

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: P627833 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-740-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627833 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6B-740-U-WR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N148  
Light Source: (96) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

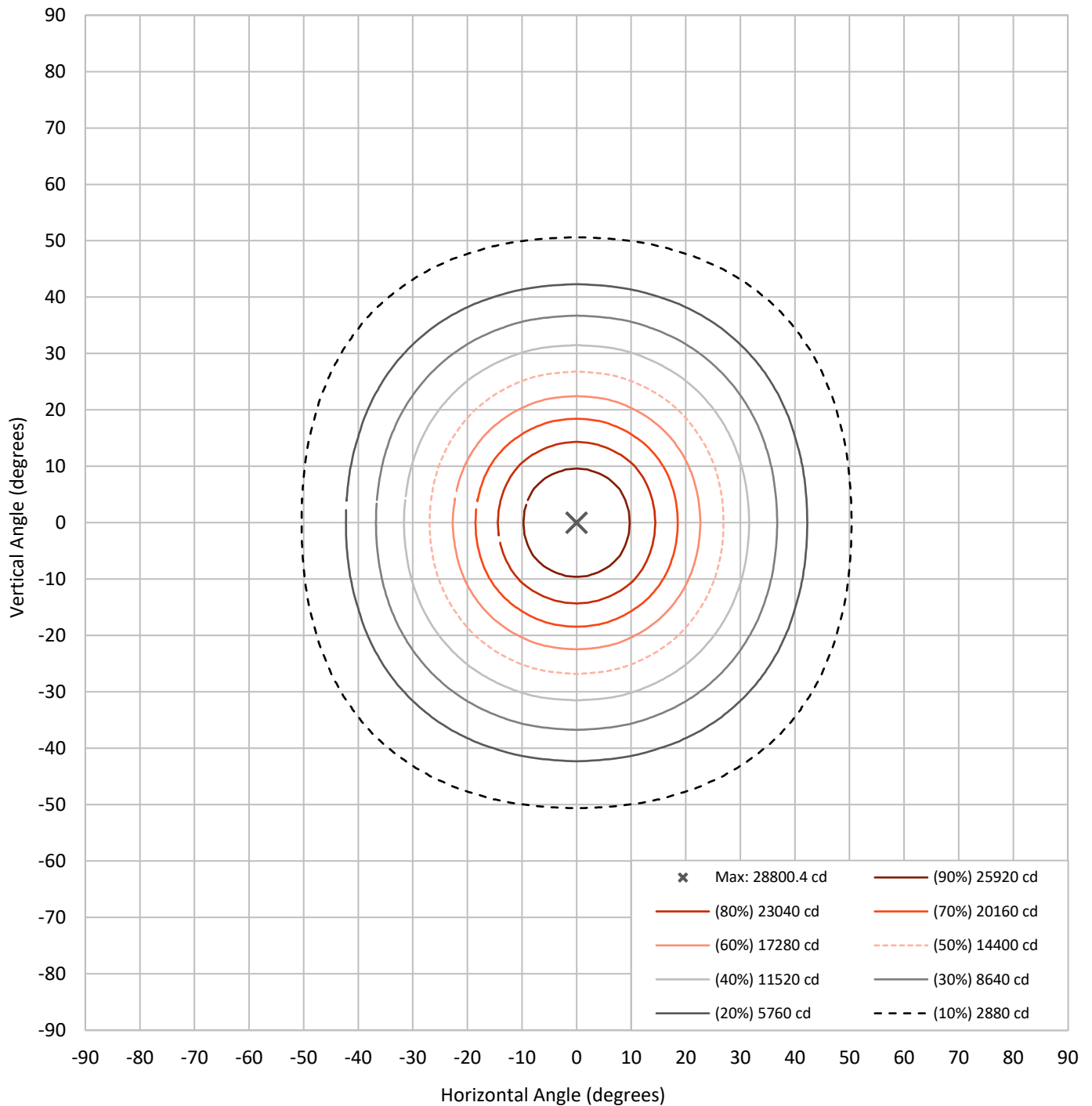
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	29312.1 lumens	Max Intensity:	28800.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	153.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	14015.2 lumens	Field Lumens:	25868.9 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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





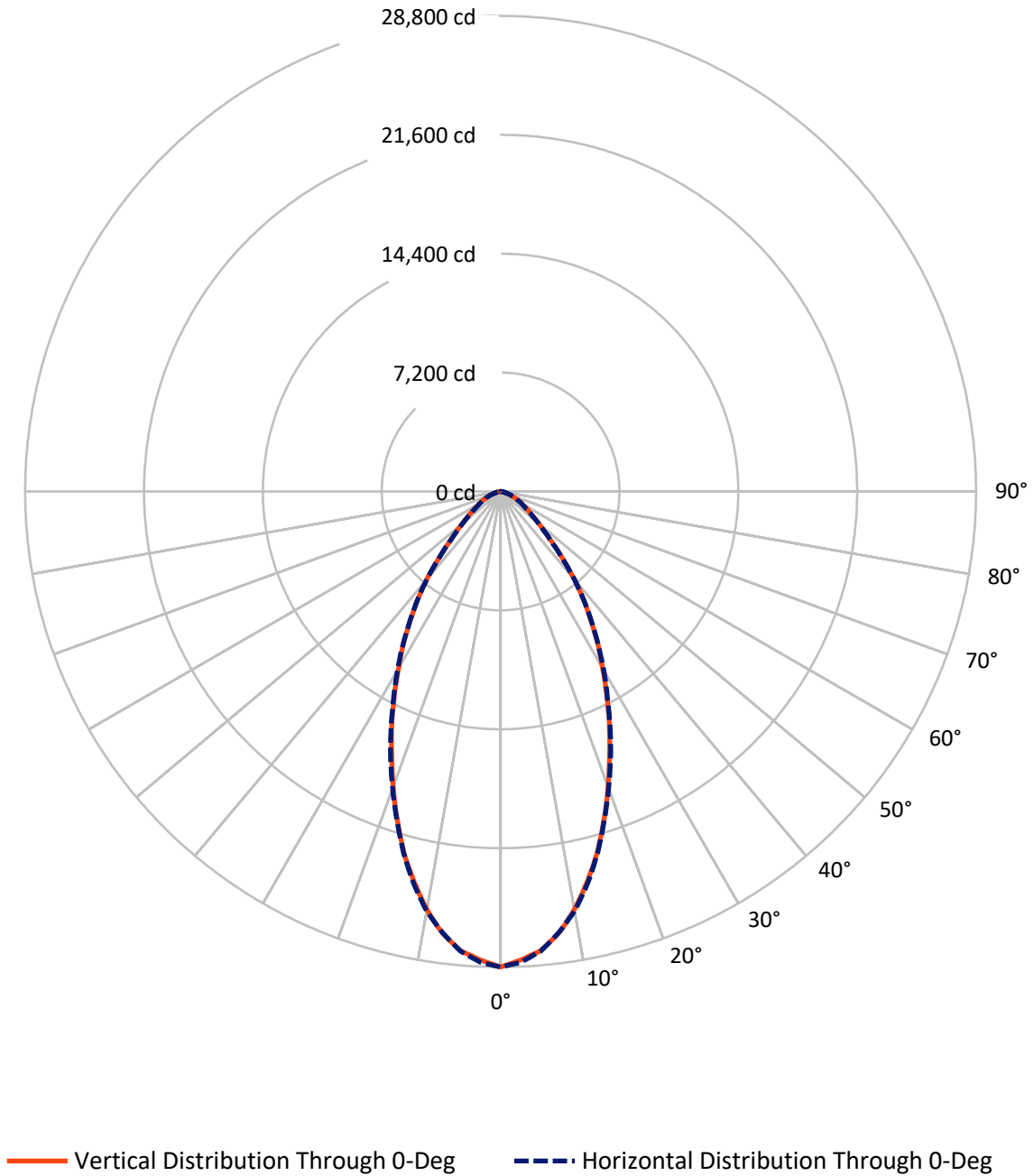
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### Lumen Table

90																			
80	1.1	8.1		18.4		30.7		26.3		30.7		18.4		8.1		1.1			
70																			
60	3.8	4.5	8.4	13.5	19.5	25.4	29.8	31.9	31.9	29.8	25.4	19.5	13.5	8.4	4.5	3.8			
50		6.3	12.7	22.0	33.7	46.4	57.9	64.6	64.6	57.9	46.4	33.7	22.0	12.7	6.3				
40	5.6	8.1	17.5	32.8	55.3	85.1	117.3	138.8	138.8	117.3	85.1	55.3	32.8	17.5	8.1	5.6			
30		9.8	23.0	47.7	92.9	165.0	239.7	284.3	284.3	239.7	165.0	92.9	47.7	23.0	9.8				
20	6.6	11.5	28.7	66.8	150.2	270.0	386.3	461.8	461.8	386.3	270.0	150.2	66.8	28.7	11.5	6.6			
10		12.7	33.6	86.6	205.0	364.5	538.2	662.1	662.1	538.2	364.5	205.0	86.6	33.6	12.7				
0	7.0	13.4	36.4	99.5	236.0	423.8	644.9	811.1	811.1	644.9	423.8	236.0	99.5	36.4	13.4	7.0			
-10		13.4	36.4	99.5	236.0	423.8	644.9	811.1	811.1	644.9	423.8	236.0	99.5	36.4	13.4				
-20	6.6	12.7	33.6	86.6	205.0	364.5	538.2	662.1	662.1	538.2	364.5	205.0	86.6	33.6	12.7	6.6			
-30		11.5	28.7	66.8	150.2	270.0	386.3	461.8	461.8	386.3	270.0	150.2	66.8	28.7	11.5				
-40	5.6	9.8	23.0	47.7	92.9	165.0	239.7	284.3	284.3	239.7	165.0	92.9	47.7	23.0	9.8	5.6			
-50		8.1	17.5	32.8	55.3	85.1	117.3	138.8	138.8	117.3	85.1	55.3	32.8	17.5	8.1				
-60	3.8	6.3	12.7	22.0	33.7	46.4	57.9	64.6	64.6	57.9	46.4	33.7	22.0	12.7	6.3	3.8			
-70		4.5	8.4	13.5	19.5	25.4	29.8	31.9	31.9	29.8	25.4	19.5	13.5	8.4	4.5				
-80																			
-90	1.1	8.1		18.4		30.7		26.3		30.7		18.4		8.1		1.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

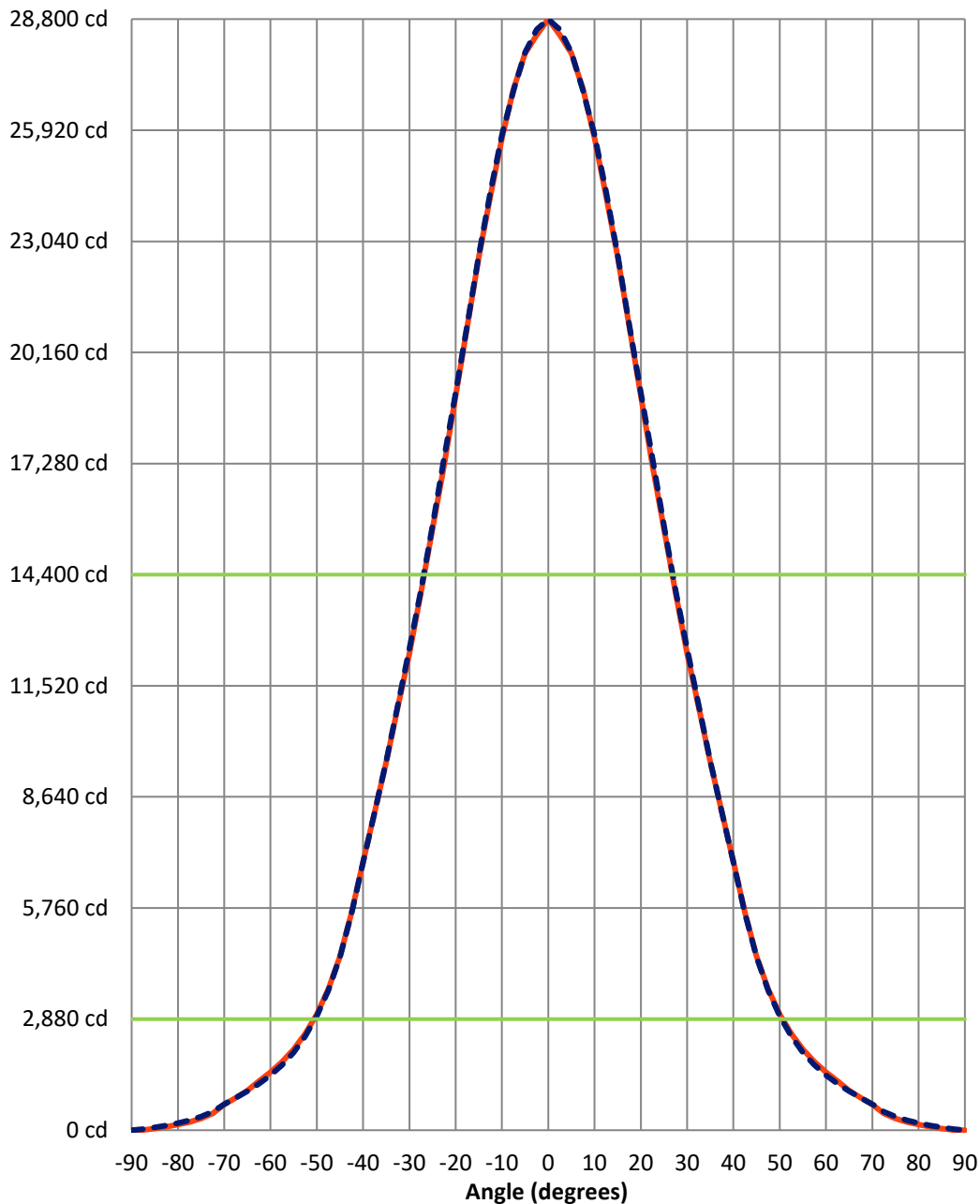
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 14015.2  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 25868.9  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 3443.1  
 Efficiency: 11.7%

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

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Scaled Data Report



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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	1.5	3.4	5.5	7.9	10.7	13.7	15.1	16.4	17.3	18.1
85°	0.0	2.9	6.7	11.0	15.9	21.3	27.3	30.3	32.7	34.7	36.1
82.5°	0.0	4.4	10.1	16.5	23.7	31.9	40.8	45.4	50.1	58.0	65.1
80°	0.0	5.8	13.4	21.9	31.5	42.3	55.5	68.9	80.6	91.1	100.4
77.5°	0.0	7.2	16.6	27.2	39.2	55.0	79.2	96.6	111.2	124.2	137.2
75°	0.0	8.6	19.8	32.4	47.4	71.9	102.3	124.2	141.7	159.4	178.4
72.5°	0.0	10.0	23.0	37.6	58.8	88.3	124.6	151.3	172.3	194.9	218.9
70°	0.0	11.4	26.0	42.9	69.7	104.1	145.7	176.9	202.4	229.8	262.0
67.5°	0.0	12.7	29.0	49.6	80.2	119.1	164.1	201.9	231.9	265.9	304.5
65°	0.0	14.0	31.9	56.0	90.1	132.9	181.6	226.4	261.1	300.7	344.8
62.5°	0.0	15.2	34.6	62.0	99.5	145.6	198.1	249.6	289.0	334.0	382.2
60°	0.0	16.5	37.3	67.7	108.2	157.5	213.5	271.6	315.6	366.3	418.5
57.5°	0.0	17.6	40.5	73.1	116.4	168.5	227.5	291.4	342.6	397.5	452.0
55°	0.0	18.7	43.7	78.0	124.0	178.7	240.4	307.2	369.0	427.3	483.9
52.5°	0.0	19.8	46.6	82.5	130.9	188.0	252.2	324.4	394.2	455.8	515.3
50°	0.0	20.8	49.5	86.5	137.2	196.6	262.8	340.5	418.7	483.6	549.6
47.5°	0.0	21.8	52.2	90.2	142.9	204.3	272.8	355.2	442.8	510.6	583.3
45°	0.0	22.7	54.8	93.9	147.9	211.1	284.0	368.4	460.1	539.8	615.9
42.5°	0.0	23.6	57.3	97.1	152.2	217.1	293.9	381.4	475.9	568.0	649.6
40°	0.0	24.3	59.6	100.7	156.0	222.1	302.6	394.0	491.5	594.2	682.3
37.5°	0.0	25.1	61.7	104.3	159.5	226.2	310.1	405.3	508.7	614.9	713.2
35°	0.0	25.7	63.7	107.7	162.3	230.8	316.3	415.5	525.1	637.6	744.9
32.5°	0.0	26.3	65.5	110.7	164.4	235.2	322.0	424.4	540.8	660.7	777.3
30°	0.0	26.9	67.1	113.4	165.9	238.6	328.4	433.0	555.6	684.0	807.9
27.5°	0.0	27.4	68.6	115.8	169.5	241.0	333.6	443.7	571.0	707.3	836.5
25°	0.0	27.8	69.9	118.0	172.9	242.5	337.6	453.3	588.3	730.3	863.2
22.5°	0.0	28.1	71.0	119.8	175.9	244.4	340.4	461.8	604.7	751.3	892.5
20°	0.0	28.4	72.0	121.2	178.5	248.9	342.1	468.9	620.2	770.2	918.6
17.5°	0.0	28.6	72.8	122.4	180.6	252.5	345.9	474.7	634.5	786.9	941.6
15°	0.0	28.8	73.4	123.3	182.4	255.4	350.5	480.1	647.3	801.3	961.4
12.5°	0.0	28.9	73.8	123.8	183.6	257.5	353.9	485.0	658.2	813.3	977.8
10°	0.0	28.9	74.0	124.1	184.5	258.8	355.9	487.7	666.7	823.3	991.1
7.5°	0.0	28.9	74.1	124.0	184.9	259.3	356.8	488.3	672.6	831.0	1001.5
5°	0.0	28.8	74.0	123.7	184.8	259.1	356.4	486.9	675.9	836.3	1008.4
2.5°	0.0	28.7	73.7	123.0	184.2	258.2	354.8	483.5	676.3	838.8	1011.8
0°	0.0	28.5	73.3	122.1	183.2	256.5	352.1	478.3	673.8	838.6	1011.6
-2.5°	0.0	28.7	73.7	123.0	184.2	258.2	354.8	483.5	676.3	838.8	1011.8
-5°	0.0	28.8	74.0	123.7	184.8	259.1	356.4	486.9	675.9	836.3	1008.4
-7.5°	0.0	28.9	74.1	124.0	184.9	259.3	356.8	488.3	672.6	831.0	1001.5
-10°	0.0	28.9	74.0	124.1	184.5	258.8	355.9	487.7	666.7	823.3	991.1
-12.5°	0.0	28.9	73.8	123.8	183.6	257.5	353.9	485.0	658.2	813.3	977.8
-15°	0.0	28.8	73.4	123.3	182.4	255.4	350.5	480.1	647.3	801.3	961.4
-17.5°	0.0	28.6	72.8	122.4	180.6	252.5	345.9	474.7	634.5	786.9	941.6
-20°	0.0	28.4	72.0	121.2	178.5	248.9	342.1	468.9	620.2	770.2	918.6



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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	28.1	71.0	119.8	175.9	244.4	340.4	461.8	604.7	751.3	892.5
-25°	0.0	27.8	69.9	118.0	172.9	242.5	337.6	453.3	588.3	730.3	863.2
-27.5°	0.0	27.4	68.6	115.8	169.5	241.0	333.6	443.7	571.0	707.3	836.5
-30°	0.0	26.9	67.1	113.4	165.9	238.6	328.4	433.0	555.6	684.0	807.9
-32.5°	0.0	26.3	65.5	110.7	164.4	235.2	322.0	424.4	540.8	660.7	777.3
-35°	0.0	25.7	63.7	107.7	162.3	230.8	316.3	415.5	525.1	637.6	744.9
-37.5°	0.0	25.1	61.7	104.3	159.5	226.2	310.1	405.3	508.7	614.9	713.2
-40°	0.0	24.3	59.6	100.7	156.0	222.1	302.6	394.0	491.5	594.2	682.3
-42.5°	0.0	23.6	57.3	97.1	152.2	217.1	293.9	381.4	475.9	568.0	649.6
-45°	0.0	22.7	54.8	93.9	147.9	211.1	284.0	368.4	460.1	539.8	615.9
-47.5°	0.0	21.8	52.2	90.2	142.9	204.3	272.8	355.2	442.8	510.6	583.3
-50°	0.0	20.8	49.5	86.5	137.2	196.6	262.8	340.5	418.7	483.6	549.6
-52.5°	0.0	19.8	46.6	82.5	130.9	188.0	252.2	324.4	394.2	455.8	515.3
-55°	0.0	18.7	43.7	78.0	124.0	178.7	240.4	307.2	369.0	427.3	483.9
-57.5°	0.0	17.6	40.5	73.1	116.4	168.5	227.5	291.4	342.6	397.5	452.0
-60°	0.0	16.5	37.3	67.7	108.2	157.5	213.5	271.6	315.6	366.3	418.5
-62.5°	0.0	15.2	34.6	62.0	99.5	145.6	198.1	249.6	289.0	334.0	382.2
-65°	0.0	14.0	31.9	56.0	90.1	132.9	181.6	226.4	261.1	300.7	344.8
-67.5°	0.0	12.7	29.0	49.6	80.2	119.1	164.1	201.9	231.9	265.9	304.5
-70°	0.0	11.4	26.0	42.9	69.7	104.1	145.7	176.9	202.4	229.8	262.0
-72.5°	0.0	10.0	23.0	37.6	58.8	88.3	124.6	151.3	172.3	194.9	218.9
-75°	0.0	8.6	19.8	32.4	47.4	71.9	102.3	124.2	141.7	159.4	178.4
-77.5°	0.0	7.2	16.6	27.2	39.2	55.0	79.2	96.6	111.2	124.2	137.2
-80°	0.0	5.8	13.4	21.9	31.5	42.3	55.5	68.9	80.6	91.1	100.4
-82.5°	0.0	4.4	10.1	16.5	23.7	31.9	40.8	45.4	50.1	58.0	65.1
-85°	0.0	2.9	6.7	11.0	15.9	21.3	27.3	30.3	32.7	34.7	36.1
-87.5°	0.0	1.5	3.4	5.5	7.9	10.7	13.7	15.1	16.4	17.3	18.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	18.3	18.3	18.0	17.5	16.7	15.7	14.4	13.0	13.5	14.0	14.5
85°	36.7	36.7	39.7	42.5	43.9	44.0	43.2	41.3	46.7	52.8	59.3
82.5°	71.6	77.9	83.8	89.3	89.9	88.4	85.7	82.5	93.4	106.5	120.3
80°	109.8	119.0	129.6	139.5	141.8	140.8	137.7	132.7	147.0	167.3	189.2
77.5°	152.4	167.0	180.5	193.0	196.7	196.1	193.8	189.8	208.0	236.2	265.4
75°	197.4	215.0	232.5	247.8	254.4	254.9	254.1	258.4	282.5	315.4	344.4
72.5°	244.2	266.6	286.3	303.3	313.8	321.8	332.5	345.5	369.8	402.1	430.6
70°	293.7	318.6	339.4	358.1	374.3	391.8	414.4	436.7	462.3	494.5	524.1
67.5°	342.6	367.8	391.3	414.3	443.7	471.9	499.9	529.1	561.4	595.2	625.2
65°	387.9	416.4	445.0	478.4	516.7	548.6	583.2	621.2	663.4	701.6	736.3
62.5°	431.3	463.5	498.9	539.3	580.7	620.7	667.1	715.9	765.3	813.1	860.6
60°	468.0	508.1	551.0	596.7	644.5	699.0	753.4	811.4	870.4	928.0	986.7
57.5°	503.3	552.8	602.3	655.5	715.1	777.4	842.7	908.1	978.6	1048.2	1114.8
55°	539.9	598.3	654.6	717.7	786.0	859.1	932.8	1012.1	1089.9	1177.6	1258.6
52.5°	579.1	642.5	708.8	780.9	860.7	943.1	1029.5	1120.4	1217.3	1314.9	1413.8
50°	617.2	688.8	762.6	848.8	938.0	1032.1	1132.0	1237.9	1350.7	1463.6	1583.4
47.5°	657.1	733.6	823.6	917.3	1019.4	1126.6	1239.7	1365.6	1491.0	1633.2	1770.5
45°	696.5	784.4	882.1	990.9	1103.1	1223.8	1358.2	1496.5	1656.6	1817.2	1997.6
42.5°	734.3	835.7	945.9	1062.2	1189.9	1328.6	1477.4	1651.3	1831.8	2030.6	2242.3
40°	777.7	884.6	1008.8	1138.9	1277.2	1435.7	1614.8	1807.8	2028.0	2263.5	2504.1
37.5°	819.8	939.9	1070.8	1211.9	1372.5	1551.1	1748.8	1985.4	2239.5	2507.2	2834.5
35°	859.3	992.5	1134.8	1289.3	1463.2	1670.2	1906.6	2168.1	2460.9	2806.2	3188.0
32.5°	901.2	1042.3	1195.1	1368.5	1565.4	1791.4	2060.0	2367.8	2714.3	3107.5	3585.3
30°	943.5	1093.6	1255.0	1442.7	1661.7	1923.3	2228.4	2568.7	2967.2	3460.4	4021.3
27.5°	982.6	1141.5	1318.3	1521.2	1755.3	2044.8	2390.3	2789.1	3258.7	3816.0	4471.2
25°	1018.5	1185.1	1376.6	1596.1	1858.6	2176.2	2550.7	2992.3	3550.3	4214.9	5020.9
22.5°	1052.7	1224.8	1429.2	1663.4	1951.7	2303.2	2724.8	3230.1	3847.0	4592.8	5559.4
20°	1084.8	1267.8	1481.4	1727.8	2034.8	2417.9	2884.8	3452.0	4154.0	5036.9	6087.4
17.5°	1113.0	1305.7	1530.8	1797.4	2127.5	2534.5	3035.7	3648.0	4427.4	5433.6	6574.7
15°	1137.3	1338.4	1573.6	1857.7	2211.0	2650.4	3194.2	3862.9	4712.5	5794.3	7002.5
12.5°	1157.5	1365.8	1609.5	1908.4	2281.1	2748.4	3329.4	4054.5	4990.2	6134.1	7378.1
10°	1173.6	1387.7	1638.4	1949.3	2337.6	2827.9	3440.9	4211.1	5221.3	6425.3	7695.9
7.5°	1187.0	1404.9	1660.6	1980.4	2380.4	2888.7	3527.7	4332.1	5402.0	6656.0	7939.7
5°	1196.5	1417.2	1677.4	2002.1	2411.8	2931.1	3588.4	4416.6	5530.5	6823.0	8106.4
2.5°	1201.9	1423.9	1687.1	2013.7	2431.1	2955.1	3620.3	4469.7	5601.1	6918.4	8207.2
0°	1203.0	1424.9	1689.5	2015.2	2436.5	2959.6	3625.2	4486.3	5616.0	6943.1	8243.8
-2.5°	1201.9	1423.9	1687.1	2013.7	2431.1	2955.1	3620.3	4469.7	5601.1	6918.4	8207.2
-5°	1196.5	1417.2	1677.4	2002.1	2411.8	2931.1	3588.4	4416.6	5530.5	6823.0	8106.4
-7.5°	1187.0	1404.9	1660.6	1980.4	2380.4	2888.7	3527.7	4332.1	5402.0	6656.0	7939.7
-10°	1173.6	1387.7	1638.4	1949.3	2337.6	2827.9	3440.9	4211.1	5221.3	6425.3	7695.9
-12.5°	1157.5	1365.8	1609.5	1908.4	2281.1	2748.4	3329.4	4054.5	4990.2	6134.1	7378.1
-15°	1137.3	1338.4	1573.6	1857.7	2211.0	2650.4	3194.2	3862.9	4712.5	5794.3	7002.5
-17.5°	1113.0	1305.7	1530.8	1797.4	2127.5	2534.5	3035.7	3648.0	4427.4	5433.6	6574.7
-20°	1084.8	1267.8	1481.4	1727.8	2034.8	2417.9	2884.8	3452.0	4154.0	5036.9	6087.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627833 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1052.7	1224.8	1429.2	1663.4	1951.7	2303.2	2724.8	3230.1	3847.0	4592.8	5559.4
-25°	1018.5	1185.1	1376.6	1596.1	1858.6	2176.2	2550.7	2992.3	3550.3	4214.9	5020.9
-27.5°	982.6	1141.5	1318.3	1521.2	1755.3	2044.8	2390.3	2789.1	3258.7	3816.0	4471.2
-30°	943.5	1093.6	1255.0	1442.7	1661.7	1923.3	2228.4	2568.7	2967.2	3460.4	4021.3
-32.5°	901.2	1042.3	1195.1	1368.5	1565.4	1791.4	2060.0	2367.8	2714.3	3107.5	3585.3
-35°	859.3	992.5	1134.8	1289.3	1463.2	1670.2	1906.6	2168.1	2460.9	2806.2	3188.0
-37.5°	819.8	939.9	1070.8	1211.9	1372.5	1551.1	1748.8	1985.4	2239.5	2507.2	2834.5
-40°	777.7	884.6	1008.8	1138.9	1277.2	1435.7	1614.8	1807.8	2028.0	2263.5	2504.1
-42.5°	734.3	835.7	945.9	1062.2	1189.9	1328.6	1477.4	1651.3	1831.8	2030.6	2242.3
-45°	696.5	784.4	882.1	990.9	1103.1	1223.8	1358.2	1496.5	1656.6	1817.2	1997.6
-47.5°	657.1	733.6	823.6	917.3	1019.4	1126.6	1239.7	1365.6	1491.0	1633.2	1770.5
-50°	617.2	688.8	762.6	848.8	938.0	1032.1	1132.0	1237.9	1350.7	1463.6	1583.4
-52.5°	579.1	642.5	708.8	780.9	860.7	943.1	1029.5	1120.4	1217.3	1314.9	1413.8
-55°	539.9	598.3	654.6	717.7	786.0	859.1	932.8	1012.1	1089.9	1177.6	1258.6
-57.5°	503.3	552.8	602.3	655.5	715.1	777.4	842.7	908.1	978.6	1048.2	1114.8
-60°	468.0	508.1	551.0	596.7	644.5	699.0	753.4	811.4	870.4	928.0	986.7
-62.5°	431.3	463.5	498.9	539.3	580.7	620.7	667.1	715.9	765.3	813.1	860.6
-65°	387.9	416.4	445.0	478.4	516.7	548.6	583.2	621.2	663.4	701.6	736.3
-67.5°	342.6	367.8	391.3	414.3	443.7	471.9	499.9	529.1	561.4	595.2	625.2
-70°	293.7	318.6	339.4	358.1	374.3	391.8	414.4	436.7	462.3	494.5	524.1
-72.5°	244.2	266.6	286.3	303.3	313.8	321.8	332.5	345.5	369.8	402.1	430.6
-75°	197.4	215.0	232.5	247.8	254.4	254.9	254.1	258.4	282.5	315.4	344.4
-77.5°	152.4	167.0	180.5	193.0	196.7	196.1	193.8	189.8	208.0	236.2	265.4
-80°	109.8	119.0	129.6	139.5	141.8	140.8	137.7	132.7	147.0	167.3	189.2
-82.5°	71.6	77.9	83.8	89.3	89.9	88.4	85.7	82.5	93.4	106.5	120.3
-85°	36.7	36.7	39.7	42.5	43.9	44.0	43.2	41.3	46.7	52.8	59.3
-87.5°	18.3	18.3	18.0	17.5	16.7	15.7	14.4	13.0	13.5	14.0	14.5
-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: P627833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-740-U-WR-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°	15.0	14.6	14.1	13.5	12.9	12.7	12.4	12.1	11.8	10.9	10.0
85°	66.2	67.6	68.5	68.9	68.9	71.1	73.2	75.0	76.7	69.5	61.6
82.5°	134.6	140.9	146.5	152.0	157.4	161.2	164.0	166.1	167.4	151.5	133.7
80°	211.9	225.1	236.1	246.7	256.7	259.2	259.2	257.8	255.0	233.3	208.7
77.5°	294.7	312.1	325.8	339.5	352.9	357.9	360.3	362.2	363.4	336.6	303.5
75°	369.8	390.5	409.8	427.7	444.2	453.0	458.2	462.4	465.7	438.7	403.3
72.5°	455.4	477.3	498.2	518.1	535.6	547.2	554.8	561.0	565.9	550.6	528.4
70°	549.6	572.3	594.3	615.0	634.8	650.4	662.7	673.2	682.1	683.8	683.0
67.5°	654.1	680.9	707.1	729.6	753.2	775.2	794.6	810.7	823.6	832.1	836.8
65°	771.4	811.7	847.6	878.0	903.4	932.8	958.8	978.6	992.6	1003.2	1012.3
62.5°	909.8	958.6	999.6	1040.1	1081.9	1122.5	1147.9	1173.4	1198.3	1221.8	1241.9
60°	1042.8	1096.4	1151.9	1203.6	1251.5	1295.6	1341.2	1381.6	1416.9	1446.5	1468.5
57.5°	1184.7	1249.8	1312.9	1378.7	1440.5	1498.1	1554.4	1606.4	1651.3	1689.1	1720.0
55°	1338.6	1418.3	1493.4	1576.8	1657.6	1731.3	1799.1	1868.7	1931.4	1986.6	2030.3
52.5°	1504.7	1608.3	1707.7	1805.5	1910.3	2004.8	2089.5	2185.9	2271.4	2342.1	2397.1
50°	1702.9	1824.6	1955.8	2077.1	2209.2	2339.4	2459.4	2575.6	2689.2	2787.6	2867.1
47.5°	1928.5	2078.3	2240.8	2401.7	2565.7	2743.6	2902.4	3049.9	3208.8	3346.8	3457.4
45°	2179.3	2370.4	2566.6	2792.7	3001.0	3229.6	3441.1	3631.0	3856.4	4055.0	4214.9
42.5°	2457.6	2712.1	2970.1	3255.0	3531.3	3821.5	4129.7	4403.0	4702.0	4987.0	5217.3
40°	2802.5	3106.7	3452.3	3797.1	4193.7	4566.4	5015.3	5423.4	5793.9	6133.7	6412.2
37.5°	3185.8	3577.4	4011.6	4460.7	5003.4	5535.4	6061.0	6557.1	6995.2	7367.1	7679.1
35°	3620.9	4118.6	4644.5	5300.0	5935.9	6573.1	7166.7	7709.0	8185.4	8605.0	8961.9
32.5°	4121.4	4718.7	5454.9	6191.3	6916.8	7618.3	8270.0	8861.4	9383.9	9855.0	10265.4
30°	4647.6	5462.7	6288.9	7096.8	7889.1	8657.5	9372.7	10024.2	10614.6	11139.1	11611.8
27.5°	5316.3	6219.6	7120.5	7991.4	8863.0	9704.0	10479.2	11202.9	11880.3	12473.1	13013.5
25°	5963.1	6960.9	7918.6	8868.2	9817.0	10719.9	11586.7	12404.1	13180.0	13860.3	14463.6
22.5°	6609.8	7654.2	8677.6	9698.7	10717.8	11724.4	12697.6	13634.1	14501.8	15276.6	15955.7
20°	7208.7	8300.5	9394.9	10495.7	11600.4	12702.2	13795.3	14849.2	15815.9	16710.3	17496.3
17.5°	7745.7	8906.8	10067.1	11244.6	12442.1	13638.4	14852.6	16034.1	17139.2	18156.8	19068.6
15°	8221.2	9432.8	10679.0	11949.5	13235.4	14534.6	15859.5	17181.4	18425.5	19581.4	20599.3
12.5°	8637.0	9896.6	11202.7	12552.6	13948.3	15363.7	16809.7	18258.7	19635.8	20970.3	22069.5
10°	8980.0	10291.1	11656.2	13074.6	14546.5	16069.8	17621.1	19180.9	20698.1	22113.8	23370.8
7.5°	9245.0	10605.1	12011.8	13487.1	15031.3	16637.7	18281.0	19936.2	21555.4	23080.8	24471.5
5°	9431.8	10833.7	12258.1	13792.7	15390.6	17055.2	18763.1	20488.0	22180.7	23784.6	25225.9
2.5°	9540.3	10971.0	12401.5	13978.3	15604.2	17307.9	19062.1	20815.3	22552.7	24216.2	25697.4
0°	9568.9	11012.1	12483.8	13998.2	15671.4	17426.0	19117.5	20876.2	22681.7	24322.3	25798.0
-2.5°	9540.3	10971.0	12401.5	13978.3	15604.2	17307.9	19062.1	20815.3	22552.7	24216.2	25697.4
-5°	9431.8	10833.7	12258.1	13792.7	15390.6	17055.2	18763.1	20488.0	22180.7	23784.6	25225.9
-7.5°	9245.0	10605.1	12011.8	13487.1	15031.3	16637.7	18281.0	19936.2	21555.4	23080.8	24471.5
-10°	8980.0	10291.1	11656.2	13074.6	14546.5	16069.8	17621.1	19180.9	20698.1	22113.8	23370.8
-12.5°	8637.0	9896.6	11202.7	12552.6	13948.3	15363.7	16809.7	18258.7	19635.8	20970.3	22069.5
-15°	8221.2	9432.8	10679.0	11949.5	13235.4	14534.6	15859.5	17181.4	18425.5	19581.4	20599.3
-17.5°	7745.7	8906.8	10067.1	11244.6	12442.1	13638.4	14852.6	16034.1	17139.2	18156.8	19068.6
-20°	7208.7	8300.5	9394.9	10495.7	11600.4	12702.2	13795.3	14849.2	15815.9	16710.3	17496.3

Classified

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Scaled Data Report



REPORT NUMBER: P627833 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6609.8	7654.2	8677.6	9698.7	10717.8	11724.4	12697.6	13634.1	14501.8	15276.6	15955.7
-25°	5963.1	6960.9	7918.6	8868.2	9817.0	10719.9	11586.7	12404.1	13180.0	13860.3	14463.6
-27.5°	5316.3	6219.6	7120.5	7991.4	8863.0	9704.0	10479.2	11202.9	11880.3	12473.1	13013.5
-30°	4647.6	5462.7	6288.9	7096.8	7889.1	8657.5	9372.7	10024.2	10614.6	11139.1	11611.8
-32.5°	4121.4	4718.7	5454.9	6191.3	6916.8	7618.3	8270.0	8861.4	9383.9	9855.0	10265.4
-35°	3620.9	4118.6	4644.5	5300.0	5935.9	6573.1	7166.7	7709.0	8185.4	8605.0	8961.9
-37.5°	3185.8	3577.4	4011.6	4460.7	5003.4	5535.4	6061.0	6557.1	6995.2	7367.1	7679.1
-40°	2802.5	3106.7	3452.3	3797.1	4193.7	4566.4	5015.3	5423.4	5793.9	6133.7	6412.2
-42.5°	2457.6	2712.1	2970.1	3255.0	3531.3	3821.5	4129.7	4403.0	4702.0	4987.0	5217.3
-45°	2179.3	2370.4	2566.6	2792.7	3001.0	3229.6	3441.1	3631.0	3856.4	4055.0	4214.9
-47.5°	1928.5	2078.3	2240.8	2401.7	2565.7	2743.6	2902.4	3049.9	3208.8	3346.8	3457.4
-50°	1702.9	1824.6	1955.8	2077.1	2209.2	2339.4	2459.4	2575.6	2689.2	2787.6	2867.1
-52.5°	1504.7	1608.3	1707.7	1805.5	1910.3	2004.8	2089.5	2185.9	2271.4	2342.1	2397.1
-55°	1338.6	1418.3	1493.4	1576.8	1657.6	1731.3	1799.1	1868.7	1931.4	1986.6	2030.3
-57.5°	1184.7	1249.8	1312.9	1378.7	1440.5	1498.1	1554.4	1606.4	1651.3	1689.1	1720.0
-60°	1042.8	1096.4	1151.9	1203.6	1251.5	1295.6	1341.2	1381.6	1416.9	1446.5	1468.5
-62.5°	909.8	958.6	999.6	1040.1	1081.9	1122.5	1147.9	1173.4	1198.3	1221.8	1241.9
-65°	771.4	811.7	847.6	878.0	903.4	932.8	958.8	978.6	992.6	1003.2	1012.3
-67.5°	654.1	680.9	707.1	729.6	753.2	775.2	794.6	810.7	823.6	832.1	836.8
-70°	549.6	572.3	594.3	615.0	634.8	650.4	662.7	673.2	682.1	683.8	683.0
-72.5°	455.4	477.3	498.2	518.1	535.6	547.2	554.8	561.0	565.9	550.6	528.4
-75°	369.8	390.5	409.8	427.7	444.2	453.0	458.2	462.4	465.7	438.7	403.3
-77.5°	294.7	312.1	325.8	339.5	352.9	357.9	360.3	362.2	363.4	336.6	303.5
-80°	211.9	225.1	236.1	246.7	256.7	259.2	259.2	257.8	255.0	233.3	208.7
-82.5°	134.6	140.9	146.5	152.0	157.4	161.2	164.0	166.1	167.4	151.5	133.7
-85°	66.2	67.6	68.5	68.9	68.9	71.1	73.2	75.0	76.7	69.5	61.6
-87.5°	15.0	14.6	14.1	13.5	12.9	12.7	12.4	12.1	11.8	10.9	10.0
-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: P627833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-740-U-WR-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°	9.0	8.1	7.1	6.1	7.1	8.1	9.0	10.0	10.9	11.8	12.1
85°	53.3	44.6	43.7	42.7	43.7	44.6	53.3	61.6	69.5	76.7	75.0
82.5°	115.0	95.5	92.5	89.6	92.5	95.5	115.0	133.7	151.5	167.4	166.1
80°	183.1	156.6	151.5	146.6	151.5	156.6	183.1	208.7	233.3	255.0	257.8
77.5°	268.6	232.4	221.8	211.7	221.8	232.4	268.6	303.5	336.6	363.4	362.2
75°	366.4	328.2	315.4	303.3	315.4	328.2	366.4	403.3	438.7	465.7	462.4
72.5°	506.0	482.8	459.3	433.6	459.3	482.8	506.0	528.4	550.6	565.9	561.0
70°	682.3	680.7	674.7	665.6	674.7	680.7	682.3	683.0	683.8	682.1	673.2
67.5°	838.9	838.2	840.3	840.7	840.3	838.2	838.9	836.8	832.1	823.6	810.7
65°	1017.9	1019.8	1024.0	1025.9	1024.0	1019.8	1017.9	1012.3	1003.2	992.6	978.6
62.5°	1257.3	1267.7	1272.8	1272.2	1272.8	1267.7	1257.3	1241.9	1221.8	1198.3	1173.4
60°	1485.0	1495.8	1502.5	1504.2	1502.5	1495.8	1485.0	1468.5	1446.5	1416.9	1381.6
57.5°	1744.5	1762.2	1771.6	1772.9	1771.6	1762.2	1744.5	1720.0	1689.1	1651.3	1606.4
55°	2063.9	2087.3	2097.8	2096.6	2097.8	2087.3	2063.9	2030.3	1986.6	1931.4	1868.7
52.5°	2438.8	2467.3	2488.7	2501.6	2488.7	2467.3	2438.8	2397.1	2342.1	2271.4	2185.9
50°	2926.8	2967.8	2993.8	3004.4	2993.8	2967.8	2926.8	2867.1	2787.6	2689.2	2575.6
47.5°	3537.4	3591.7	3631.9	3659.8	3631.9	3591.7	3537.4	3457.4	3346.8	3208.8	3049.9
45°	4332.9	4415.6	4471.7	4504.6	4471.7	4415.6	4332.9	4214.9	4055.0	3856.4	3631.0
42.5°	5397.1	5525.4	5604.1	5634.3	5604.1	5525.4	5397.1	5217.3	4987.0	4702.0	4403.0
40°	6632.1	6786.3	6887.4	6957.4	6887.4	6786.3	6632.1	6412.2	6133.7	5793.9	5423.4
37.5°	7918.5	8080.5	8178.9	8245.8	8178.9	8080.5	7918.5	7679.1	7367.1	6995.2	6557.1
35°	9230.9	9400.4	9492.8	9544.5	9492.8	9400.4	9230.9	8961.9	8605.0	8185.4	7709.0
32.5°	10578.1	10764.9	10865.5	10969.4	10865.5	10764.9	10578.1	10265.4	9855.0	9383.9	8861.4
30°	11985.3	12199.7	12304.8	12355.5	12304.8	12199.7	11985.3	11611.8	11139.1	10614.6	10024.2
27.5°	13449.6	13716.8	13848.4	13935.1	13848.4	13716.8	13449.6	13013.5	12473.1	11880.3	11202.9
25°	14973.1	15304.2	15455.0	15590.0	15455.0	15304.2	14973.1	14463.6	13860.3	13180.0	12404.1
22.5°	16553.9	16966.2	17140.9	17236.7	17140.9	16966.2	16553.9	15955.7	15276.6	14501.8	13634.1
20°	18175.9	18668.6	18911.2	19036.1	18911.2	18668.6	18175.9	17496.3	16710.3	15815.9	14849.2
17.5°	19834.5	20447.4	20761.3	20833.4	20761.3	20447.4	19834.5	19068.6	18156.8	17139.2	16034.1
15°	21462.9	22125.7	22496.9	22632.8	22496.9	22125.7	21462.9	20599.3	19581.4	18425.5	17181.4
12.5°	23004.9	23692.0	24135.4	24214.4	24135.4	23692.0	23004.9	22069.5	20970.3	19635.8	18258.7
10°	24403.4	25115.2	25605.0	25716.6	25605.0	25115.2	24403.4	23370.8	22113.8	20698.1	19180.9
7.5°	25572.6	26353.6	26894.7	26988.8	26894.7	26353.6	25572.6	24471.5	23080.8	21555.4	19936.2
5°	26428.0	27355.3	27799.4	27910.9	27799.4	27355.3	26428.0	25225.9	23784.6	22180.7	20488.0
2.5°	26897.3	27841.2	28458.5	28387.2	28458.5	27841.2	26897.3	25697.4	24216.2	22552.7	20815.3
0°	26950.1	27937.3	28527.6	28800.4	28527.6	27937.3	26950.1	25798.0	24322.3	22681.7	20876.2
-2.5°	26897.3	27841.2	28458.5	28387.2	28458.5	27841.2	26897.3	25697.4	24216.2	22552.7	20815.3
-5°	26428.0	27355.3	27799.4	27910.9	27799.4	27355.3	26428.0	25225.9	23784.6	22180.7	20488.0
-7.5°	25572.6	26353.6	26894.7	26988.8	26894.7	26353.6	25572.6	24471.5	23080.8	21555.4	19936.2
-10°	24403.4	25115.2	25605.0	25716.6	25605.0	25115.2	24403.4	23370.8	22113.8	20698.1	19180.9
-12.5°	23004.9	23692.0	24135.4	24214.4	24135.4	23692.0	23004.9	22069.5	20970.3	19635.8	18258.7
-15°	21462.9	22125.7	22496.9	22632.8	22496.9	22125.7	21462.9	20599.3	19581.4	18425.5	17181.4
-17.5°	19834.5	20447.4	20761.3	20833.4	20761.3	20447.4	19834.5	19068.6	18156.8	17139.2	16034.1
-20°	18175.9	18668.6	18911.2	19036.1	18911.2	18668.6	18175.9	17496.3	16710.3	15815.9	14849.2



REPORT NUMBER: P627833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16553.9	16966.2	17140.9	17236.7	17140.9	16966.2	16553.9	15955.7	15276.6	14501.8	13634.1
-25°	14973.1	15304.2	15455.0	15590.0	15455.0	15304.2	14973.1	14463.6	13860.3	13180.0	12404.1
-27.5°	13449.6	13716.8	13848.4	13935.1	13848.4	13716.8	13449.6	13013.5	12473.1	11880.3	11202.9
-30°	11985.3	12199.7	12304.8	12355.5	12304.8	12199.7	11985.3	11611.8	11139.1	10614.6	10024.2
-32.5°	10578.1	10764.9	10865.5	10969.4	10865.5	10764.9	10578.1	10265.4	9855.0	9383.9	8861.4
-35°	9230.9	9400.4	9492.8	9544.5	9492.8	9400.4	9230.9	8961.9	8605.0	8185.4	7709.0
-37.5°	7918.5	8080.5	8178.9	8245.8	8178.9	8080.5	7918.5	7679.1	7367.1	6995.2	6557.1
-40°	6632.1	6786.3	6887.4	6957.4	6887.4	6786.3	6632.1	6412.2	6133.7	5793.9	5423.4
-42.5°	5397.1	5525.4	5604.1	5634.3	5604.1	5525.4	5397.1	5217.3	4987.0	4702.0	4403.0
-45°	4332.9	4415.6	4471.7	4504.6	4471.7	4415.6	4332.9	4214.9	4055.0	3856.4	3631.0
-47.5°	3537.4	3591.7	3631.9	3659.8	3631.9	3591.7	3537.4	3457.4	3346.8	3208.8	3049.9
-50°	2926.8	2967.8	2993.8	3004.4	2993.8	2967.8	2926.8	2867.1	2787.6	2689.2	2575.6
-52.5°	2438.8	2467.3	2488.7	2501.6	2488.7	2467.3	2438.8	2397.1	2342.1	2271.4	2185.9
-55°	2063.9	2087.3	2097.8	2096.6	2097.8	2087.3	2063.9	2030.3	1986.6	1931.4	1868.7
-57.5°	1744.5	1762.2	1771.6	1772.9	1771.6	1762.2	1744.5	1720.0	1689.1	1651.3	1606.4
-60°	1485.0	1495.8	1502.5	1504.2	1502.5	1495.8	1485.0	1468.5	1446.5	1416.9	1381.6
-62.5°	1257.3	1267.7	1272.8	1272.2	1272.8	1267.7	1257.3	1241.9	1221.8	1198.3	1173.4
-65°	1017.9	1019.8	1024.0	1025.9	1024.0	1019.8	1017.9	1012.3	1003.2	992.6	978.6
-67.5°	838.9	838.2	840.3	840.7	840.3	838.2	838.9	836.8	832.1	823.6	810.7
-70°	682.3	680.7	674.7	665.6	674.7	680.7	682.3	683.0	683.8	682.1	673.2
-72.5°	506.0	482.8	459.3	433.6	459.3	482.8	506.0	528.4	550.6	565.9	561.0
-75°	366.4	328.2	315.4	303.3	315.4	328.2	366.4	403.3	438.7	465.7	462.4
-77.5°	268.6	232.4	221.8	211.7	221.8	232.4	268.6	303.5	336.6	363.4	362.2
-80°	183.1	156.6	151.5	146.6	151.5	156.6	183.1	208.7	233.3	255.0	257.8
-82.5°	115.0	95.5	92.5	89.6	92.5	95.5	115.0	133.7	151.5	167.4	166.1
-85°	53.3	44.6	43.7	42.7	43.7	44.6	53.3	61.6	69.5	76.7	75.0
-87.5°	9.0	8.1	7.1	6.1	7.1	8.1	9.0	10.0	10.9	11.8	12.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627833 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-WR-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°	12.4	12.7	12.9	13.5	14.1	14.6	15.0	14.5	14.0	13.5	13.0
85°	73.2	71.1	68.9	68.9	68.5	67.6	66.2	59.3	52.8	46.7	41.3
82.5°	164.0	161.2	157.4	152.0	146.5	140.9	134.6	120.3	106.5	93.4	82.5
80°	259.2	259.2	256.7	246.7	236.1	225.1	211.9	189.2	167.3	147.0	132.7
77.5°	360.3	357.9	352.9	339.5	325.8	312.1	294.7	265.4	236.2	208.0	189.8
75°	458.2	453.0	444.2	427.7	409.8	390.5	369.8	344.4	315.4	282.5	258.4
72.5°	554.8	547.2	535.6	518.1	498.2	477.3	455.4	430.6	402.1	369.8	345.5
70°	662.7	650.4	634.8	615.0	594.3	572.3	549.6	524.1	494.5	462.3	436.7
67.5°	794.6	775.2	753.2	729.6	707.1	680.9	654.1	625.2	595.2	561.4	529.1
65°	958.8	932.8	903.4	878.0	847.6	811.7	771.4	736.3	701.6	663.4	621.2
62.5°	1147.9	1122.5	1081.9	1040.1	999.6	958.6	909.8	860.6	813.1	765.3	715.9
60°	1341.2	1295.6	1251.5	1203.6	1151.9	1096.4	1042.8	986.7	928.0	870.4	811.4
57.5°	1554.4	1498.1	1440.5	1378.7	1312.9	1249.8	1184.7	1114.8	1048.2	978.6	908.1
55°	1799.1	1731.3	1657.6	1576.8	1493.4	1418.3	1338.6	1258.6	1177.6	1089.9	1012.1
52.5°	2089.5	2004.8	1910.3	1805.5	1707.7	1608.3	1504.7	1413.8	1314.9	1217.3	1120.4
50°	2459.4	2339.4	2209.2	2077.1	1955.8	1824.6	1702.9	1583.4	1463.6	1350.7	1237.9
47.5°	2902.4	2743.6	2565.7	2401.7	2240.8	2078.3	1928.5	1770.5	1633.2	1491.0	1365.6
45°	3441.1	3229.6	3001.0	2792.7	2566.6	2370.4	2179.3	1997.6	1817.2	1656.6	1496.5
42.5°	4129.7	3821.5	3531.3	3255.0	2970.1	2712.1	2457.6	2242.3	2030.6	1831.8	1651.3
40°	5015.3	4566.4	4193.7	3797.1	3452.3	3106.7	2802.5	2504.1	2263.5	2028.0	1807.8
37.5°	6061.0	5535.4	5003.4	4460.7	4011.6	3577.4	3185.8	2834.5	2507.2	2239.5	1985.4
35°	7166.7	6573.1	5935.9	5300.0	4644.5	4118.6	3620.9	3188.0	2806.2	2460.9	2168.1
32.5°	8270.0	7618.3	6916.8	6191.3	5454.9	4718.7	4121.4	3585.3	3107.5	2714.3	2367.8
30°	9372.7	8657.5	7889.1	7096.8	6288.9	5462.7	4647.6	4021.3	3460.4	2967.2	2568.7
27.5°	10479.2	9704.0	8863.0	7991.4	7120.5	6219.6	5316.3	4471.2	3816.0	3258.7	2789.1
25°	11586.7	10719.9	9817.0	8868.2	7918.6	6960.9	5963.1	5020.9	4214.9	3550.3	2992.3
22.5°	12697.6	11724.4	10717.8	9698.7	8677.6	7654.2	6609.8	5559.4	4592.8	3847.0	3230.1
20°	13795.3	12702.2	11600.4	10495.7	9394.9	8300.5	7208.7	6087.4	5036.9	4154.0	3452.0
17.5°	14852.6	13638.4	12442.1	11244.6	10067.1	8906.8	7745.7	6574.7	5433.6	4427.4	3648.0
15°	15859.5	14534.6	13235.4	11949.5	10679.0	9432.8	8221.2	7002.5	5794.3	4712.5	3862.9
12.5°	16809.7	15363.7	13948.3	12552.6	11202.7	9896.6	8637.0	7378.1	6134.1	4990.2	4054.5
10°	17621.1	16069.8	14546.5	13074.6	11656.2	10291.1	8980.0	7695.9	6425.3	5221.3	4211.1
7.5°	18281.0	16637.7	15031.3	13487.1	12011.8	10605.1	9245.0	7939.7	6656.0	5402.0	4332.1
5°	18763.1	17055.2	15390.6	13792.7	12258.1	10833.7	9431.8	8106.4	6823.0	5530.5	4416.6
2.5°	19062.1	17307.9	15604.2	13978.3	12401.5	10971.0	9540.3	8207.2	6918.4	5601.1	4469.7
0°	19117.5	17426.0	15671.4	13998.2	12483.8	11012.1	9568.9	8243.8	6943.1	5616.0	4486.3
-2.5°	19062.1	17307.9	15604.2	13978.3	12401.5	10971.0	9540.3	8207.2	6918.4	5601.1	4469.7
-5°	18763.1	17055.2	15390.6	13792.7	12258.1	10833.7	9431.8	8106.4	6823.0	5530.5	4416.6
-7.5°	18281.0	16637.7	15031.3	13487.1	12011.8	10605.1	9245.0	7939.7	6656.0	5402.0	4332.1
-10°	17621.1	16069.8	14546.5	13074.6	11656.2	10291.1	8980.0	7695.9	6425.3	5221.3	4211.1
-12.5°	16809.7	15363.7	13948.3	12552.6	11202.7	9896.6	8637.0	7378.1	6134.1	4990.2	4054.5
-15°	15859.5	14534.6	13235.4	11949.5	10679.0	9432.8	8221.2	7002.5	5794.3	4712.5	3862.9
-17.5°	14852.6	13638.4	12442.1	11244.6	10067.1	8906.8	7745.7	6574.7	5433.6	4427.4	3648.0
-20°	13795.3	12702.2	11600.4	10495.7	9394.9	8300.5	7208.7	6087.4	5036.9	4154.0	3452.0



REPORT NUMBER: P627833 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12697.6	11724.4	10717.8	9698.7	8677.6	7654.2	6609.8	5559.4	4592.8	3847.0	3230.1
-25°	11586.7	10719.9	9817.0	8868.2	7918.6	6960.9	5963.1	5020.9	4214.9	3550.3	2992.3
-27.5°	10479.2	9704.0	8863.0	7991.4	7120.5	6219.6	5316.3	4471.2	3816.0	3258.7	2789.1
-30°	9372.7	8657.5	7889.1	7096.8	6288.9	5462.7	4647.6	4021.3	3460.4	2967.2	2568.7
-32.5°	8270.0	7618.3	6916.8	6191.3	5454.9	4718.7	4121.4	3585.3	3107.5	2714.3	2367.8
-35°	7166.7	6573.1	5935.9	5300.0	4644.5	4118.6	3620.9	3188.0	2806.2	2460.9	2168.1
-37.5°	6061.0	5535.4	5003.4	4460.7	4011.6	3577.4	3185.8	2834.5	2507.2	2239.5	1985.4
-40°	5015.3	4566.4	4193.7	3797.1	3452.3	3106.7	2802.5	2504.1	2263.5	2028.0	1807.8
-42.5°	4129.7	3821.5	3531.3	3255.0	2970.1	2712.1	2457.6	2242.3	2030.6	1831.8	1651.3
-45°	3441.1	3229.6	3001.0	2792.7	2566.6	2370.4	2179.3	1997.6	1817.2	1656.6	1496.5
-47.5°	2902.4	2743.6	2565.7	2401.7	2240.8	2078.3	1928.5	1770.5	1633.2	1491.0	1365.6
-50°	2459.4	2339.4	2209.2	2077.1	1955.8	1824.6	1702.9	1583.4	1463.6	1350.7	1237.9
-52.5°	2089.5	2004.8	1910.3	1805.5	1707.7	1608.3	1504.7	1413.8	1314.9	1217.3	1120.4
-55°	1799.1	1731.3	1657.6	1576.8	1493.4	1418.3	1338.6	1258.6	1177.6	1089.9	1012.1
-57.5°	1554.4	1498.1	1440.5	1378.7	1312.9	1249.8	1184.7	1114.8	1048.2	978.6	908.1
-60°	1341.2	1295.6	1251.5	1203.6	1151.9	1096.4	1042.8	986.7	928.0	870.4	811.4
-62.5°	1147.9	1122.5	1081.9	1040.1	999.6	958.6	909.8	860.6	813.1	765.3	715.9
-65°	958.8	932.8	903.4	878.0	847.6	811.7	771.4	736.3	701.6	663.4	621.2
-67.5°	794.6	775.2	753.2	729.6	707.1	680.9	654.1	625.2	595.2	561.4	529.1
-70°	662.7	650.4	634.8	615.0	594.3	572.3	549.6	524.1	494.5	462.3	436.7
-72.5°	554.8	547.2	535.6	518.1	498.2	477.3	455.4	430.6	402.1	369.8	345.5
-75°	458.2	453.0	444.2	427.7	409.8	390.5	369.8	344.4	315.4	282.5	258.4
-77.5°	360.3	357.9	352.9	339.5	325.8	312.1	294.7	265.4	236.2	208.0	189.8
-80°	259.2	259.2	256.7	246.7	236.1	225.1	211.9	189.2	167.3	147.0	132.7
-82.5°	164.0	161.2	157.4	152.0	146.5	140.9	134.6	120.3	106.5	93.4	82.5
-85°	73.2	71.1	68.9	68.9	68.5	67.6	66.2	59.3	52.8	46.7	41.3
-87.5°	12.4	12.7	12.9	13.5	14.1	14.6	15.0	14.5	14.0	13.5	13.0
-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: P627833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-740-U-WR-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°	14.4	15.7	16.7	17.5	18.0	18.3	18.3	18.1	17.3	16.4	15.1
85°	43.2	44.0	43.9	42.5	39.7	36.7	36.7	36.1	34.7	32.7	30.3
82.5°	85.7	88.4	89.9	89.3	83.8	77.9	71.6	65.1	58.0	50.1	45.4
80°	137.7	140.8	141.8	139.5	129.6	119.0	109.8	100.4	91.1	80.6	68.9
77.5°	193.8	196.1	196.7	193.0	180.5	167.0	152.4	137.2	124.2	111.2	96.6
75°	254.1	254.9	254.4	247.8	232.5	215.0	197.4	178.4	159.4	141.7	124.2
72.5°	332.5	321.8	313.8	303.3	286.3	266.6	244.2	218.9	194.9	172.3	151.3
70°	414.4	391.8	374.3	358.1	339.4	318.6	293.7	262.0	229.8	202.4	176.9
67.5°	499.9	471.9	443.7	414.3	391.3	367.8	342.6	304.5	265.9	231.9	201.9
65°	583.2	548.6	516.7	478.4	445.0	416.4	387.9	344.8	300.7	261.1	226.4
62.5°	667.1	620.7	580.7	539.3	498.9	463.5	431.3	382.2	334.0	289.0	249.6
60°	753.4	699.0	644.5	596.7	551.0	508.1	468.0	418.5	366.3	315.6	271.6
57.5°	842.7	777.4	715.1	655.5	602.3	552.8	503.3	452.0	397.5	342.6	291.4
55°	932.8	859.1	786.0	717.7	654.6	598.3	539.9	483.9	427.3	369.0	307.2
52.5°	1029.5	943.1	860.7	780.9	708.8	642.5	579.1	515.3	455.8	394.2	324.4
50°	1132.0	1032.1	938.0	848.8	762.6	688.8	617.2	549.6	483.6	418.7	340.5
47.5°	1239.7	1126.6	1019.4	917.3	823.6	733.6	657.1	583.3	510.6	442.8	355.2
45°	1358.2	1223.8	1103.1	990.9	882.1	784.4	696.5	615.9	539.8	460.1	368.4
42.5°	1477.4	1328.6	1189.9	1062.2	945.9	835.7	734.3	649.6	568.0	475.9	381.4
40°	1614.8	1435.7	1277.2	1138.9	1008.8	884.6	777.7	682.3	594.2	491.5	394.0
37.5°	1748.8	1551.1	1372.5	1211.9	1070.8	939.9	819.8	713.2	614.9	508.7	405.3
35°	1906.6	1670.2	1463.2	1289.3	1134.8	992.5	859.3	744.9	637.6	525.1	415.5
32.5°	2060.0	1791.4	1565.4	1368.5	1195.1	1042.3	901.2	777.3	660.7	540.8	424.4
30°	2228.4	1923.3	1661.7	1442.7	1255.0	1093.6	943.5	807.9	684.0	555.6	433.0
27.5°	2390.3	2044.8	1755.3	1521.2	1318.3	1141.5	982.6	836.5	707.3	571.0	443.7
25°	2550.7	2176.2	1858.6	1596.1	1376.6	1185.1	1018.5	863.2	730.3	588.3	453.3
22.5°	2724.8	2303.2	1951.7	1663.4	1429.2	1224.8	1052.7	892.5	751.3	604.7	461.8
20°	2884.8	2417.9	2034.8	1727.8	1481.4	1267.8	1084.8	918.6	770.2	620.2	468.9
17.5°	3035.7	2534.5	2127.5	1797.4	1530.8	1305.7	1113.0	941.6	786.9	634.5	474.7
15°	3194.2	2650.4	2211.0	1857.7	1573.6	1338.4	1137.3	961.4	801.3	647.3	480.1
12.5°	3329.4	2748.4	2281.1	1908.4	1609.5	1365.8	1157.5	977.8	813.3	658.2	485.0
10°	3440.9	2827.9	2337.6	1949.3	1638.4	1387.7	1173.6	991.1	823.3	666.7	487.7
7.5°	3527.7	2888.7	2380.4	1980.4	1660.6	1404.9	1187.0	1001.5	831.0	672.6	488.3
5°	3588.4	2931.1	2411.8	2002.1	1677.4	1417.2	1196.5	1008.4	836.3	675.9	486.9
2.5°	3620.3	2955.1	2431.1	2013.7	1687.1	1423.9	1201.9	1011.8	838.8	676.3	483.5
0°	3625.2	2959.6	2436.5	2015.2	1689.5	1424.9	1203.0	1011.6	838.6	673.8	478.3
-2.5°	3620.3	2955.1	2431.1	2013.7	1687.1	1423.9	1201.9	1011.8	838.8	676.3	483.5
-5°	3588.4	2931.1	2411.8	2002.1	1677.4	1417.2	1196.5	1008.4	836.3	675.9	486.9
-7.5°	3527.7	2888.7	2380.4	1980.4	1660.6	1404.9	1187.0	1001.5	831.0	672.6	488.3
-10°	3440.9	2827.9	2337.6	1949.3	1638.4	1387.7	1173.6	991.1	823.3	666.7	487.7
-12.5°	3329.4	2748.4	2281.1	1908.4	1609.5	1365.8	1157.5	977.8	813.3	658.2	485.0
-15°	3194.2	2650.4	2211.0	1857.7	1573.6	1338.4	1137.3	961.4	801.3	647.3	480.1
-17.5°	3035.7	2534.5	2127.5	1797.4	1530.8	1305.7	1113.0	941.6	786.9	634.5	474.7
-20°	2884.8	2417.9	2034.8	1727.8	1481.4	1267.8	1084.8	918.6	770.2	620.2	468.9

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REPORT NUMBER: P627833 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2724.8	2303.2	1951.7	1663.4	1429.2	1224.8	1052.7	892.5	751.3	604.7	461.8
-25°	2550.7	2176.2	1858.6	1596.1	1376.6	1185.1	1018.5	863.2	730.3	588.3	453.3
-27.5°	2390.3	2044.8	1755.3	1521.2	1318.3	1141.5	982.6	836.5	707.3	571.0	443.7
-30°	2228.4	1923.3	1661.7	1442.7	1255.0	1093.6	943.5	807.9	684.0	555.6	433.0
-32.5°	2060.0	1791.4	1565.4	1368.5	1195.1	1042.3	901.2	777.3	660.7	540.8	424.4
-35°	1906.6	1670.2	1463.2	1289.3	1134.8	992.5	859.3	744.9	637.6	525.1	415.5
-37.5°	1748.8	1551.1	1372.5	1211.9	1070.8	939.9	819.8	713.2	614.9	508.7	405.3
-40°	1614.8	1435.7	1277.2	1138.9	1008.8	884.6	777.7	682.3	594.2	491.5	394.0
-42.5°	1477.4	1328.6	1189.9	1062.2	945.9	835.7	734.3	649.6	568.0	475.9	381.4
-45°	1358.2	1223.8	1103.1	990.9	882.1	784.4	696.5	615.9	539.8	460.1	368.4
-47.5°	1239.7	1126.6	1019.4	917.3	823.6	733.6	657.1	583.3	510.6	442.8	355.2
-50°	1132.0	1032.1	938.0	848.8	762.6	688.8	617.2	549.6	483.6	418.7	340.5
-52.5°	1029.5	943.1	860.7	780.9	708.8	642.5	579.1	515.3	455.8	394.2	324.4
-55°	932.8	859.1	786.0	717.7	654.6	598.3	539.9	483.9	427.3	369.0	307.2
-57.5°	842.7	777.4	715.1	655.5	602.3	552.8	503.3	452.0	397.5	342.6	291.4
-60°	753.4	699.0	644.5	596.7	551.0	508.1	468.0	418.5	366.3	315.6	271.6
-62.5°	667.1	620.7	580.7	539.3	498.9	463.5	431.3	382.2	334.0	289.0	249.6
-65°	583.2	548.6	516.7	478.4	445.0	416.4	387.9	344.8	300.7	261.1	226.4
-67.5°	499.9	471.9	443.7	414.3	391.3	367.8	342.6	304.5	265.9	231.9	201.9
-70°	414.4	391.8	374.3	358.1	339.4	318.6	293.7	262.0	229.8	202.4	176.9
-72.5°	332.5	321.8	313.8	303.3	286.3	266.6	244.2	218.9	194.9	172.3	151.3
-75°	254.1	254.9	254.4	247.8	232.5	215.0	197.4	178.4	159.4	141.7	124.2
-77.5°	193.8	196.1	196.7	193.0	180.5	167.0	152.4	137.2	124.2	111.2	96.6
-80°	137.7	140.8	141.8	139.5	129.6	119.0	109.8	100.4	91.1	80.6	68.9
-82.5°	85.7	88.4	89.9	89.3	83.8	77.9	71.6	65.1	58.0	50.1	45.4
-85°	43.2	44.0	43.9	42.5	39.7	36.7	36.7	36.1	34.7	32.7	30.3
-87.5°	14.4	15.7	16.7	17.5	18.0	18.3	18.3	18.1	17.3	16.4	15.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627833 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-WR-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°	13.7	10.7	7.9	5.5	3.4	1.5	0.0
85°	27.3	21.3	15.9	11.0	6.7	2.9	0.0
82.5°	40.8	31.9	23.7	16.5	10.1	4.4	0.0
80°	55.5	42.3	31.5	21.9	13.4	5.8	0.0
77.5°	79.2	55.0	39.2	27.2	16.6	7.2	0.0
75°	102.3	71.9	47.4	32.4	19.8	8.6	0.0
72.5°	124.6	88.3	58.8	37.6	23.0	10.0	0.0
70°	145.7	104.1	69.7	42.9	26.0	11.4	0.0
67.5°	164.1	119.1	80.2	49.6	29.0	12.7	0.0
65°	181.6	132.9	90.1	56.0	31.9	14.0	0.0
62.5°	198.1	145.6	99.5	62.0	34.6	15.2	0.0
60°	213.5	157.5	108.2	67.7	37.3	16.5	0.0
57.5°	227.5	168.5	116.4	73.1	40.5	17.6	0.0
55°	240.4	178.7	124.0	78.0	43.7	18.7	0.0
52.5°	252.2	188.0	130.9	82.5	46.6	19.8	0.0
50°	262.8	196.6	137.2	86.5	49.5	20.8	0.0
47.5°	272.8	204.3	142.9	90.2	52.2	21.8	0.0
45°	284.0	211.1	147.9	93.9	54.8	22.7	0.0
42.5°	293.9	217.1	152.2	97.1	57.3	23.6	0.0
40°	302.6	222.1	156.0	100.7	59.6	24.3	0.0
37.5°	310.1	226.2	159.5	104.3	61.7	25.1	0.0
35°	316.3	230.8	162.3	107.7	63.7	25.7	0.0
32.5°	322.0	235.2	164.4	110.7	65.5	26.3	0.0
30°	328.4	238.6	165.9	113.4	67.1	26.9	0.0
27.5°	333.6	241.0	169.5	115.8	68.6	27.4	0.0
25°	337.6	242.5	172.9	118.0	69.9	27.8	0.0
22.5°	340.4	244.4	175.9	119.8	71.0	28.1	0.0
20°	342.1	248.9	178.5	121.2	72.0	28.4	0.0
17.5°	345.9	252.5	180.6	122.4	72.8	28.6	0.0
15°	350.5	255.4	182.4	123.3	73.4	28.8	0.0
12.5°	353.9	257.5	183.6	123.8	73.8	28.9	0.0
10°	355.9	258.8	184.5	124.1	74.0	28.9	0.0
7.5°	356.8	259.3	184.9	124.0	74.1	28.9	0.0
5°	356.4	259.1	184.8	123.7	74.0	28.8	0.0
2.5°	354.8	258.2	184.2	123.0	73.7	28.7	0.0
0°	352.1	256.5	183.2	122.1	73.3	28.5	0.0
-2.5°	354.8	258.2	184.2	123.0	73.7	28.7	0.0
-5°	356.4	259.1	184.8	123.7	74.0	28.8	0.0
-7.5°	356.8	259.3	184.9	124.0	74.1	28.9	0.0
-10°	355.9	258.8	184.5	124.1	74.0	28.9	0.0
-12.5°	353.9	257.5	183.6	123.8	73.8	28.9	0.0
-15°	350.5	255.4	182.4	123.3	73.4	28.8	0.0
-17.5°	345.9	252.5	180.6	122.4	72.8	28.6	0.0
-20°	342.1	248.9	178.5	121.2	72.0	28.4	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	340.4	244.4	175.9	119.8	71.0	28.1	0.0
-25°	337.6	242.5	172.9	118.0	69.9	27.8	0.0
-27.5°	333.6	241.0	169.5	115.8	68.6	27.4	0.0
-30°	328.4	238.6	165.9	113.4	67.1	26.9	0.0
-32.5°	322.0	235.2	164.4	110.7	65.5	26.3	0.0
-35°	316.3	230.8	162.3	107.7	63.7	25.7	0.0
-37.5°	310.1	226.2	159.5	104.3	61.7	25.1	0.0
-40°	302.6	222.1	156.0	100.7	59.6	24.3	0.0
-42.5°	293.9	217.1	152.2	97.1	57.3	23.6	0.0
-45°	284.0	211.1	147.9	93.9	54.8	22.7	0.0
-47.5°	272.8	204.3	142.9	90.2	52.2	21.8	0.0
-50°	262.8	196.6	137.2	86.5	49.5	20.8	0.0
-52.5°	252.2	188.0	130.9	82.5	46.6	19.8	0.0
-55°	240.4	178.7	124.0	78.0	43.7	18.7	0.0
-57.5°	227.5	168.5	116.4	73.1	40.5	17.6	0.0
-60°	213.5	157.5	108.2	67.7	37.3	16.5	0.0
-62.5°	198.1	145.6	99.5	62.0	34.6	15.2	0.0
-65°	181.6	132.9	90.1	56.0	31.9	14.0	0.0
-67.5°	164.1	119.1	80.2	49.6	29.0	12.7	0.0
-70°	145.7	104.1	69.7	42.9	26.0	11.4	0.0
-72.5°	124.6	88.3	58.8	37.6	23.0	10.0	0.0
-75°	102.3	71.9	47.4	32.4	19.8	8.6	0.0
-77.5°	79.2	55.0	39.2	27.2	16.6	7.2	0.0
-80°	55.5	42.3	31.5	21.9	13.4	5.8	0.0
-82.5°	40.8	31.9	23.7	16.5	10.1	4.4	0.0
-85°	27.3	21.3	15.9	11.0	6.7	2.9	0.0
-87.5°	13.7	10.7	7.9	5.5	3.4	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)