

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: P627923 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-727-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627923 (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-SA6D-727-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N138
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

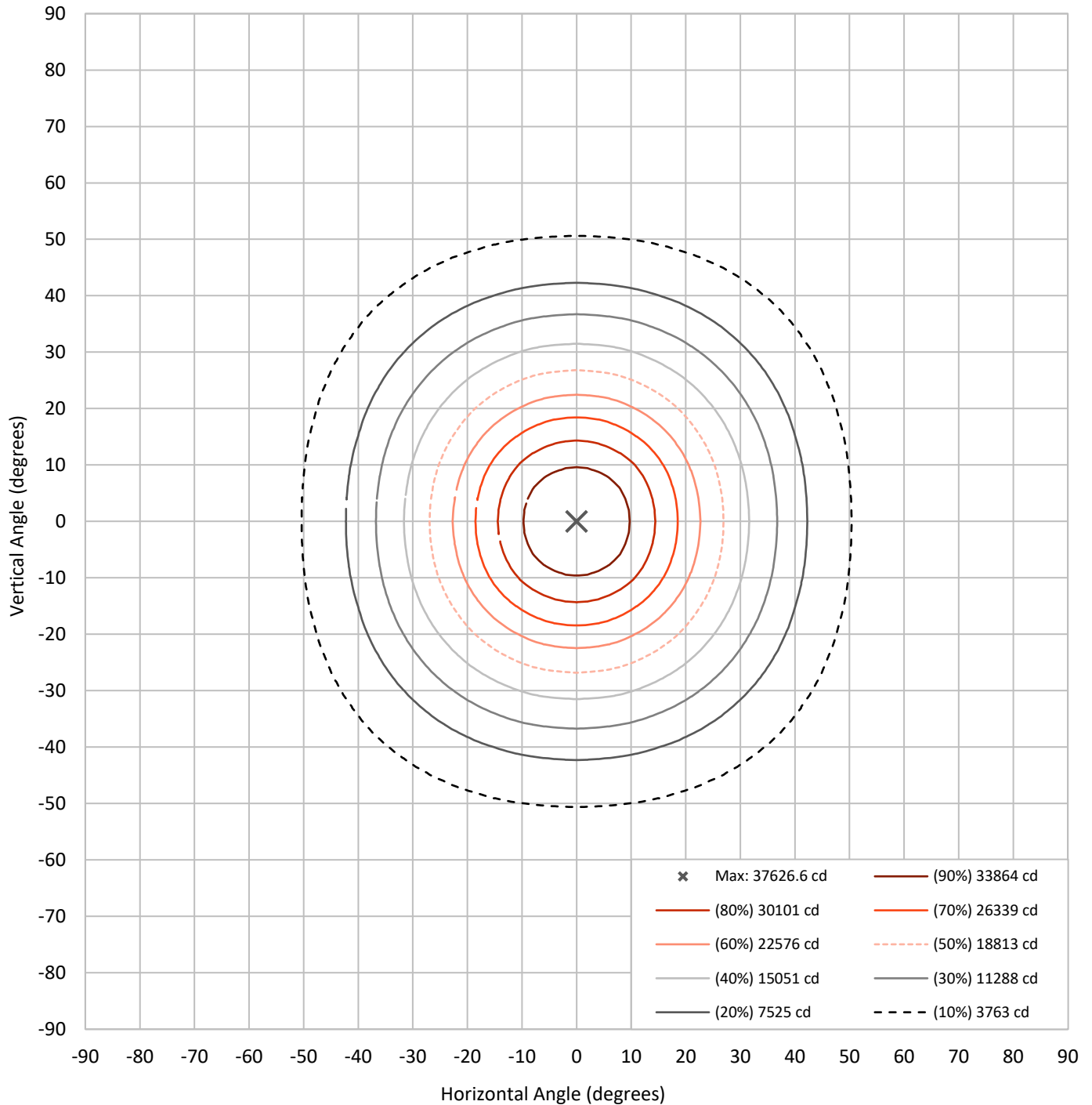
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	38295.1 lumens	Max Intensity:	37626.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.5 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:	18310.4 lumens	Field Lumens:	33796.7 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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





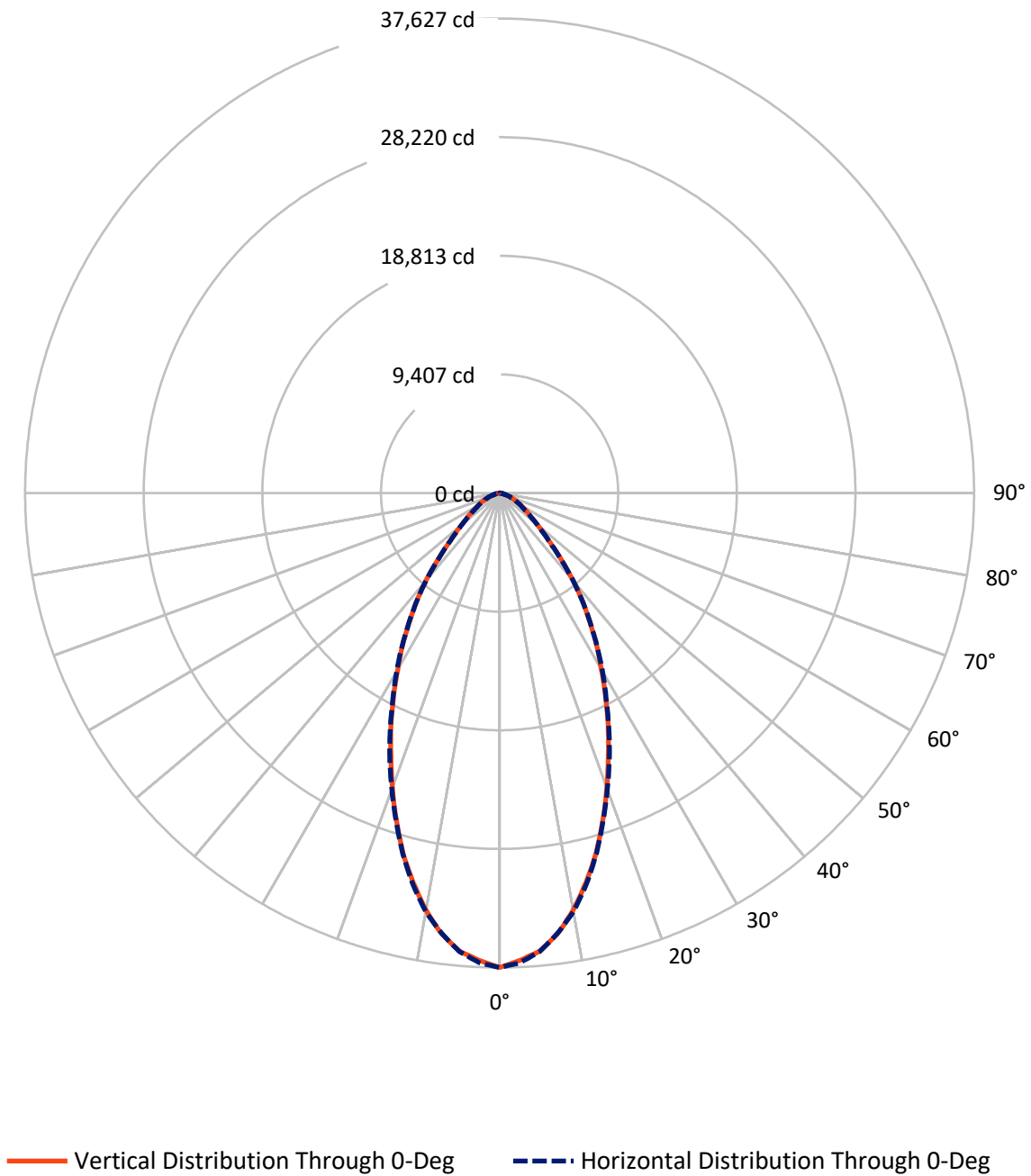
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Lumen Table

90																			
80	1.5	10.6		24.1		40.1		34.3		40.1		24.1		10.6		1.5			
70																			
60	5.0	5.8	11.0	17.6	25.5	33.1	38.9	41.7	41.7	38.9	33.1	25.5	17.6	11.0	5.8	5.0			
50		8.2	16.6	28.8	44.1	60.6	75.6	84.3	84.3	75.6	60.6	44.1	28.8	16.6	8.2				
40	7.3	10.5	22.9	42.9	72.3	111.2	153.2	181.3	181.3	153.2	111.2	72.3	42.9	22.9	10.5	7.3			
30		12.8	30.1	62.4	121.4	215.5	313.1	371.4	371.4	313.1	215.5	121.4	62.4	30.1	12.8				
20	8.7	15.0	37.5	87.3	196.2	352.7	504.7	603.3	603.3	504.7	352.7	196.2	87.3	37.5	15.0	8.7			
10		16.6	43.9	113.2	267.8	476.3	703.2	865.0	865.0	703.2	476.3	267.8	113.2	43.9	16.6				
0	9.1	17.5	47.6	130.0	308.3	553.7	842.6	1059.6	1059.6	842.6	553.7	308.3	130.0	47.6	17.5	9.1			
-10		17.5	47.6	130.0	308.3	553.7	842.6	1059.6	1059.6	842.6	553.7	308.3	130.0	47.6	17.5				
-20	8.7	16.6	43.9	113.2	267.8	476.3	703.2	865.0	865.0	703.2	476.3	267.8	113.2	43.9	16.6	8.7			
-30		15.0	37.5	87.3	196.2	352.7	504.7	603.3	603.3	504.7	352.7	196.2	87.3	37.5	15.0				
-40	7.3	12.8	30.1	62.4	121.4	215.5	313.1	371.4	371.4	313.1	215.5	121.4	62.4	30.1	12.8	7.3			
-50		10.5	22.9	42.9	72.3	111.2	153.2	181.3	181.3	153.2	111.2	72.3	42.9	22.9	10.5				
-60	5.0	8.2	16.6	28.8	44.1	60.6	75.6	84.3	84.3	75.6	60.6	44.1	28.8	16.6	8.2	5.0			
-70		5.8	11.0	17.6	25.5	33.1	38.9	41.7	41.7	38.9	33.1	25.5	17.6	11.0	5.8				
-80																			
-90	1.5	10.6		24.1		40.1		34.3		40.1		24.1		10.6		1.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

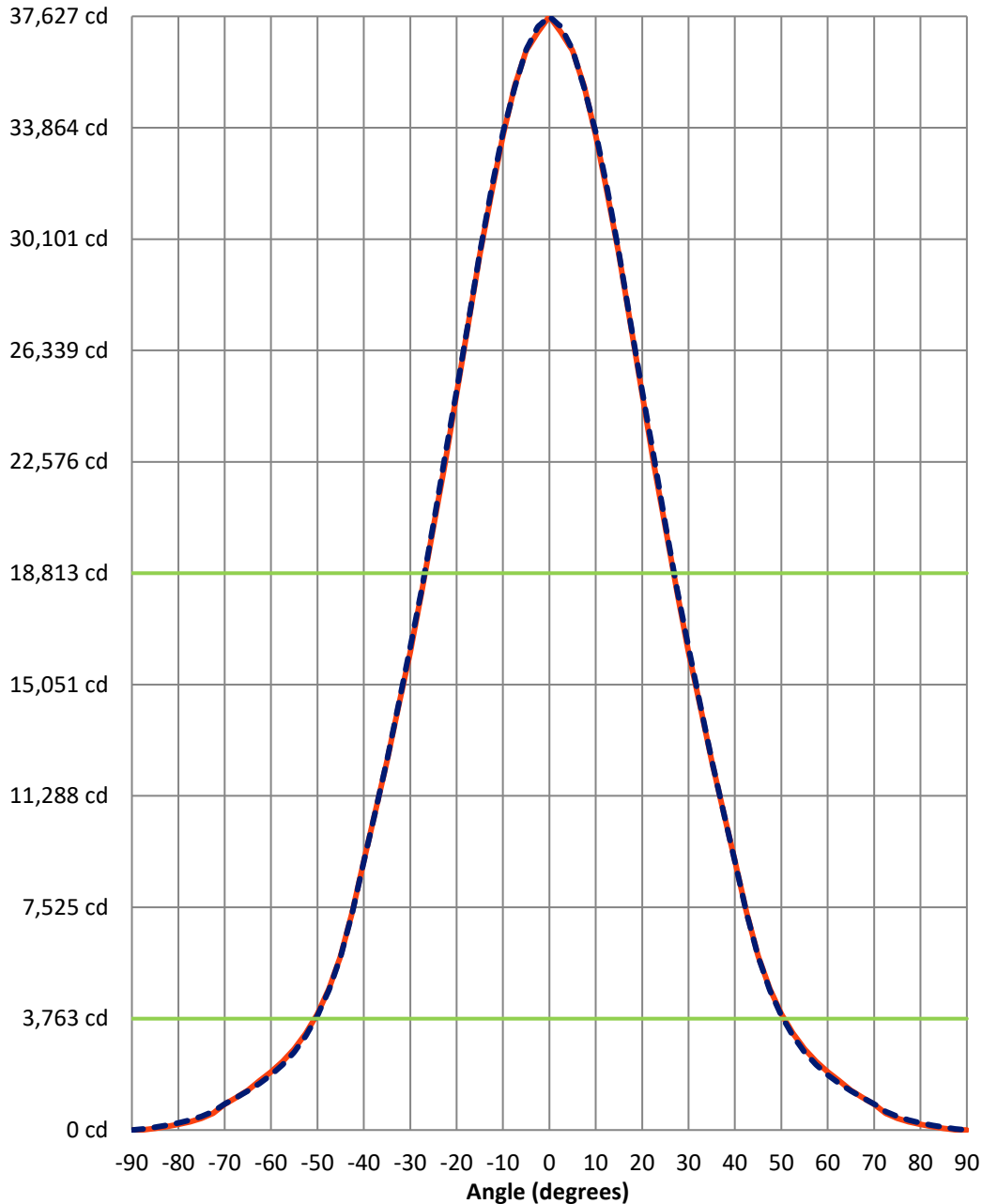
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 18310.4
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 33796.7
 Efficiency: 88.3%

Spill:
 Lumens: 4498.3
 Efficiency: 11.7%

- 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	1.9	4.4	7.2	10.4	13.9	17.9	19.8	21.4	22.6	23.6
85°	0.0	3.8	8.8	14.4	20.7	27.8	35.7	39.6	42.7	45.3	47.2
82.5°	0.0	5.7	13.1	21.5	31.0	41.6	53.3	59.4	65.4	75.8	85.0
80°	0.0	7.6	17.4	28.5	41.1	55.2	72.4	90.1	105.3	119.1	131.2
77.5°	0.0	9.5	21.7	35.5	51.1	71.9	103.4	126.2	145.2	162.3	179.3
75°	0.0	11.3	25.9	42.3	61.9	94.0	133.6	162.3	185.1	208.3	233.1
72.5°	0.0	13.1	30.0	49.0	76.7	115.4	162.7	197.7	225.1	254.6	286.1
70°	0.0	14.9	34.0	56.1	91.0	136.0	190.3	231.1	264.5	300.2	342.3
67.5°	0.0	16.6	37.8	64.8	104.7	155.6	214.4	263.8	303.0	347.4	397.8
65°	0.0	18.3	41.6	73.1	117.7	173.7	237.2	295.8	341.1	392.9	450.4
62.5°	0.0	19.9	45.2	81.0	130.0	190.2	258.8	326.1	377.6	436.4	499.3
60°	0.0	21.5	48.7	88.5	141.4	205.7	278.9	354.8	412.3	478.6	546.8
57.5°	0.0	23.0	52.9	95.4	152.1	220.1	297.2	380.7	447.6	519.3	590.5
55°	0.0	24.5	57.0	101.8	161.9	233.4	314.0	401.4	482.0	558.3	632.3
52.5°	0.0	25.9	60.9	107.7	171.0	245.6	329.4	423.8	515.1	595.5	673.2
50°	0.0	27.2	64.6	113.0	179.3	256.8	343.4	444.9	547.0	631.8	718.0
47.5°	0.0	28.4	68.2	117.9	186.7	266.9	356.4	464.1	578.5	667.1	762.1
45°	0.0	29.6	71.6	122.7	193.2	275.9	371.0	481.4	601.1	705.3	804.6
42.5°	0.0	30.7	74.8	126.9	198.8	283.6	384.0	498.3	621.8	742.1	848.8
40°	0.0	31.8	77.8	131.5	203.8	290.2	395.4	514.7	642.3	776.3	891.4
37.5°	0.0	32.7	80.6	136.3	208.4	295.6	405.2	529.6	664.7	803.3	931.9
35°	0.0	33.6	83.1	140.6	212.0	301.6	413.3	542.8	686.1	833.0	973.3
32.5°	0.0	34.4	85.5	144.6	214.8	307.4	420.7	554.4	706.6	863.2	1015.6
30°	0.0	35.1	87.6	148.2	216.8	311.8	429.0	565.7	725.9	893.6	1055.5
27.5°	0.0	35.7	89.6	151.4	221.4	315.0	435.8	579.7	746.1	924.2	1092.9
25°	0.0	36.3	91.3	154.1	225.9	316.9	441.0	592.3	768.6	954.1	1127.8
22.5°	0.0	36.7	92.8	156.5	229.8	319.3	444.8	603.3	790.1	981.6	1166.0
20°	0.0	37.1	94.0	158.4	233.2	325.1	446.9	612.6	810.4	1006.3	1200.1
17.5°	0.0	37.4	95.0	160.0	236.0	329.9	451.9	620.2	829.0	1028.1	1230.2
15°	0.0	37.6	95.8	161.1	238.3	333.6	458.0	627.3	845.8	1046.9	1256.0
12.5°	0.0	37.7	96.4	161.8	239.9	336.4	462.3	633.7	860.0	1062.5	1277.5
10°	0.0	37.8	96.7	162.2	241.0	338.1	465.0	637.3	871.0	1075.6	1294.9
7.5°	0.0	37.7	96.8	162.1	241.5	338.8	466.1	638.0	878.8	1085.7	1308.4
5°	0.0	37.6	96.6	161.6	241.4	338.5	465.7	636.1	883.0	1092.5	1317.4
2.5°	0.0	37.5	96.3	160.8	240.6	337.3	463.6	631.7	883.5	1095.9	1321.9
0°	0.0	37.2	95.7	159.6	239.3	335.1	460.1	624.9	880.2	1095.6	1321.7
-2.5°	0.0	37.5	96.3	160.8	240.6	337.3	463.6	631.7	883.5	1095.9	1321.9
-5°	0.0	37.6	96.6	161.6	241.4	338.5	465.7	636.1	883.0	1092.5	1317.4
-7.5°	0.0	37.7	96.8	162.1	241.5	338.8	466.1	638.0	878.8	1085.7	1308.4
-10°	0.0	37.8	96.7	162.2	241.0	338.1	465.0	637.3	871.0	1075.6	1294.9
-12.5°	0.0	37.7	96.4	161.8	239.9	336.4	462.3	633.7	860.0	1062.5	1277.5
-15°	0.0	37.6	95.8	161.1	238.3	333.6	458.0	627.3	845.8	1046.9	1256.0
-17.5°	0.0	37.4	95.0	160.0	236.0	329.9	451.9	620.2	829.0	1028.1	1230.2
-20°	0.0	37.1	94.0	158.4	233.2	325.1	446.9	612.6	810.4	1006.3	1200.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6D-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	36.7	92.8	156.5	229.8	319.3	444.8	603.3	790.1	981.6	1166.0
-25°	0.0	36.3	91.3	154.1	225.9	316.9	441.0	592.3	768.6	954.1	1127.8
-27.5°	0.0	35.7	89.6	151.4	221.4	315.0	435.8	579.7	746.1	924.2	1092.9
-30°	0.0	35.1	87.6	148.2	216.8	311.8	429.0	565.7	725.9	893.6	1055.5
-32.5°	0.0	34.4	85.5	144.6	214.8	307.4	420.7	554.4	706.6	863.2	1015.6
-35°	0.0	33.6	83.1	140.6	212.0	301.6	413.3	542.8	686.1	833.0	973.3
-37.5°	0.0	32.7	80.6	136.3	208.4	295.6	405.2	529.6	664.7	803.3	931.9
-40°	0.0	31.8	77.8	131.5	203.8	290.2	395.4	514.7	642.3	776.3	891.4
-42.5°	0.0	30.7	74.8	126.9	198.8	283.6	384.0	498.3	621.8	742.1	848.8
-45°	0.0	29.6	71.6	122.7	193.2	275.9	371.0	481.4	601.1	705.3	804.6
-47.5°	0.0	28.4	68.2	117.9	186.7	266.9	356.4	464.1	578.5	667.1	762.1
-50°	0.0	27.2	64.6	113.0	179.3	256.8	343.4	444.9	547.0	631.8	718.0
-52.5°	0.0	25.9	60.9	107.7	171.0	245.6	329.4	423.8	515.1	595.5	673.2
-55°	0.0	24.5	57.0	101.8	161.9	233.4	314.0	401.4	482.0	558.3	632.3
-57.5°	0.0	23.0	52.9	95.4	152.1	220.1	297.2	380.7	447.6	519.3	590.5
-60°	0.0	21.5	48.7	88.5	141.4	205.7	278.9	354.8	412.3	478.6	546.8
-62.5°	0.0	19.9	45.2	81.0	130.0	190.2	258.8	326.1	377.6	436.4	499.3
-65°	0.0	18.3	41.6	73.1	117.7	173.7	237.2	295.8	341.1	392.9	450.4
-67.5°	0.0	16.6	37.8	64.8	104.7	155.6	214.4	263.8	303.0	347.4	397.8
-70°	0.0	14.9	34.0	56.1	91.0	136.0	190.3	231.1	264.5	300.2	342.3
-72.5°	0.0	13.1	30.0	49.0	76.7	115.4	162.7	197.7	225.1	254.6	286.1
-75°	0.0	11.3	25.9	42.3	61.9	94.0	133.6	162.3	185.1	208.3	233.1
-77.5°	0.0	9.5	21.7	35.5	51.1	71.9	103.4	126.2	145.2	162.3	179.3
-80°	0.0	7.6	17.4	28.5	41.1	55.2	72.4	90.1	105.3	119.1	131.2
-82.5°	0.0	5.7	13.1	21.5	31.0	41.6	53.3	59.4	65.4	75.8	85.0
-85°	0.0	3.8	8.8	14.4	20.7	27.8	35.7	39.6	42.7	45.3	47.2
-87.5°	0.0	1.9	4.4	7.2	10.4	13.9	17.9	19.8	21.4	22.6	23.6
-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°	23.9	23.9	23.6	22.9	21.9	20.5	18.9	16.9	17.6	18.3	19.0
85°	47.9	48.0	51.9	55.6	57.3	57.5	56.4	53.9	60.9	69.0	77.5
82.5°	93.6	101.7	109.4	116.6	117.4	115.5	111.9	107.7	122.0	139.2	157.2
80°	143.5	155.5	169.3	182.2	185.2	183.9	179.9	173.4	192.1	218.7	247.3
77.5°	199.2	218.2	235.9	252.2	256.9	256.2	253.2	248.0	271.8	308.5	346.7
75°	257.9	280.9	303.7	323.7	332.3	333.0	332.0	337.6	369.0	412.1	450.0
72.5°	319.0	348.4	374.1	396.2	409.9	420.5	434.4	451.5	483.2	525.4	562.6
70°	383.7	416.2	443.4	467.9	489.0	511.9	541.4	570.6	604.0	646.1	684.8
67.5°	447.5	480.5	511.2	541.3	579.7	616.5	653.2	691.3	733.4	777.7	816.8
65°	506.7	544.0	581.4	625.1	675.1	716.8	761.9	811.5	866.7	916.6	962.0
62.5°	563.5	605.5	651.8	704.6	758.7	810.9	871.5	935.3	999.8	1062.3	1124.3
60°	611.5	663.8	719.9	779.5	842.0	913.1	984.2	1060.1	1137.1	1212.3	1289.0
57.5°	657.5	722.3	786.9	856.4	934.3	1015.6	1100.9	1186.3	1278.4	1369.5	1456.5
55°	705.4	781.6	855.3	937.6	1026.8	1122.3	1218.6	1322.2	1423.9	1538.6	1644.4
52.5°	756.5	839.5	926.0	1020.2	1124.4	1232.1	1345.0	1463.8	1590.5	1717.9	1847.1
50°	806.4	899.9	996.2	1108.9	1225.4	1348.4	1478.9	1617.3	1764.7	1912.2	2068.6
47.5°	858.5	958.3	1075.9	1198.3	1331.8	1471.9	1619.6	1784.1	1948.0	2133.7	2313.1
45°	910.0	1024.7	1152.3	1294.6	1441.2	1598.9	1774.5	1955.2	2164.3	2374.1	2609.9
42.5°	959.3	1091.7	1235.7	1387.7	1554.6	1735.8	1930.2	2157.3	2393.2	2652.9	2929.5
40°	1016.1	1155.7	1317.9	1487.9	1668.6	1875.7	2109.7	2361.9	2649.6	2957.2	3271.5
37.5°	1071.0	1227.9	1399.0	1583.3	1793.1	2026.4	2284.7	2593.8	2925.8	3275.5	3703.1
35°	1122.7	1296.7	1482.6	1684.4	1911.6	2182.0	2490.9	2832.5	3215.1	3666.1	4165.1
32.5°	1177.4	1361.8	1561.4	1787.9	2045.0	2340.4	2691.3	3093.4	3546.1	4059.8	4684.0
30°	1232.6	1428.7	1639.7	1884.8	2170.9	2512.6	2911.3	3355.7	3876.6	4520.8	5253.7
27.5°	1283.7	1491.3	1722.3	1987.4	2293.3	2671.5	3122.8	3643.8	4257.3	4985.4	5841.5
25°	1330.6	1548.3	1798.4	2085.2	2428.2	2843.0	3332.3	3909.3	4638.3	5506.5	6559.6
22.5°	1375.3	1600.2	1867.1	2173.1	2549.7	3009.0	3559.7	4219.9	5025.9	6000.2	7263.1
20°	1417.2	1656.4	1935.3	2257.3	2658.3	3158.9	3768.8	4509.9	5427.0	6580.5	7953.0
17.5°	1454.1	1705.9	1999.9	2348.2	2779.5	3311.3	3966.0	4766.0	5784.1	7098.7	8589.5
15°	1485.8	1748.6	2055.8	2427.0	2888.5	3462.6	4173.0	5046.8	6156.6	7570.0	9148.5
12.5°	1512.2	1784.3	2102.7	2493.2	2980.1	3590.6	4349.8	5297.0	6519.5	8013.9	9639.2
10°	1533.2	1813.0	2140.5	2546.7	3054.0	3694.6	4495.5	5501.7	6821.4	8394.4	10054.3
7.5°	1550.8	1835.4	2169.5	2587.3	3109.9	3774.0	4608.8	5659.6	7057.4	8695.7	10372.8
5°	1563.2	1851.4	2191.5	2615.7	3150.9	3829.4	4688.2	5770.1	7225.3	8914.1	10590.7
2.5°	1570.3	1860.1	2204.1	2630.8	3176.1	3860.7	4729.7	5839.4	7317.5	9038.7	10722.3
0°	1571.7	1861.5	2207.2	2632.7	3183.2	3866.6	4736.2	5861.1	7337.0	9070.9	10770.2
-2.5°	1570.3	1860.1	2204.1	2630.8	3176.1	3860.7	4729.7	5839.4	7317.5	9038.7	10722.3
-5°	1563.2	1851.4	2191.5	2615.7	3150.9	3829.4	4688.2	5770.1	7225.3	8914.1	10590.7
-7.5°	1550.8	1835.4	2169.5	2587.3	3109.9	3774.0	4608.8	5659.6	7057.4	8695.7	10372.8
-10°	1533.2	1813.0	2140.5	2546.7	3054.0	3694.6	4495.5	5501.7	6821.4	8394.4	10054.3
-12.5°	1512.2	1784.3	2102.7	2493.2	2980.1	3590.6	4349.8	5297.0	6519.5	8013.9	9639.2
-15°	1485.8	1748.6	2055.8	2427.0	2888.5	3462.6	4173.0	5046.8	6156.6	7570.0	9148.5
-17.5°	1454.1	1705.9	1999.9	2348.2	2779.5	3311.3	3966.0	4766.0	5784.1	7098.7	8589.5
-20°	1417.2	1656.4	1935.3	2257.3	2658.3	3158.9	3768.8	4509.9	5427.0	6580.5	7953.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627923 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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°	1375.3	1600.2	1867.1	2173.1	2549.7	3009.0	3559.7	4219.9	5025.9	6000.2	7263.1
-25°	1330.6	1548.3	1798.4	2085.2	2428.2	2843.0	3332.3	3909.3	4638.3	5506.5	6559.6
-27.5°	1283.7	1491.3	1722.3	1987.4	2293.3	2671.5	3122.8	3643.8	4257.3	4985.4	5841.5
-30°	1232.6	1428.7	1639.7	1884.8	2170.9	2512.6	2911.3	3355.7	3876.6	4520.8	5253.7
-32.5°	1177.4	1361.8	1561.4	1787.9	2045.0	2340.4	2691.3	3093.4	3546.1	4059.8	4684.0
-35°	1122.7	1296.7	1482.6	1684.4	1911.6	2182.0	2490.9	2832.5	3215.1	3666.1	4165.1
-37.5°	1071.0	1227.9	1399.0	1583.3	1793.1	2026.4	2284.7	2593.8	2925.8	3275.5	3703.1
-40°	1016.1	1155.7	1317.9	1487.9	1668.6	1875.7	2109.7	2361.9	2649.6	2957.2	3271.5
-42.5°	959.3	1091.7	1235.7	1387.7	1554.6	1735.8	1930.2	2157.3	2393.2	2652.9	2929.5
-45°	910.0	1024.7	1152.3	1294.6	1441.2	1598.9	1774.5	1955.2	2164.3	2374.1	2609.9
-47.5°	858.5	958.3	1075.9	1198.3	1331.8	1471.9	1619.6	1784.1	1948.0	2133.7	2313.1
-50°	806.4	899.9	996.2	1108.9	1225.4	1348.4	1478.9	1617.3	1764.7	1912.2	2068.6
-52.5°	756.5	839.5	926.0	1020.2	1124.4	1232.1	1345.0	1463.8	1590.5	1717.9	1847.1
-55°	705.4	781.6	855.3	937.6	1026.8	1122.3	1218.6	1322.2	1423.9	1538.6	1644.4
-57.5°	657.5	722.3	786.9	856.4	934.3	1015.6	1100.9	1186.3	1278.4	1369.5	1456.5
-60°	611.5	663.8	719.9	779.5	842.0	913.1	984.2	1060.1	1137.1	1212.3	1289.0
-62.5°	563.5	605.5	651.8	704.6	758.7	810.9	871.5	935.3	999.8	1062.3	1124.3
-65°	506.7	544.0	581.4	625.1	675.1	716.8	761.9	811.5	866.7	916.6	962.0
-67.5°	447.5	480.5	511.2	541.3	579.7	616.5	653.2	691.3	733.4	777.7	816.8
-70°	383.7	416.2	443.4	467.9	489.0	511.9	541.4	570.6	604.0	646.1	684.8
-72.5°	319.0	348.4	374.1	396.2	409.9	420.5	434.4	451.5	483.2	525.4	562.6
-75°	257.9	280.9	303.7	323.7	332.3	333.0	332.0	337.6	369.0	412.1	450.0
-77.5°	199.2	218.2	235.9	252.2	256.9	256.2	253.2	248.0	271.8	308.5	346.7
-80°	143.5	155.5	169.3	182.2	185.2	183.9	179.9	173.4	192.1	218.7	247.3
-82.5°	93.6	101.7	109.4	116.6	117.4	115.5	111.9	107.7	122.0	139.2	157.2
-85°	47.9	48.0	51.9	55.6	57.3	57.5	56.4	53.9	60.9	69.0	77.5
-87.5°	23.9	23.9	23.6	22.9	21.9	20.5	18.9	16.9	17.6	18.3	19.0
-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: P627923 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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°	19.6	19.0	18.4	17.7	16.9	16.6	16.3	15.9	15.5	14.3	13.1
85°	86.5	88.4	89.5	90.0	90.0	92.9	95.6	98.1	100.2	90.8	80.5
82.5°	175.9	184.1	191.4	198.6	205.7	210.6	214.3	217.0	218.7	198.0	174.7
80°	276.8	294.2	308.5	322.3	335.4	338.6	338.6	336.7	333.1	304.8	272.7
77.5°	385.0	407.7	425.7	443.5	461.1	467.6	470.7	473.2	474.8	439.7	396.5
75°	483.1	510.2	535.4	558.7	580.3	591.8	598.6	604.1	608.4	573.2	526.8
72.5°	595.0	623.6	650.9	676.8	699.7	714.9	724.8	733.0	739.3	719.3	690.3
70°	718.0	747.6	776.5	803.5	829.3	849.7	865.8	879.6	891.1	893.3	892.3
67.5°	854.6	889.6	923.9	953.3	984.0	1012.8	1038.1	1059.2	1076.0	1087.1	1093.3
65°	1007.9	1060.6	1107.4	1147.1	1180.3	1218.7	1252.6	1278.5	1296.8	1310.7	1322.6
62.5°	1188.6	1252.4	1305.9	1358.8	1413.4	1466.5	1499.7	1533.0	1565.5	1596.2	1622.5
60°	1362.5	1432.4	1504.9	1572.5	1635.1	1692.6	1752.2	1804.9	1851.1	1889.7	1918.5
57.5°	1547.8	1633.0	1715.4	1801.2	1882.0	1957.3	2030.8	2098.7	2157.4	2206.8	2247.2
55°	1748.9	1853.0	1951.1	2060.0	2165.6	2261.9	2350.5	2441.4	2523.3	2595.3	2652.5
52.5°	1965.8	2101.2	2231.0	2358.8	2495.7	2619.2	2729.8	2855.8	2967.5	3059.8	3131.8
50°	2224.7	2383.8	2555.1	2713.6	2886.2	3056.3	3213.0	3364.9	3513.4	3641.8	3745.7
47.5°	2519.5	2715.3	2927.5	3137.7	3352.0	3584.4	3791.8	3984.5	4192.1	4372.4	4517.0
45°	2847.2	3096.8	3353.2	3648.6	3920.7	4219.3	4495.6	4743.9	5038.3	5297.7	5506.5
42.5°	3210.8	3543.3	3880.4	4252.5	4613.5	4992.6	5395.3	5752.4	6143.0	6515.3	6816.1
40°	3661.4	4058.9	4510.3	4960.7	5478.9	5965.8	6552.3	7085.4	7569.5	8013.4	8377.2
37.5°	4162.1	4673.8	5241.0	5827.7	6536.8	7231.8	7918.4	8566.6	9138.9	9624.8	10032.4
35°	4730.6	5380.8	6067.8	6924.2	7755.0	8587.5	9363.0	10071.5	10693.9	11242.1	11708.3
32.5°	5384.5	6164.9	7126.6	8088.7	9036.4	9953.0	10804.4	11577.1	12259.8	12875.3	13411.3
30°	6072.0	7136.8	8216.2	9271.7	10306.7	11310.7	12245.1	13096.2	13867.6	14552.8	15170.4
27.5°	6945.6	8125.6	9302.6	10440.4	11579.2	12677.9	13690.6	14636.1	15521.2	16295.7	17001.6
25°	7790.5	9094.2	10345.4	11586.0	12825.5	14005.2	15137.5	16205.5	17219.1	18108.0	18896.1
22.5°	8635.4	9999.9	11337.0	12670.9	14002.4	15317.5	16588.9	17812.5	18946.1	19958.2	20845.4
20°	9417.9	10844.3	12274.2	13712.2	15155.4	16595.0	18023.0	19399.9	20662.8	21831.4	22858.2
17.5°	10119.4	11636.4	13152.3	14690.5	16255.1	17818.0	19404.3	20947.8	22391.6	23721.2	24912.5
15°	10740.7	12323.6	13951.7	15611.5	17291.6	18988.9	20719.9	22446.9	24072.1	25582.3	26912.2
12.5°	11283.9	12929.5	14635.9	16399.6	18223.0	20072.1	21961.2	23854.2	25653.5	27396.9	28832.9
10°	11732.0	13444.9	15228.4	17081.5	19004.5	20994.6	23021.2	25059.0	27041.3	28890.8	30533.0
7.5°	12078.2	13855.2	15693.0	17620.3	19637.8	21736.4	23883.3	26045.8	28161.2	30154.1	31971.1
5°	12322.4	14153.8	16014.8	18019.6	20107.1	22281.9	24513.2	26766.8	28978.2	31073.6	32956.7
2.5°	12464.1	14333.1	16202.1	18262.2	20386.3	22612.0	24903.9	27194.5	29464.2	31637.5	33572.6
0°	12501.4	14386.9	16309.6	18288.1	20474.0	22766.4	24976.2	27273.9	29632.7	31776.1	33704.1
-2.5°	12464.1	14333.1	16202.1	18262.2	20386.3	22612.0	24903.9	27194.5	29464.2	31637.5	33572.6
-5°	12322.4	14153.8	16014.8	18019.6	20107.1	22281.9	24513.2	26766.8	28978.2	31073.6	32956.7
-7.5°	12078.2	13855.2	15693.0	17620.3	19637.8	21736.4	23883.3	26045.8	28161.2	30154.1	31971.1
-10°	11732.0	13444.9	15228.4	17081.5	19004.5	20994.6	23021.2	25059.0	27041.3	28890.8	30533.0
-12.5°	11283.9	12929.5	14635.9	16399.6	18223.0	20072.1	21961.2	23854.2	25653.5	27396.9	28832.9
-15°	10740.7	12323.6	13951.7	15611.5	17291.6	18988.9	20719.9	22446.9	24072.1	25582.3	26912.2
-17.5°	10119.4	11636.4	13152.3	14690.5	16255.1	17818.0	19404.3	20947.8	22391.6	23721.2	24912.5
-20°	9417.9	10844.3	12274.2	13712.2	15155.4	16595.0	18023.0	19399.9	20662.8	21831.4	22858.2



REPORT NUMBER: P627923 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8635.4	9999.9	11337.0	12670.9	14002.4	15317.5	16588.9	17812.5	18946.1	19958.2	20845.4
-25°	7790.5	9094.2	10345.4	11586.0	12825.5	14005.2	15137.5	16205.5	17219.1	18108.0	18896.1
-27.5°	6945.6	8125.6	9302.6	10440.4	11579.2	12677.9	13690.6	14636.1	15521.2	16295.7	17001.6
-30°	6072.0	7136.8	8216.2	9271.7	10306.7	11310.7	12245.1	13096.2	13867.6	14552.8	15170.4
-32.5°	5384.5	6164.9	7126.6	8088.7	9036.4	9953.0	10804.4	11577.1	12259.8	12875.3	13411.3
-35°	4730.6	5380.8	6067.8	6924.2	7755.0	8587.5	9363.0	10071.5	10693.9	11242.1	11708.3
-37.5°	4162.1	4673.8	5241.0	5827.7	6536.8	7231.8	7918.4	8566.6	9138.9	9624.8	10032.4
-40°	3661.4	4058.9	4510.3	4960.7	5478.9	5965.8	6552.3	7085.4	7569.5	8013.4	8377.2
-42.5°	3210.8	3543.3	3880.4	4252.5	4613.5	4992.6	5395.3	5752.4	6143.0	6515.3	6816.1
-45°	2847.2	3096.8	3353.2	3648.6	3920.7	4219.3	4495.6	4743.9	5038.3	5297.7	5506.5
-47.5°	2519.5	2715.3	2927.5	3137.7	3352.0	3584.4	3791.8	3984.5	4192.1	4372.4	4517.0
-50°	2224.7	2383.8	2555.1	2713.6	2886.2	3056.3	3213.0	3364.9	3513.4	3641.8	3745.7
-52.5°	1965.8	2101.2	2231.0	2358.8	2495.7	2619.2	2729.8	2855.8	2967.5	3059.8	3131.8
-55°	1748.9	1853.0	1951.1	2060.0	2165.6	2261.9	2350.5	2441.4	2523.3	2595.3	2652.5
-57.5°	1547.8	1633.0	1715.4	1801.2	1882.0	1957.3	2030.8	2098.7	2157.4	2206.8	2247.2
-60°	1362.5	1432.4	1504.9	1572.5	1635.1	1692.6	1752.2	1804.9	1851.1	1889.7	1918.5
-62.5°	1188.6	1252.4	1305.9	1358.8	1413.4	1466.5	1499.7	1533.0	1565.5	1596.2	1622.5
-65°	1007.9	1060.6	1107.4	1147.1	1180.3	1218.7	1252.6	1278.5	1296.8	1310.7	1322.6
-67.5°	854.6	889.6	923.9	953.3	984.0	1012.8	1038.1	1059.2	1076.0	1087.1	1093.3
-70°	718.0	747.6	776.5	803.5	829.3	849.7	865.8	879.6	891.1	893.3	892.3
-72.5°	595.0	623.6	650.9	676.8	699.7	714.9	724.8	733.0	739.3	719.3	690.3
-75°	483.1	510.2	535.4	558.7	580.3	591.8	598.6	604.1	608.4	573.2	526.8
-77.5°	385.0	407.7	425.7	443.5	461.1	467.6	470.7	473.2	474.8	439.7	396.5
-80°	276.8	294.2	308.5	322.3	335.4	338.6	338.6	336.7	333.1	304.8	272.7
-82.5°	175.9	184.1	191.4	198.6	205.7	210.6	214.3	217.0	218.7	198.0	174.7
-85°	86.5	88.4	89.5	90.0	90.0	92.9	95.6	98.1	100.2	90.8	80.5
-87.5°	19.6	19.0	18.4	17.7	16.9	16.6	16.3	15.9	15.5	14.3	13.1
-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: P627923 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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°	11.9	10.6	9.3	8.0	9.3	10.6	11.9	13.1	14.3	15.5	15.9
85°	69.6	58.2	57.1	55.8	57.1	58.2	69.6	80.5	90.8	100.2	98.1
82.5°	150.2	124.7	120.9	117.0	120.9	124.7	150.2	174.7	198.0	218.7	217.0
80°	239.2	204.7	198.0	191.5	198.0	204.7	239.2	272.7	304.8	333.1	336.7
77.5°	351.0	303.7	289.8	276.6	289.8	303.7	351.0	396.5	439.7	474.8	473.2
75°	478.7	428.8	412.0	396.2	412.0	428.8	478.7	526.8	573.2	608.4	604.1
72.5°	661.0	630.7	600.0	566.4	600.0	630.7	661.0	690.3	719.3	739.3	733.0
70°	891.4	889.2	881.5	869.6	881.5	889.2	891.4	892.3	893.3	891.1	879.6
67.5°	1096.0	1095.1	1097.8	1098.3	1097.8	1095.1	1096.0	1093.3	1087.1	1076.0	1059.2
65°	1329.8	1332.4	1337.9	1340.3	1337.9	1332.4	1329.8	1322.6	1310.7	1296.8	1278.5
62.5°	1642.5	1656.1	1662.8	1662.1	1662.8	1656.1	1642.5	1622.5	1596.2	1565.5	1533.0
60°	1940.0	1954.1	1963.0	1965.2	1963.0	1954.1	1940.0	1918.5	1889.7	1851.1	1804.9
57.5°	2279.1	2302.3	2314.5	2316.3	2314.5	2302.3	2279.1	2247.2	2206.8	2157.4	2098.7
55°	2696.4	2727.0	2740.7	2739.1	2740.7	2727.0	2696.4	2652.5	2595.3	2523.3	2441.4
52.5°	3186.1	3223.4	3251.3	3268.3	3251.3	3223.4	3186.1	3131.8	3059.8	2967.5	2855.8
50°	3823.8	3877.3	3911.3	3925.1	3911.3	3877.3	3823.8	3745.7	3641.8	3513.4	3364.9
47.5°	4621.5	4692.4	4744.9	4781.4	4744.9	4692.4	4621.5	4517.0	4372.4	4192.1	3984.5
45°	5660.8	5768.8	5842.2	5885.1	5842.2	5768.8	5660.8	5506.5	5297.7	5038.3	4743.9
42.5°	7051.1	7218.8	7321.6	7361.0	7321.6	7218.8	7051.1	6816.1	6515.3	6143.0	5752.4
40°	8664.6	8866.1	8998.2	9089.5	8998.2	8866.1	8664.6	8377.2	8013.4	7569.5	7085.4
37.5°	10345.2	10556.8	10685.5	10772.9	10685.5	10556.8	10345.2	10032.4	9624.8	9138.9	8566.6
35°	12059.8	12281.2	12402.0	12469.5	12402.0	12281.2	12059.8	11708.3	11242.1	10693.9	10071.5
32.5°	13819.9	14063.9	14195.2	14331.0	14195.2	14063.9	13819.9	13411.3	12875.3	12259.8	11577.1
30°	15658.3	15938.4	16075.8	16142.0	16075.8	15938.4	15658.3	15170.4	14552.8	13867.6	13096.2
27.5°	17571.3	17920.5	18092.4	18205.6	18092.4	17920.5	17571.3	17001.6	16295.7	15521.2	14636.1
25°	19561.8	19994.4	20191.4	20367.7	20191.4	19994.4	19561.8	18896.1	18108.0	17219.1	16205.5
22.5°	21627.0	22165.7	22393.8	22519.0	22393.8	22165.7	21627.0	20845.4	19958.2	18946.1	17812.5
20°	23746.1	24389.8	24706.7	24869.9	24706.7	24389.8	23746.1	22858.2	21831.4	20662.8	19399.9
17.5°	25913.1	26713.8	27123.9	27218.0	27123.9	26713.8	25913.1	24912.5	23721.2	22391.6	20947.8
15°	28040.4	28906.4	29391.3	29568.9	29391.3	28906.4	28040.4	26912.2	25582.3	24072.1	22446.9
12.5°	30055.0	30952.7	31531.9	31635.2	31531.9	30952.7	30055.0	28832.9	27396.9	25653.5	23854.2
10°	31882.1	32812.0	33451.9	33597.7	33451.9	32812.0	31882.1	30533.0	28890.8	27041.3	25059.0
7.5°	33409.6	34429.9	35136.8	35259.8	35136.8	34429.9	33409.6	31971.1	30154.1	28161.2	26045.8
5°	34527.2	35738.6	36318.8	36464.5	36318.8	35738.6	34527.2	32956.7	31073.6	28978.2	26766.8
2.5°	35140.3	36373.5	37179.9	37086.7	37179.9	36373.5	35140.3	33572.6	31637.5	29464.2	27194.5
0°	35209.3	36499.0	37270.2	37626.6	37270.2	36499.0	35209.3	33704.1	31776.1	29632.7	27273.9
-2.5°	35140.3	36373.5	37179.9	37086.7	37179.9	36373.5	35140.3	33572.6	31637.5	29464.2	27194.5
-5°	34527.2	35738.6	36318.8	36464.5	36318.8	35738.6	34527.2	32956.7	31073.6	28978.2	26766.8
-7.5°	33409.6	34429.9	35136.8	35259.8	35136.8	34429.9	33409.6	31971.1	30154.1	28161.2	26045.8
-10°	31882.1	32812.0	33451.9	33597.7	33451.9	32812.0	31882.1	30533.0	28890.8	27041.3	25059.0
-12.5°	30055.0	30952.7	31531.9	31635.2	31531.9	30952.7	30055.0	28832.9	27396.9	25653.5	23854.2
-15°	28040.4	28906.4	29391.3	29568.9	29391.3	28906.4	28040.4	26912.2	25582.3	24072.1	22446.9
-17.5°	25913.1	26713.8	27123.9	27218.0	27123.9	26713.8	25913.1	24912.5	23721.2	22391.6	20947.8
-20°	23746.1	24389.8	24706.7	24869.9	24706.7	24389.8	23746.1	22858.2	21831.4	20662.8	19399.9



REPORT NUMBER: P627923 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-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°	21627.0	22165.7	22393.8	22519.0	22393.8	22165.7	21627.0	20845.4	19958.2	18946.1	17812.5
-25°	19561.8	19994.4	20191.4	20367.7	20191.4	19994.4	19561.8	18896.1	18108.0	17219.1	16205.5
-27.5°	17571.3	17920.5	18092.4	18205.6	18092.4	17920.5	17571.3	17001.6	16295.7	15521.2	14636.1
-30°	15658.3	15938.4	16075.8	16142.0	16075.8	15938.4	15658.3	15170.4	14552.8	13867.6	13096.2
-32.5°	13819.9	14063.9	14195.2	14331.0	14195.2	14063.9	13819.9	13411.3	12875.3	12259.8	11577.1
-35°	12059.8	12281.2	12402.0	12469.5	12402.0	12281.2	12059.8	11708.3	11242.1	10693.9	10071.5
-37.5°	10345.2	10556.8	10685.5	10772.9	10685.5	10556.8	10345.2	10032.4	9624.8	9138.9	8566.6
-40°	8664.6	8866.1	8998.2	9089.5	8998.2	8866.1	8664.6	8377.2	8013.4	7569.5	7085.4
-42.5°	7051.1	7218.8	7321.6	7361.0	7321.6	7218.8	7051.1	6816.1	6515.3	6143.0	5752.4
-45°	5660.8	5768.8	5842.2	5885.1	5842.2	5768.8	5660.8	5506.5	5297.7	5038.3	4743.9
-47.5°	4621.5	4692.4	4744.9	4781.4	4744.9	4692.4	4621.5	4517.0	4372.4	4192.1	3984.5
-50°	3823.8	3877.3	3911.3	3925.1	3911.3	3877.3	3823.8	3745.7	3641.8	3513.4	3364.9
-52.5°	3186.1	3223.4	3251.3	3268.3	3251.3	3223.4	3186.1	3131.8	3059.8	2967.5	2855.8
-55°	2696.4	2727.0	2740.7	2739.1	2740.7	2727.0	2696.4	2652.5	2595.3	2523.3	2441.4
-57.5°	2279.1	2302.3	2314.5	2316.3	2314.5	2302.3	2279.1	2247.2	2206.8	2157.4	2098.7
-60°	1940.0	1954.1	1963.0	1965.2	1963.0	1954.1	1940.0	1918.5	1889.7	1851.1	1804.9
-62.5°	1642.5	1656.1	1662.8	1662.1	1662.8	1656.1	1642.5	1622.5	1596.2	1565.5	1533.0
-65°	1329.8	1332.4	1337.9	1340.3	1337.9	1332.4	1329.8	1322.6	1310.7	1296.8	1278.5
-67.5°	1096.0	1095.1	1097.8	1098.3	1097.8	1095.1	1096.0	1093.3	1087.1	1076.0	1059.2
-70°	891.4	889.2	881.5	869.6	881.5	889.2	891.4	892.3	893.3	891.1	879.6
-72.5°	661.0	630.7	600.0	566.4	600.0	630.7	661.0	690.3	719.3	739.3	733.0
-75°	478.7	428.8	412.0	396.2	412.0	428.8	478.7	526.8	573.2	608.4	604.1
-77.5°	351.0	303.7	289.8	276.6	289.8	303.7	351.0	396.5	439.7	474.8	473.2
-80°	239.2	204.7	198.0	191.5	198.0	204.7	239.2	272.7	304.8	333.1	336.7
-82.5°	150.2	124.7	120.9	117.0	120.9	124.7	150.2	174.7	198.0	218.7	217.0
-85°	69.6	58.2	57.1	55.8	57.1	58.2	69.6	80.5	90.8	100.2	98.1
-87.5°	11.9	10.6	9.3	8.0	9.3	10.6	11.9	13.1	14.3	15.5	15.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627923 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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°	16.3	16.6	16.9	17.7	18.4	19.0	19.6	19.0	18.3	17.6	16.9
85°	95.6	92.9	90.0	90.0	89.5	88.4	86.5	77.5	69.0	60.9	53.9
82.5°	214.3	210.6	205.7	198.6	191.4	184.1	175.9	157.2	139.2	122.0	107.7
80°	338.6	338.6	335.4	322.3	308.5	294.2	276.8	247.3	218.7	192.1	173.4
77.5°	470.7	467.6	461.1	443.5	425.7	407.7	385.0	346.7	308.5	271.8	248.0
75°	598.6	591.8	580.3	558.7	535.4	510.2	483.1	450.0	412.1	369.0	337.6
72.5°	724.8	714.9	699.7	676.8	650.9	623.6	595.0	562.6	525.4	483.2	451.5
70°	865.8	849.7	829.3	803.5	776.5	747.6	718.0	684.8	646.1	604.0	570.6
67.5°	1038.1	1012.8	984.0	953.3	923.9	889.6	854.6	816.8	777.7	733.4	691.3
65°	1252.6	1218.7	1180.3	1147.1	1107.4	1060.6	1007.9	962.0	916.6	866.7	811.5
62.5°	1499.7	1466.5	1413.4	1358.8	1305.9	1252.4	1188.6	1124.3	1062.3	999.8	935.3
60°	1752.2	1692.6	1635.1	1572.5	1504.9	1432.4	1362.5	1289.0	1212.3	1137.1	1060.1
57.5°	2030.8	1957.3	1882.0	1801.2	1715.4	1633.0	1547.8	1456.5	1369.5	1278.4	1186.3
55°	2350.5	2261.9	2165.6	2060.0	1951.1	1853.0	1748.9	1644.4	1538.6	1423.9	1322.2
52.5°	2729.8	2619.2	2495.7	2358.8	2231.0	2101.2	1965.8	1847.1	1717.9	1590.5	1463.8
50°	3213.0	3056.3	2886.2	2713.6	2555.1	2383.8	2224.7	2068.6	1912.2	1764.7	1617.3
47.5°	3791.8	3584.4	3352.0	3137.7	2927.5	2715.3	2519.5	2313.1	2133.7	1948.0	1784.1
45°	4495.6	4219.3	3920.7	3648.6	3353.2	3096.8	2847.2	2609.9	2374.1	2164.3	1955.2
42.5°	5395.3	4992.6	4613.5	4252.5	3880.4	3543.3	3210.8	2929.5	2652.9	2393.2	2157.3
40°	6552.3	5965.8	5478.9	4960.7	4510.3	4058.9	3661.4	3271.5	2957.2	2649.6	2361.9
37.5°	7918.4	7231.8	6536.8	5827.7	5241.0	4673.8	4162.1	3703.1	3275.5	2925.8	2593.8
35°	9363.0	8587.5	7755.0	6924.2	6067.8	5380.8	4730.6	4165.1	3666.1	3215.1	2832.5
32.5°	10804.4	9953.0	9036.4	8088.7	7126.6	6164.9	5384.5	4684.0	4059.8	3546.1	3093.4
30°	12245.1	11310.7	10306.7	9271.7	8216.2	7136.8	6072.0	5253.7	4520.8	3876.6	3355.7
27.5°	13690.6	12677.9	11579.2	10440.4	9302.6	8125.6	6945.6	5841.5	4985.4	4257.3	3643.8
25°	15137.5	14005.2	12825.5	11586.0	10345.4	9094.2	7790.5	6559.6	5506.5	4638.3	3909.3
22.5°	16588.9	15317.5	14002.4	12670.9	11337.0	9999.9	8635.4	7263.1	6000.2	5025.9	4219.9
20°	18023.0	16595.0	15155.4	13712.2	12274.2	10844.3	9417.9	7953.0	6580.5	5427.0	4509.9
17.5°	19404.3	17818.0	16255.1	14690.5	13152.3	11636.4	10119.4	8589.5	7098.7	5784.1	4766.0
15°	20719.9	18988.9	17291.6	15611.5	13951.7	12323.6	10740.7	9148.5	7570.0	6156.6	5046.8
12.5°	21961.2	20072.1	18223.0	16399.6	14635.9	12929.5	11283.9	9639.2	8013.9	6519.5	5297.0
10°	23021.2	20994.6	19004.5	17081.5	15228.4	13444.9	11732.0	10054.3	8394.4	6821.4	5501.7
7.5°	23883.3	21736.4	19637.8	17620.3	15693.0	13855.2	12078.2	10372.8	8695.7	7057.4	5659.6
5°	24513.2	22281.9	20107.1	18019.6	16014.8	14153.8	12322.4	10590.7	8914.1	7225.3	5770.1
2.5°	24903.9	22612.0	20386.3	18262.2	16202.1	14333.1	12464.1	10722.3	9038.7	7317.5	5839.4
0°	24976.2	22766.4	20474.0	18288.1	16309.6	14386.9	12501.4	10770.2	9070.9	7337.0	5861.1
-2.5°	24903.9	22612.0	20386.3	18262.2	16202.1	14333.1	12464.1	10722.3	9038.7	7317.5	5839.4
-5°	24513.2	22281.9	20107.1	18019.6	16014.8	14153.8	12322.4	10590.7	8914.1	7225.3	5770.1
-7.5°	23883.3	21736.4	19637.8	17620.3	15693.0	13855.2	12078.2	10372.8	8695.7	7057.4	5659.6
-10°	23021.2	20994.6	19004.5	17081.5	15228.4	13444.9	11732.0	10054.3	8394.4	6821.4	5501.7
-12.5°	21961.2	20072.1	18223.0	16399.6	14635.9	12929.5	11283.9	9639.2	8013.9	6519.5	5297.0
-15°	20719.9	18988.9	17291.6	15611.5	13951.7	12323.6	10740.7	9148.5	7570.0	6156.6	5046.8
-17.5°	19404.3	17818.0	16255.1	14690.5	13152.3	11636.4	10119.4	8589.5	7098.7	5784.1	4766.0
-20°	18023.0	16595.0	15155.4	13712.2	12274.2	10844.3	9417.9	7953.0	6580.5	5427.0	4509.9



REPORT NUMBER: P627923 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16588.9	15317.5	14002.4	12670.9	11337.0	9999.9	8635.4	7263.1	6000.2	5025.9	4219.9
-25°	15137.5	14005.2	12825.5	11586.0	10345.4	9094.2	7790.5	6559.6	5506.5	4638.3	3909.3
-27.5°	13690.6	12677.9	11579.2	10440.4	9302.6	8125.6	6945.6	5841.5	4985.4	4257.3	3643.8
-30°	12245.1	11310.7	10306.7	9271.7	8216.2	7136.8	6072.0	5253.7	4520.8	3876.6	3355.7
-32.5°	10804.4	9953.0	9036.4	8088.7	7126.6	6164.9	5384.5	4684.0	4059.8	3546.1	3093.4
-35°	9363.0	8587.5	7755.0	6924.2	6067.8	5380.8	4730.6	4165.1	3666.1	3215.1	2832.5
-37.5°	7918.4	7231.8	6536.8	5827.7	5241.0	4673.8	4162.1	3703.1	3275.5	2925.8	2593.8
-40°	6552.3	5965.8	5478.9	4960.7	4510.3	4058.9	3661.4	3271.5	2957.2	2649.6	2361.9
-42.5°	5395.3	4992.6	4613.5	4252.5	3880.4	3543.3	3210.8	2929.5	2652.9	2393.2	2157.3
-45°	4495.6	4219.3	3920.7	3648.6	3353.2	3096.8	2847.2	2609.9	2374.1	2164.3	1955.2
-47.5°	3791.8	3584.4	3352.0	3137.7	2927.5	2715.3	2519.5	2313.1	2133.7	1948.0	1784.1
-50°	3213.0	3056.3	2886.2	2713.6	2555.1	2383.8	2224.7	2068.6	1912.2	1764.7	1617.3
-52.5°	2729.8	2619.2	2495.7	2358.8	2231.0	2101.2	1965.8	1847.1	1717.9	1590.5	1463.8
-55°	2350.5	2261.9	2165.6	2060.0	1951.1	1853.0	1748.9	1644.4	1538.6	1423.9	1322.2
-57.5°	2030.8	1957.3	1882.0	1801.2	1715.4	1633.0	1547.8	1456.5	1369.5	1278.4	1186.3
-60°	1752.2	1692.6	1635.1	1572.5	1504.9	1432.4	1362.5	1289.0	1212.3	1137.1	1060.1
-62.5°	1499.7	1466.5	1413.4	1358.8	1305.9	1252.4	1188.6	1124.3	1062.3	999.8	935.3
-65°	1252.6	1218.7	1180.3	1147.1	1107.4	1060.6	1007.9	962.0	916.6	866.7	811.5
-67.5°	1038.1	1012.8	984.0	953.3	923.9	889.6	854.6	816.8	777.7	733.4	691.3
-70°	865.8	849.7	829.3	803.5	776.5	747.6	718.0	684.8	646.1	604.0	570.6
-72.5°	724.8	714.9	699.7	676.8	650.9	623.6	595.0	562.6	525.4	483.2	451.5
-75°	598.6	591.8	580.3	558.7	535.4	510.2	483.1	450.0	412.1	369.0	337.6
-77.5°	470.7	467.6	461.1	443.5	425.7	407.7	385.0	346.7	308.5	271.8	248.0
-80°	338.6	338.6	335.4	322.3	308.5	294.2	276.8	247.3	218.7	192.1	173.4
-82.5°	214.3	210.6	205.7	198.6	191.4	184.1	175.9	157.2	139.2	122.0	107.7
-85°	95.6	92.9	90.0	90.0	89.5	88.4	86.5	77.5	69.0	60.9	53.9
-87.5°	16.3	16.6	16.9	17.7	18.4	19.0	19.6	19.0	18.3	17.6	16.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627923 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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°	18.9	20.5	21.9	22.9	23.6	23.9	23.9	23.6	22.6	21.4	19.8
85°	56.4	57.5	57.3	55.6	51.9	48.0	47.9	47.2	45.3	42.7	39.6
82.5°	111.9	115.5	117.4	116.6	109.4	101.7	93.6	85.0	75.8	65.4	59.4
80°	179.9	183.9	185.2	182.2	169.3	155.5	143.5	131.2	119.1	105.3	90.1
77.5°	253.2	256.2	256.9	252.2	235.9	218.2	199.2	179.3	162.3	145.2	126.2
75°	332.0	333.0	332.3	323.7	303.7	280.9	257.9	233.1	208.3	185.1	162.3
72.5°	434.4	420.5	409.9	396.2	374.1	348.4	319.0	286.1	254.6	225.1	197.7
70°	541.4	511.9	489.0	467.9	443.4	416.2	383.7	342.3	300.2	264.5	231.1
67.5°	653.2	616.5	579.7	541.3	511.2	480.5	447.5	397.8	347.4	303.0	263.8
65°	761.9	716.8	675.1	625.1	581.4	544.0	506.7	450.4	392.9	341.1	295.8
62.5°	871.5	810.9	758.7	704.6	651.8	605.5	563.5	499.3	436.4	377.6	326.1
60°	984.2	913.1	842.0	779.5	719.9	663.8	611.5	546.8	478.6	412.3	354.8
57.5°	1100.9	1015.6	934.3	856.4	786.9	722.3	657.5	590.5	519.3	447.6	380.7
55°	1218.6	1122.3	1026.8	937.6	855.3	781.6	705.4	632.3	558.3	482.0	401.4
52.5°	1345.0	1232.1	1124.4	1020.2	926.0	839.5	756.5	673.2	595.5	515.1	423.8
50°	1478.9	1348.4	1225.4	1108.9	996.2	899.9	806.4	718.0	631.8	547.0	444.9
47.5°	1619.6	1471.9	1331.8	1198.3	1075.9	958.3	858.5	762.1	667.1	578.5	464.1
45°	1774.5	1598.9	1441.2	1294.6	1152.3	1024.7	910.0	804.6	705.3	601.1	481.4
42.5°	1930.2	1735.8	1554.6	1387.7	1235.7	1091.7	959.3	848.8	742.1	621.8	498.3
40°	2109.7	1875.7	1668.6	1487.9	1317.9	1155.7	1016.1	891.4	776.3	642.3	514.7
37.5°	2284.7	2026.4	1793.1	1583.3	1399.0	1227.9	1071.0	931.9	803.3	664.7	529.6
35°	2490.9	2182.0	1911.6	1684.4	1482.6	1296.7	1122.7	973.3	833.0	686.1	542.8
32.5°	2691.3	2340.4	2045.0	1787.9	1561.4	1361.8	1177.4	1015.6	863.2	706.6	554.4
30°	2911.3	2512.6	2170.9	1884.8	1639.7	1428.7	1232.6	1055.5	893.6	725.9	565.7
27.5°	3122.8	2671.5	2293.3	1987.4	1722.3	1491.3	1283.7	1092.9	924.2	746.1	579.7
25°	3332.3	2843.0	2428.2	2085.2	1798.4	1548.3	1330.6	1127.8	954.1	768.6	592.3
22.5°	3559.7	3009.0	2549.7	2173.1	1867.1	1600.2	1375.3	1166.0	981.6	790.1	603.3
20°	3768.8	3158.9	2658.3	2257.3	1935.3	1656.4	1417.2	1200.1	1006.3	810.4	612.6
17.5°	3966.0	3311.3	2779.5	2348.2	1999.9	1705.9	1454.1	1230.2	1028.1	829.0	620.2
15°	4173.0	3462.6	2888.5	2427.0	2055.8	1748.6	1485.8	1256.0	1046.9	845.8	627.3
12.5°	4349.8	3590.6	2980.1	2493.2	2102.7	1784.3	1512.2	1277.5	1062.5	860.0	633.7
10°	4495.5	3694.6	3054.0	2546.7	2140.5	1813.0	1533.2	1294.9	1075.6	871.0	637.3
7.5°	4608.8	3774.0	3109.9	2587.3	2169.5	1835.4	1550.8	1308.4	1085.7	878.8	638.0
5°	4688.2	3829.4	3150.9	2615.7	2191.5	1851.4	1563.2	1317.4	1092.5	883.0	636.1
2.5°	4729.7	3860.7	3176.1	2630.8	2204.1	1860.1	1570.3	1321.9	1095.9	883.5	631.7
0°	4736.2	3866.6	3183.2	2632.7	2207.2	1861.5	1571.7	1321.7	1095.6	880.2	624.9
-2.5°	4729.7	3860.7	3176.1	2630.8	2204.1	1860.1	1570.3	1321.9	1095.9	883.5	631.7
-5°	4688.2	3829.4	3150.9	2615.7	2191.5	1851.4	1563.2	1317.4	1092.5	883.0	636.1
-7.5°	4608.8	3774.0	3109.9	2587.3	2169.5	1835.4	1550.8	1308.4	1085.7	878.8	638.0
-10°	4495.5	3694.6	3054.0	2546.7	2140.5	1813.0	1533.2	1294.9	1075.6	871.0	637.3
-12.5°	4349.8	3590.6	2980.1	2493.2	2102.7	1784.3	1512.2	1277.5	1062.5	860.0	633.7
-15°	4173.0	3462.6	2888.5	2427.0	2055.8	1748.6	1485.8	1256.0	1046.9	845.8	627.3
-17.5°	3966.0	3311.3	2779.5	2348.2	1999.9	1705.9	1454.1	1230.2	1028.1	829.0	620.2
-20°	3768.8	3158.9	2658.3	2257.3	1935.3	1656.4	1417.2	1200.1	1006.3	810.4	612.6

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REPORT NUMBER: P627923 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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°	3559.7	3009.0	2549.7	2173.1	1867.1	1600.2	1375.3	1166.0	981.6	790.1	603.3
-25°	3332.3	2843.0	2428.2	2085.2	1798.4	1548.3	1330.6	1127.8	954.1	768.6	592.3
-27.5°	3122.8	2671.5	2293.3	1987.4	1722.3	1491.3	1283.7	1092.9	924.2	746.1	579.7
-30°	2911.3	2512.6	2170.9	1884.8	1639.7	1428.7	1232.6	1055.5	893.6	725.9	565.7
-32.5°	2691.3	2340.4	2045.0	1787.9	1561.4	1361.8	1177.4	1015.6	863.2	706.6	554.4
-35°	2490.9	2182.0	1911.6	1684.4	1482.6	1296.7	1122.7	973.3	833.0	686.1	542.8
-37.5°	2284.7	2026.4	1793.1	1583.3	1399.0	1227.9	1071.0	931.9	803.3	664.7	529.6
-40°	2109.7	1875.7	1668.6	1487.9	1317.9	1155.7	1016.1	891.4	776.3	642.3	514.7
-42.5°	1930.2	1735.8	1554.6	1387.7	1235.7	1091.7	959.3	848.8	742.1	621.8	498.3
-45°	1774.5	1598.9	1441.2	1294.6	1152.3	1024.7	910.0	804.6	705.3	601.1	481.4
-47.5°	1619.6	1471.9	1331.8	1198.3	1075.9	958.3	858.5	762.1	667.1	578.5	464.1
-50°	1478.9	1348.4	1225.4	1108.9	996.2	899.9	806.4	718.0	631.8	547.0	444.9
-52.5°	1345.0	1232.1	1124.4	1020.2	926.0	839.5	756.5	673.2	595.5	515.1	423.8
-55°	1218.6	1122.3	1026.8	937.6	855.3	781.6	705.4	632.3	558.3	482.0	401.4
-57.5°	1100.9	1015.6	934.3	856.4	786.9	722.3	657.5	590.5	519.3	447.6	380.7
-60°	984.2	913.1	842.0	779.5	719.9	663.8	611.5	546.8	478.6	412.3	354.8
-62.5°	871.5	810.9	758.7	704.6	651.8	605.5	563.5	499.3	436.4	377.6	326.1
-65°	761.9	716.8	675.1	625.1	581.4	544.0	506.7	450.4	392.9	341.1	295.8
-67.5°	653.2	616.5	579.7	541.3	511.2	480.5	447.5	397.8	347.4	303.0	263.8
-70°	541.4	511.9	489.0	467.9	443.4	416.2	383.7	342.3	300.2	264.5	231.1
-72.5°	434.4	420.5	409.9	396.2	374.1	348.4	319.0	286.1	254.6	225.1	197.7
-75°	332.0	333.0	332.3	323.7	303.7	280.9	257.9	233.1	208.3	185.1	162.3
-77.5°	253.2	256.2	256.9	252.2	235.9	218.2	199.2	179.3	162.3	145.2	126.2
-80°	179.9	183.9	185.2	182.2	169.3	155.5	143.5	131.2	119.1	105.3	90.1
-82.5°	111.9	115.5	117.4	116.6	109.4	101.7	93.6	85.0	75.8	65.4	59.4
-85°	56.4	57.5	57.3	55.6	51.9	48.0	47.9	47.2	45.3	42.7	39.6
-87.5°	18.9	20.5	21.9	22.9	23.6	23.9	23.9	23.6	22.6	21.4	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



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.9	13.9	10.4	7.2	4.4	1.9	0.0
85°	35.7	27.8	20.7	14.4	8.8	3.8	0.0
82.5°	53.3	41.6	31.0	21.5	13.1	5.7	0.0
80°	72.4	55.2	41.1	28.5	17.4	7.6	0.0
77.5°	103.4	71.9	51.1	35.5	21.7	9.5	0.0
75°	133.6	94.0	61.9	42.3	25.9	11.3	0.0
72.5°	162.7	115.4	76.7	49.0	30.0	13.1	0.0
70°	190.3	136.0	91.0	56.1	34.0	14.9	0.0
67.5°	214.4	155.6	104.7	64.8	37.8	16.6	0.0
65°	237.2	173.7	117.7	73.1	41.6	18.3	0.0
62.5°	258.8	190.2	130.0	81.0	45.2	19.9	0.0
60°	278.9	205.7	141.4	88.5	48.7	21.5	0.0
57.5°	297.2	220.1	152.1	95.4	52.9	23.0	0.0
55°	314.0	233.4	161.9	101.8	57.0	24.5	0.0
52.5°	329.4	245.6	171.0	107.7	60.9	25.9	0.0
50°	343.4	256.8	179.3	113.0	64.6	27.2	0.0
47.5°	356.4	266.9	186.7	117.9	68.2	28.4	0.0
45°	371.0	275.9	193.2	122.7	71.6	29.6	0.0
42.5°	384.0	283.6	198.8	126.9	74.8	30.7	0.0
40°	395.4	290.2	203.8	131.5	77.8	31.8	0.0
37.5°	405.2	295.6	208.4	136.3	80.6	32.7	0.0
35°	413.3	301.6	212.0	140.6	83.1	33.6	0.0
32.5°	420.7	307.4	214.8	144.6	85.5	34.4	0.0
30°	429.0	311.8	216.8	148.2	87.6	35.1	0.0
27.5°	435.8	315.0	221.4	151.4	89.6	35.7	0.0
25°	441.0	316.9	225.9	154.1	91.3	36.3	0.0
22.5°	444.8	319.3	229.8	156.5	92.8	36.7	0.0
20°	446.9	325.1	233.2	158.4	94.0	37.1	0.0
17.5°	451.9	329.9	236.0	160.0	95.0	37.4	0.0
15°	458.0	333.6	238.3	161.1	95.8	37.6	0.0
12.5°	462.3	336.4	239.9	161.8	96.4	37.7	0.0
10°	465.0	338.1	241.0	162.2	96.7	37.8	0.0
7.5°	466.1	338.8	241.5	162.1	96.8	37.7	0.0
5°	465.7	338.5	241.4	161.6	96.6	37.6	0.0
2.5°	463.6	337.3	240.6	160.8	96.3	37.5	0.0
0°	460.1	335.1	239.3	159.6	95.7	37.2	0.0
-2.5°	463.6	337.3	240.6	160.8	96.3	37.5	0.0
-5°	465.7	338.5	241.4	161.6	96.6	37.6	0.0
-7.5°	466.1	338.8	241.5	162.1	96.8	37.7	0.0
-10°	465.0	338.1	241.0	162.2	96.7	37.8	0.0
-12.5°	462.3	336.4	239.9	161.8	96.4	37.7	0.0
-15°	458.0	333.6	238.3	161.1	95.8	37.6	0.0
-17.5°	451.9	329.9	236.0	160.0	95.0	37.4	0.0
-20°	446.9	325.1	233.2	158.4	94.0	37.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	444.8	319.3	229.8	156.5	92.8	36.7	0.0
-25°	441.0	316.9	225.9	154.1	91.3	36.3	0.0
-27.5°	435.8	315.0	221.4	151.4	89.6	35.7	0.0
-30°	429.0	311.8	216.8	148.2	87.6	35.1	0.0
-32.5°	420.7	307.4	214.8	144.6	85.5	34.4	0.0
-35°	413.3	301.6	212.0	140.6	83.1	33.6	0.0
-37.5°	405.2	295.6	208.4	136.3	80.6	32.7	0.0
-40°	395.4	290.2	203.8	131.5	77.8	31.8	0.0
-42.5°	384.0	283.6	198.8	126.9	74.8	30.7	0.0
-45°	371.0	275.9	193.2	122.7	71.6	29.6	0.0
-47.5°	356.4	266.9	186.7	117.9	68.2	28.4	0.0
-50°	343.4	256.8	179.3	113.0	64.6	27.2	0.0
-52.5°	329.4	245.6	171.0	107.7	60.9	25.9	0.0
-55°	314.0	233.4	161.9	101.8	57.0	24.5	0.0
-57.5°	297.2	220.1	152.1	95.4	52.9	23.0	0.0
-60°	278.9	205.7	141.4	88.5	48.7	21.5	0.0
-62.5°	258.8	190.2	130.0	81.0	45.2	19.9	0.0
-65°	237.2	173.7	117.7	73.1	41.6	18.3	0.0
-67.5°	214.4	155.6	104.7	64.8	37.8	16.6	0.0
-70°	190.3	136.0	91.0	56.1	34.0	14.9	0.0
-72.5°	162.7	115.4	76.7	49.0	30.0	13.1	0.0
-75°	133.6	94.0	61.9	42.3	25.9	11.3	0.0
-77.5°	103.4	71.9	51.1	35.5	21.7	9.5	0.0
-80°	72.4	55.2	41.1	28.5	17.4	7.6	0.0
-82.5°	53.3	41.6	31.0	21.5	13.1	5.7	0.0
-85°	35.7	27.8	20.7	14.4	8.8	3.8	0.0
-87.5°	17.9	13.9	10.4	7.2	4.4	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)