5	3.0	3.0	3.0	3.0	3.0
72.5°	0.0	0.0	0.2	0.9	1.8	2.6	3.0	3.0	3.0	3.0	3.0
70°	0.0	0.0	0.1	0.1	0.2	0.8	1.7	2.5	2.9	3.0	3.0
67.5°	0.0	0.0	0.5	1.2	1.6	1.5	1.4	1.5	2.3	3.0	3.0
65°	0.7	0.6	0.7	1.5	2.2	3.0	3.1	2.8	2.7	3.1	3.0
62.5°	2.4	3.0	2.8	2.5	2.7	3.8	3.9	4.0	3.7	4.6	6.8
60°	9.8	4.9	10.7	12.5	9.8	9.7	16.9	15.9	6.1	22.4	27.1
57.5°	65.4	60.3	86.6	84.1	50.2	71.8	85.8	57.5	40.0	63.6	76.7
55°	286.0	279.5	272.3	256.5	235.3	219.2	216.0	215.6	171.2	124.2	140.8
52.5°	626.9	558.0	508.8	484.8	450.5	398.6	356.8	348.6	338.1	279.8	231.1
50°	805.2	792.7	739.5	657.7	650.1	598.0	525.5	475.4	469.0	429.0	355.4
47.5°	1156.9	1156.7	1047.5	947.9	918.9	873.5	781.8	646.7	634.3	600.3	518.2
45°	1874.5	1744.2	1683.3	1491.4	1282.8	1202.5	1126.0	963.6	830.8	778.6	720.7
42.5°	2539.7	2346.1	2186.0	1993.7	1763.9	1562.8	1419.1	1240.7	1080.3	969.3	886.5
40°	3162.2	2850.2	2628.3	2386.1	2136.2	1887.0	1709.3	1484.9	1302.1	1153.2	1065.6
37.5°	3940.4	3511.2	3265.0	2888.1	2572.9	2315.4	2087.8	1802.2	1508.5	1387.3	1278.6
35°	5085.6	4577.5	4289.4	3830.9	3193.8	2965.9	2669.2	2241.6	1869.9	1662.3	1528.1
32.5°	7140.1	6380.6	5850.4	5238.0	4394.4	3794.3	3400.2	2924.5	2329.1	2030.4	1807.8
30°	9227.0	8199.9	7457.3	6835.3	5714.3	4829.9	4221.5	3548.2	2906.5	2421.3	2119.1
27.5°	10640.4	9631.2	8706.3	7812.9	6904.9	5878.1	4966.9	4102.3	3400.8	2858.2	2467.7
25°	11880.6	10739.2	9697.4	8729.5	7759.2	6761.2	5657.7	4686.2	3862.5	3241.9	2732.3
22.5°	13108.5	11894.7	10714.2	9588.3	8603.7	7536.1	6370.3	5252.4	4305.7	3662.9	3050.5
20°	14500.5	13102.7	11739.9	10675.6	9554.6	8336.9	7040.2	5974.5	5046.9	4166.2	3398.7
17.5°	16492.5	14624.7	13372.8	12173.8	10717.5	9229.2	8103.7	6986.4	5844.2	4698.0	3763.8
15°	19190.9	17261.4	15827.0	14184.1	12184.1	10647.2	9409.6	8052.8	6699.9	5327.3	4198.6
12.5°	22399.0	20058.1	18368.6	16029.5	13778.8	12116.5	10716.5	9198.0	7536.0	5896.2	4602.9
10°	24417.8	21894.4	19488.5	17242.1	15188.1	13476.2	11718.3	9863.8	8015.3	6325.4	4952.7
7.5°	25490.3	22800.8	20317.7	18071.6	15975.8	13994.1	12121.6	10254.2	8400.8	6660.7	5248.3
5°	26203.1	23473.6	20880.5	18479.4	16336.5	14341.7	12423.1	10518.7	8690.8	6907.9	5489.9
2.5°	26728.8	23911.6	21241.5	18716.2	16537.5	14551.3	12614.6	10672.8	8842.2	7040.4	5574.2
0°	26989.1	24050.1	21373.9	18873.9	16630.8	14596.7	12688.1	10728.7	8876.9	7096.7	5609.3
-2.5°	26936.9	23962.4	21261.0	18869.0	16636.8	14554.4	12698.1	10759.1	8886.5	7138.9	5634.1
-5°	26659.8	23812.9	21132.0	18736.7	16538.3	14454.0	12598.4	10693.3	8816.8	7105.3	5610.5
-7.5°	26098.6	23364.3	20763.8	18433.0	16285.0	14246.8	12396.4	10531.8	8675.7	6989.5	5540.5
-10°	25254.7	22647.5	20174.0	17968.6	15875.7	13908.1	12096.6	10258.9	8442.6	6799.1	5419.2
-12.5°	24210.2	21748.4	19390.2	17337.3	15339.3	13460.3	11690.6	9874.3	8118.7	6534.7	5246.2
-15°	22933.3	20724.0	18591.5	16600.7	14711.1	12891.7	11163.3	9395.3	7706.9	6194.2	5021.6
-17.5°	21638.6	19587.7	17586.9	15698.0	13946.3	12218.4	10542.1	8862.8	7247.3	5827.1	4758.7
-20°	20197.4	18303.2	16452.7	14739.0	13106.0	11464.7	9849.6	8234.6	6721.0	5483.5	4526.0



REPORT NUMBER: P627952 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-740-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°	18633.0	16941.5	15265.9	13720.5	12192.3	10619.2	9073.3	7548.7	6112.8	5098.1	4262.1
-25°	17049.3	15512.8	14011.2	12588.8	11156.0	9670.6	8242.2	6850.3	5663.1	4734.4	3977.3
-27.5°	15459.0	14067.9	12682.4	11367.6	10018.7	8709.9	7404.6	6142.9	5176.2	4386.4	3711.7
-30°	13887.2	12630.3	11362.4	10106.9	8886.5	7691.3	6524.3	5568.6	4728.3	4014.6	3414.7
-32.5°	12267.8	11174.5	10019.2	8842.4	7734.4	6679.2	5792.7	4987.4	4261.0	3672.2	3150.2
-35°	10693.1	9687.4	8624.3	7613.2	6632.5	5842.2	5091.5	4432.9	3852.0	3330.6	2886.6
-37.5°	9085.2	8177.4	7298.6	6450.9	5750.8	5082.4	4488.7	3950.9	3449.0	3034.3	2652.1
-40°	7570.2	6779.8	6148.4	5524.8	4969.7	4435.7	3967.0	3504.9	3117.3	2752.4	2423.4
-42.5°	6273.2	5718.6	5211.0	4740.5	4285.2	3890.9	3495.3	3135.7	2797.4	2491.6	2218.2
-45°	5224.5	4828.3	4415.6	4070.0	3718.4	3404.1	3088.1	2791.8	2507.7	2258.1	2015.7
-47.5°	4394.2	4099.3	3788.4	3511.1	3247.9	2978.4	2732.1	2476.7	2256.4	2034.2	1832.0
-50°	3716.4	3498.3	3271.0	3046.6	2839.8	2619.8	2415.6	2214.7	2020.7	1836.4	1652.4
-52.5°	3157.8	2999.9	2831.6	2653.1	2488.4	2317.0	2138.6	1977.1	1809.9	1647.5	1486.7
-55°	2714.8	2589.0	2461.4	2326.4	2188.9	2048.5	1902.8	1757.6	1613.8	1465.8	1344.5
-57.5°	2351.0	2245.0	2143.6	2036.6	1924.3	1805.4	1681.3	1551.6	1433.9	1322.1	1211.9
-60°	2032.3	1943.1	1862.1	1775.7	1684.0	1581.1	1479.8	1377.9	1275.9	1178.8	1084.3
-62.5°	1744.4	1681.0	1608.0	1534.6	1462.1	1386.2	1295.3	1205.4	1119.0	1035.6	957.6
-65°	1465.4	1411.3	1354.8	1302.2	1244.0	1179.3	1102.3	1032.1	964.2	895.6	831.1
-67.5°	1218.2	1176.6	1131.3	1084.4	1038.1	986.3	929.6	871.3	816.9	760.7	712.6
-70°	1014.7	984.5	949.2	907.4	865.3	822.9	779.6	733.8	684.3	633.9	595.1
-72.5°	845.2	823.0	795.4	760.6	723.5	686.2	647.9	607.2	563.5	516.8	479.6
-75°	698.0	681.5	660.4	629.7	596.9	562.2	528.4	491.2	448.8	400.9	363.2
-77.5°	560.7	550.3	536.8	511.6	486.0	460.3	430.6	387.2	344.2	303.4	275.6
-80°	420.5	415.8	407.8	386.7	365.2	343.4	319.5	286.5	255.0	225.6	202.9
-82.5°	277.4	272.3	265.6	252.7	240.2	228.2	215.8	193.6	171.9	150.6	132.3
-85°	140.4	136.4	132.2	130.1	127.6	124.7	120.9	108.2	96.0	84.5	74.3
-87.5°	40.7	40.7	40.6	41.1	41.4	41.6	41.6	38.5	35.4	32.5	29.6
-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: P627952 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9
85°	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.5	2.3	2.0	1.8
82.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7
80°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
77.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
75°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
72.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
70°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.0	3.0	3.0
67.5°	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.7	3.9	3.0	3.0
65°	3.0	3.0	3.2	4.4	4.1	3.0	3.0	5.8	4.9	4.3	3.0
62.5°	5.9	3.0	7.8	10.4	6.7	5.4	4.4	12.5	8.0	5.7	4.1
60°	13.5	11.0	20.8	31.9	22.9	8.9	13.1	21.4	19.8	7.2	5.7
57.5°	69.2	31.5	46.6	60.7	57.8	32.5	26.4	36.6	33.3	19.5	7.7
55°	143.4	122.0	97.1	96.5	97.6	77.2	54.9	56.8	50.3	35.7	11.4
52.5°	217.9	211.3	188.1	153.2	140.7	127.1	104.0	80.4	74.6	53.3	28.1
50°	310.8	293.8	275.4	239.7	194.3	176.5	152.6	122.7	101.5	74.5	46.5
47.5°	416.9	387.3	359.6	325.1	275.4	228.5	201.9	166.5	131.2	102.3	65.0
45°	582.5	486.4	448.9	408.9	357.8	299.3	253.3	209.7	169.9	130.2	83.7
42.5°	752.6	618.9	540.5	495.4	441.8	375.9	306.6	257.8	208.2	158.1	105.8
40°	923.8	758.3	639.5	583.2	528.8	452.3	374.6	307.9	245.6	187.0	129.9
37.5°	1108.8	914.3	753.6	674.5	617.1	534.5	443.7	359.2	284.0	218.4	153.7
35°	1339.0	1099.3	877.8	780.0	703.1	618.4	511.9	414.9	329.9	249.9	177.2
32.5°	1597.9	1303.5	1055.8	895.1	790.4	703.8	584.7	477.5	377.0	281.4	200.3
30°	1855.3	1513.7	1224.7	1009.2	883.3	783.7	662.3	540.7	425.2	312.9	223.8
27.5°	2051.9	1695.0	1382.9	1146.2	986.0	863.3	739.6	604.1	474.1	347.5	249.5
25°	2252.6	1863.0	1536.2	1280.3	1086.8	944.5	813.9	667.5	526.1	387.3	274.6
22.5°	2487.1	2022.5	1665.6	1401.4	1193.5	1027.0	884.8	731.8	578.8	426.8	299.1
20°	2716.4	2169.6	1784.7	1542.8	1310.1	1119.0	954.3	793.0	630.3	465.6	322.7
17.5°	2951.6	2376.2	1982.3	1689.2	1430.5	1209.9	1023.0	851.1	680.4	503.4	345.4
15°	3305.9	2652.4	2181.6	1833.7	1547.0	1299.1	1090.3	905.8	728.6	539.9	365.6
12.5°	3639.8	2912.4	2374.9	1975.0	1658.7	1385.5	1155.5	957.0	774.7	570.1	382.4
10°	3935.0	3154.4	2560.1	2111.3	1764.8	1468.5	1218.0	997.3	801.9	594.3	397.5
7.5°	4191.9	3376.5	2734.8	2240.9	1855.4	1524.6	1249.9	1018.3	822.6	615.5	410.7
5°	4388.4	3527.5	2830.8	2292.7	1889.4	1550.3	1272.7	1035.4	839.1	633.7	422.1
2.5°	4453.4	3577.8	2868.8	2322.0	1914.2	1568.7	1290.2	1048.3	851.6	648.6	431.5
0°	4483.3	3602.1	2888.3	2338.7	1929.5	1580.0	1302.3	1057.3	860.2	660.1	439.1
-2.5°	4516.3	3635.2	2915.7	2364.7	1945.6	1595.5	1315.1	1071.3	872.6	673.0	451.8
-5°	4513.9	3641.5	2924.6	2377.3	1951.9	1603.8	1322.4	1081.3	881.6	682.4	462.3
-7.5°	4466.2	3613.2	2913.3	2374.8	1948.4	1604.7	1324.4	1087.2	887.1	688.4	470.6
-10°	4380.9	3554.6	2880.5	2353.2	1935.5	1597.7	1321.2	1089.0	889.3	691.0	476.5
-12.5°	4260.7	3471.2	2827.7	2318.1	1912.5	1582.7	1311.5	1083.9	887.9	690.1	479.9
-15°	4106.2	3363.9	2754.8	2269.4	1879.3	1560.5	1296.0	1073.4	880.2	685.1	480.6
-17.5°	3919.5	3233.5	2661.6	2207.2	1835.7	1530.9	1274.7	1058.8	869.7	676.3	479.7
-20°	3746.1	3096.2	2554.3	2131.9	1781.8	1494.2	1247.5	1040.3	856.6	665.2	477.4

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Scaled Data Report



REPORT NUMBER: P627952 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	3552.3	2953.5	2459.1	2059.7	1724.8	1450.3	1214.4	1017.7	841.0	652.1	473.1
-25°	3330.6	2791.9	2350.4	1979.3	1669.4	1408.3	1180.5	991.2	823.1	637.2	466.8
-27.5°	3122.2	2625.2	2228.5	1886.6	1605.3	1360.1	1146.9	966.7	802.4	620.6	458.5
-30°	2909.5	2480.0	2111.7	1789.5	1534.6	1306.1	1109.1	940.4	779.1	605.9	448.3
-32.5°	2693.4	2321.9	1986.5	1705.4	1466.2	1248.3	1067.9	912.2	754.8	591.5	439.9
-35°	2507.6	2166.2	1852.2	1614.9	1396.1	1198.9	1026.7	882.3	729.6	575.1	430.7
-37.5°	2309.9	2008.2	1747.6	1524.9	1321.0	1145.0	987.3	847.1	703.8	556.8	419.6
-40°	2132.9	1860.9	1635.0	1438.0	1253.3	1086.8	943.2	809.5	679.7	536.7	406.7
-42.5°	1952.5	1727.0	1525.2	1344.5	1185.2	1033.4	895.4	769.4	648.4	518.0	391.9
-45°	1794.7	1589.9	1411.6	1259.5	1114.2	975.2	848.5	727.8	614.9	498.9	376.4
-47.5°	1631.5	1457.7	1305.6	1170.8	1044.2	914.8	799.1	689.2	580.2	477.5	360.6
-50°	1479.4	1332.5	1205.9	1085.2	967.0	858.3	749.7	649.5	548.6	449.4	342.8
-52.5°	1344.0	1221.6	1109.0	999.0	897.6	799.3	705.4	609.2	515.6	421.5	323.1
-55°	1224.4	1115.3	1013.9	918.8	827.9	746.8	660.2	571.2	481.3	392.7	302.0
-57.5°	1109.9	1011.6	925.4	840.8	763.4	692.8	616.0	531.8	446.6	362.4	283.3
-60°	994.7	915.6	838.9	768.0	701.0	637.0	571.7	491.3	410.7	331.3	260.8
-62.5°	884.4	818.0	759.0	696.6	635.3	578.8	525.9	449.4	373.3	300.6	235.7
-65°	776.0	725.2	677.7	619.0	565.6	518.5	474.6	405.9	334.0	267.9	209.5
-67.5°	668.8	627.0	584.4	536.8	497.2	458.8	419.9	357.7	292.4	233.4	183.0
-70°	560.5	525.0	494.7	464.5	431.6	397.7	358.9	305.9	248.7	200.7	155.6
-72.5°	454.5	432.7	414.6	393.3	365.4	333.3	296.9	253.7	209.2	167.1	127.4
-75°	350.0	345.5	340.1	326.3	299.6	269.5	240.2	207.0	168.7	132.5	103.8
-77.5°	275.7	273.8	270.1	260.4	237.1	212.6	187.0	159.2	130.1	105.2	81.6
-80°	204.2	203.9	202.2	196.3	176.3	155.5	137.7	119.9	98.6	78.2	58.9
-82.5°	134.2	136.2	137.1	135.3	121.7	108.5	95.7	83.0	66.5	50.8	39.3
-85°	76.7	78.1	78.5	77.5	69.2	61.1	55.7	50.3	41.5	33.6	26.4
-87.5°	31.8	33.6	35.0	36.0	33.3	30.6	27.9	25.2	20.8	16.8	13.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627952 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
80°	3.0	2.6	2.1	1.6	1.0	0.5	0.0
77.5°	3.0	3.0	2.6	1.9	1.3	0.6	0.0
75°	3.0	3.0	3.0	2.3	1.6	0.8	0.0
72.5°	3.0	3.0	3.0	2.7	1.8	0.9	0.0
70°	3.0	3.0	3.0	3.0	2.0	1.0	0.0
67.5°	3.3	3.0	3.0	3.0	2.3	1.1	0.0
65°	3.6	3.3	3.0	3.0	2.5	1.3	0.0
62.5°	4.1	4.0	3.0	3.0	2.8	1.4	0.0
60°	4.7	4.8	3.0	3.0	3.0	1.5	0.0
57.5°	8.1	5.6	3.8	3.0	3.0	1.6	0.0
55°	12.4	6.6	4.7	3.0	3.1	1.7	0.0
52.5°	17.3	8.2	5.7	3.0	3.1	1.8	0.0
50°	22.8	13.4	6.7	3.0	3.2	1.9	0.0
47.5°	30.4	18.9	7.7	3.2	3.3	2.0	0.0
45°	46.6	24.8	8.8	4.0	3.4	2.1	0.0
42.5°	62.7	31.0	9.9	4.8	3.5	2.2	0.0
40°	78.7	37.6	13.0	5.9	3.6	2.3	0.0
37.5°	94.6	44.4	18.1	7.2	3.7	2.4	0.0
35°	110.4	55.2	23.3	8.6	3.8	2.5	0.0
32.5°	127.1	67.7	28.5	10.1	4.0	2.5	0.0
30°	145.8	79.8	33.8	11.7	4.1	2.6	0.0
27.5°	163.9	91.6	39.8	13.4	4.2	2.7	0.0
25°	181.3	103.0	45.8	15.2	4.4	2.7	0.0
22.5°	198.0	114.0	51.7	17.0	4.6	2.8	0.0
20°	214.0	124.8	57.4	18.9	4.7	2.8	0.0
17.5°	228.8	134.9	62.8	20.8	4.9	2.9	0.0
15°	242.3	144.4	68.0	22.7	5.1	2.9	0.0
12.5°	254.7	153.1	73.0	24.5	5.2	2.9	0.0
10°	266.0	161.1	77.7	26.4	5.4	3.0	0.0
7.5°	276.1	168.4	82.0	28.2	5.6	3.0	0.0
5°	284.9	174.8	85.9	29.9	5.7	3.0	0.0
2.5°	292.4	180.5	89.5	31.4	5.9	3.0	0.0
0°	298.7	185.2	92.6	32.9	6.0	3.0	0.0
-2.5°	306.8	191.0	96.8	35.0	6.9	3.2	0.0
-5°	313.6	195.9	100.6	36.9	7.8	3.4	0.0
-7.5°	318.9	199.9	103.8	38.6	8.7	3.6	0.0
-10°	322.7	202.9	106.4	40.1	9.5	3.7	0.0
-12.5°	324.9	204.8	108.3	41.4	10.3	3.9	0.0
-15°	325.6	205.8	109.6	42.5	11.0	4.0	0.0
-17.5°	324.7	205.6	110.2	43.3	11.7	4.1	0.0
-20°	323.7	204.5	110.1	43.8	12.3	4.2	0.0

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CATALOG NUMBER: GFLD-SA6D-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	323.9	202.2	109.2	44.1	12.9	4.3	0.0
-25°	322.4	201.5	107.5	44.1	13.3	4.4	0.0
-27.5°	319.4	200.6	105.0	43.7	13.7	4.5	0.0
-30°	314.7	198.5	102.0	43.1	14.1	4.5	0.0
-32.5°	308.3	195.1	100.7	42.2	14.3	4.5	0.0
-35°	302.3	190.4	98.6	41.0	14.4	4.5	0.0
-37.5°	295.5	185.3	95.7	39.4	14.5	4.5	0.0
-40°	286.9	180.8	91.9	37.6	14.4	4.5	0.0
-42.5°	276.8	175.1	89.1	35.8	14.3	4.4	0.0
-45°	265.0	168.3	87.4	34.5	14.1	4.3	0.0
-47.5°	251.6	160.3	84.7	32.6	13.7	4.2	0.0
-50°	239.9	151.3	81.2	32.0	13.3	4.1	0.0
-52.5°	227.3	141.1	76.7	31.6	12.8	4.0	0.0
-55°	213.3	132.8	71.4	30.7	12.2	3.8	0.0
-57.5°	197.9	123.8	65.3	29.5	11.5	3.6	0.0
-60°	181.5	113.6	58.5	27.9	10.7	3.4	0.0
-62.5°	165.6	102.1	54.5	25.9	10.1	3.2	0.0
-65°	148.1	89.6	49.8	23.6	9.3	3.0	0.0
-67.5°	129.2	78.4	44.5	21.0	8.6	2.7	0.0
-70°	108.9	68.8	38.7	18.1	7.8	2.5	0.0
-72.5°	92.6	58.4	32.4	15.9	6.9	2.2	0.0
-75°	76.0	47.3	25.8	13.9	6.0	1.9	0.0
-77.5°	58.6	35.6	21.3	11.8	5.1	1.6	0.0
-80°	40.4	27.2	17.2	9.5	4.1	1.3	0.0
-82.5°	29.8	20.6	13.1	7.2	3.1	1.0	0.0
-85°	20.0	13.8	8.8	4.8	2.1	0.6	0.0
-87.5°	10.0	6.9	4.4	2.4	1.0	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)