

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: P558946 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-927-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558946 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4D-927-U-WAF-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

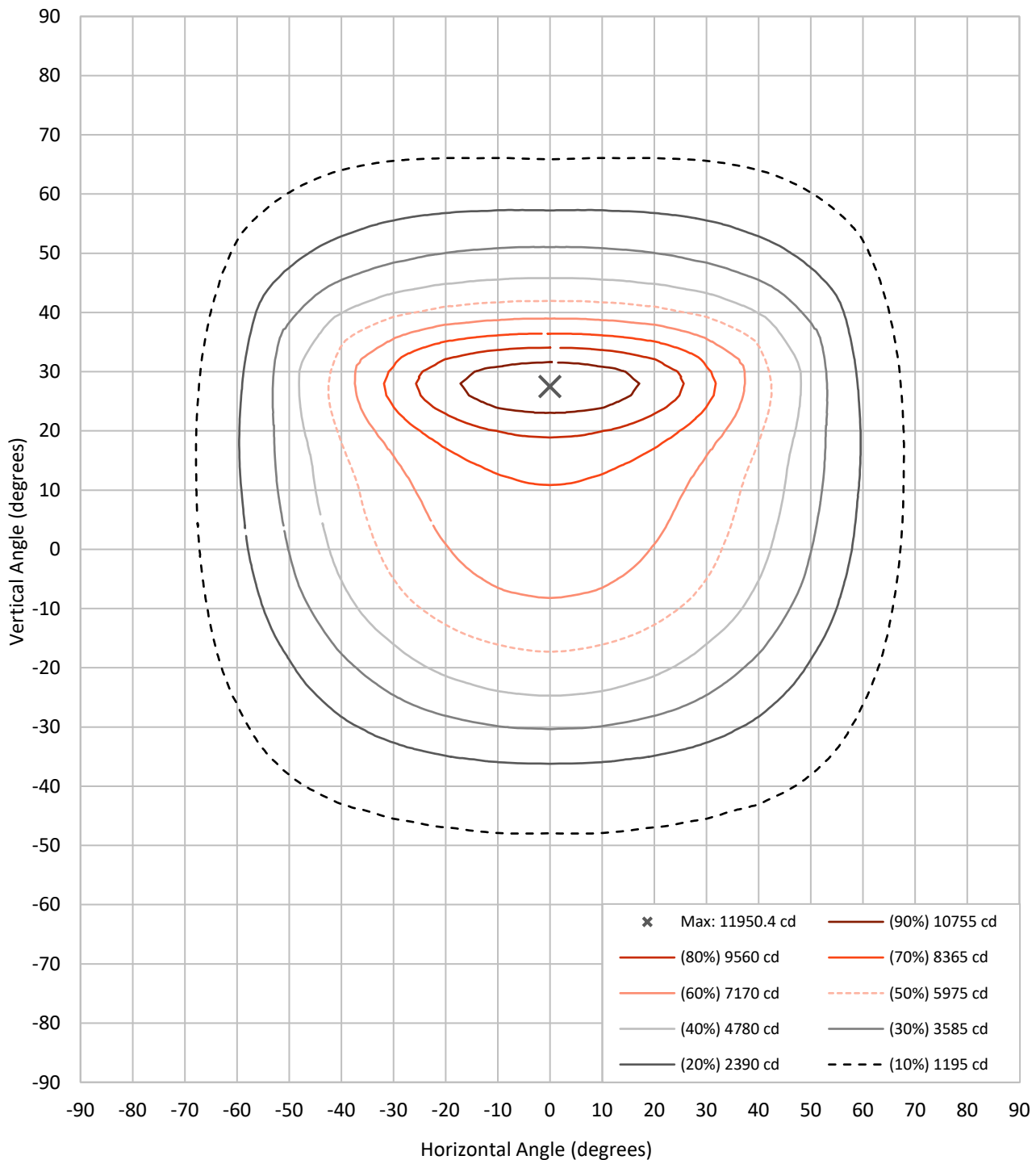
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	17421.6 lumens	Max Intensity:	11950.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	80.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	9054 lumens	Field Lumens:	16116.5 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	217		
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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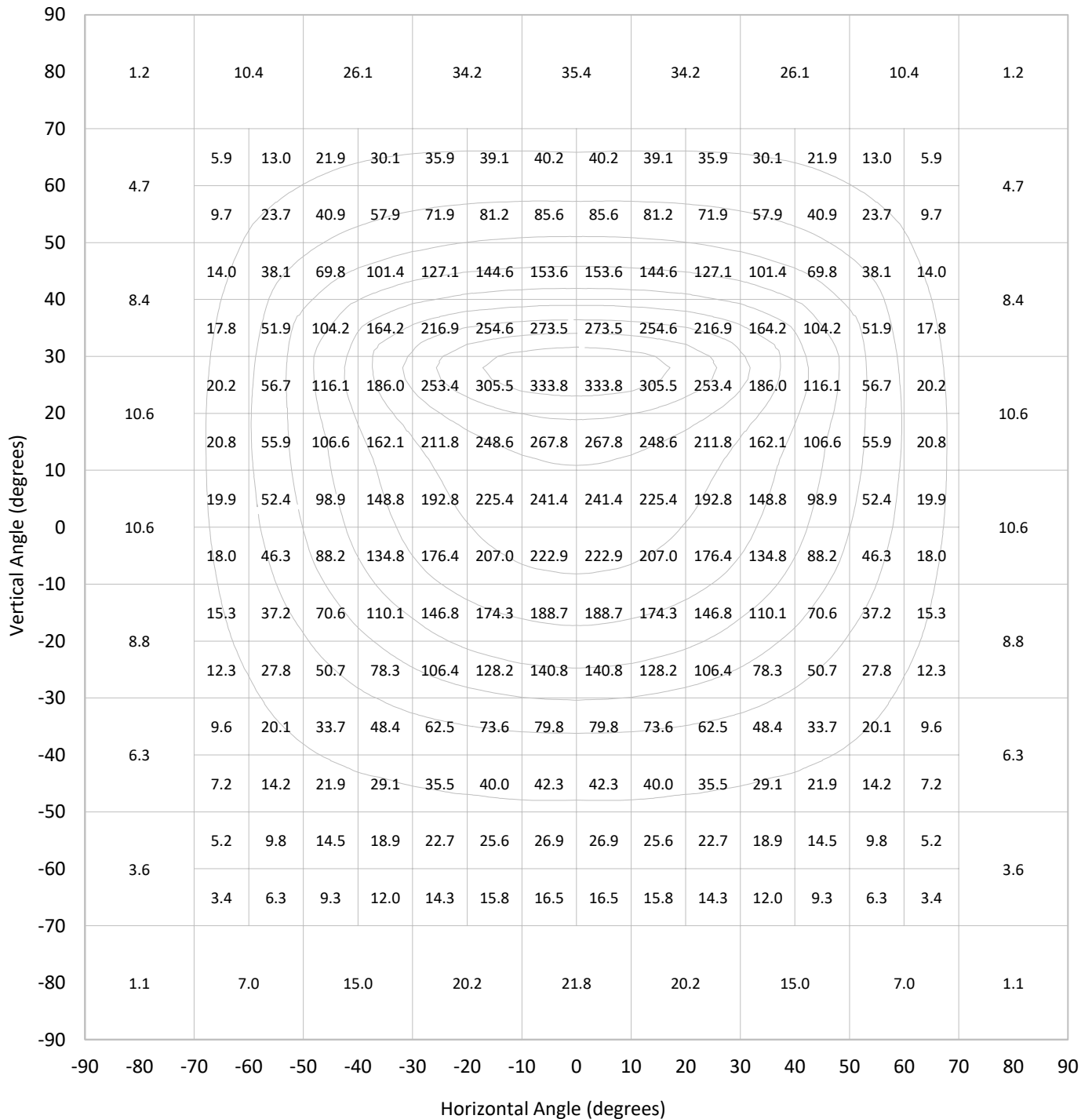
Iso-Candela Plot





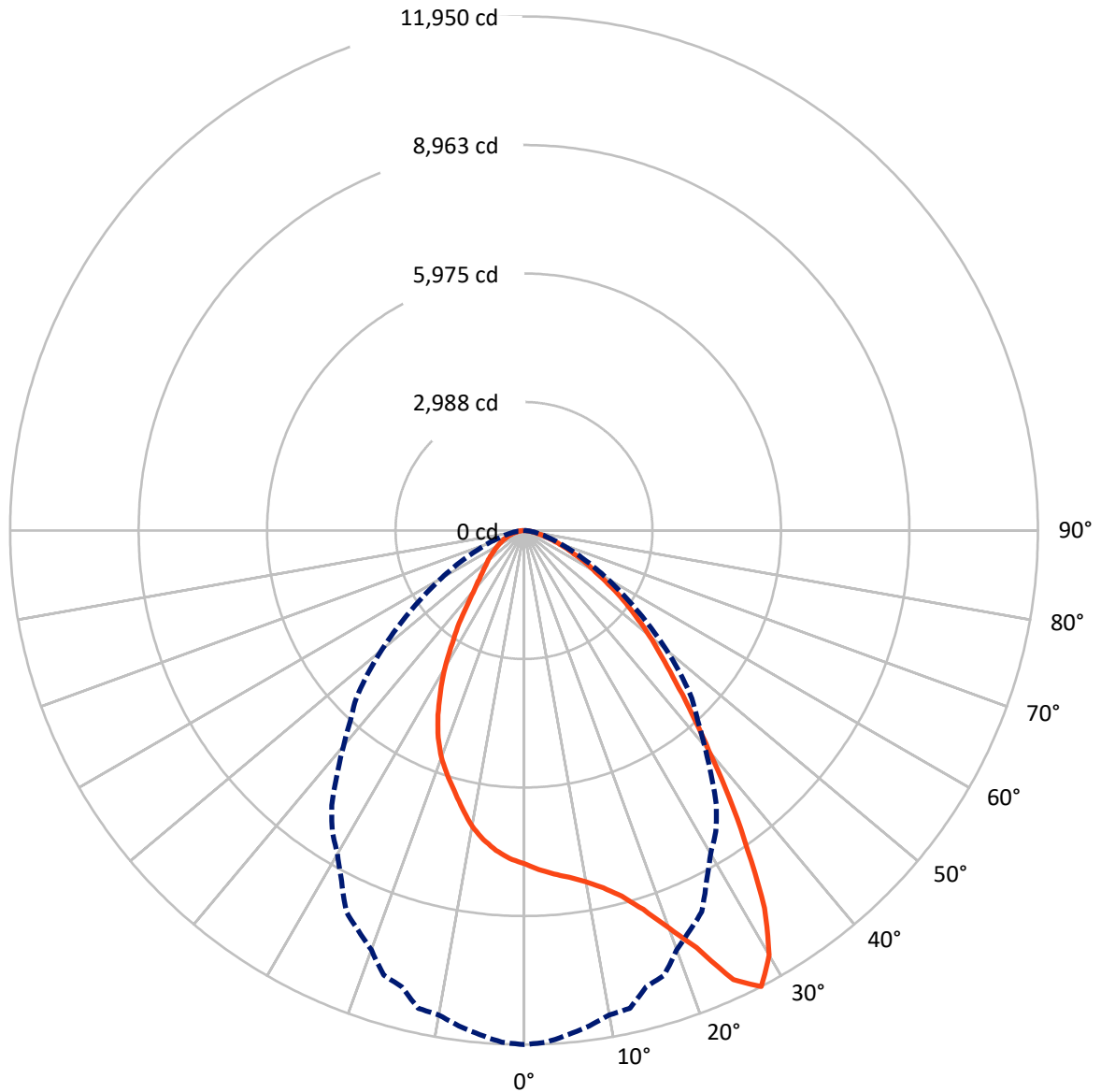
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Lumen Table



REPORT NUMBER: P558946 (CONVERTED FROM TYPE C PHOTOMETRY)
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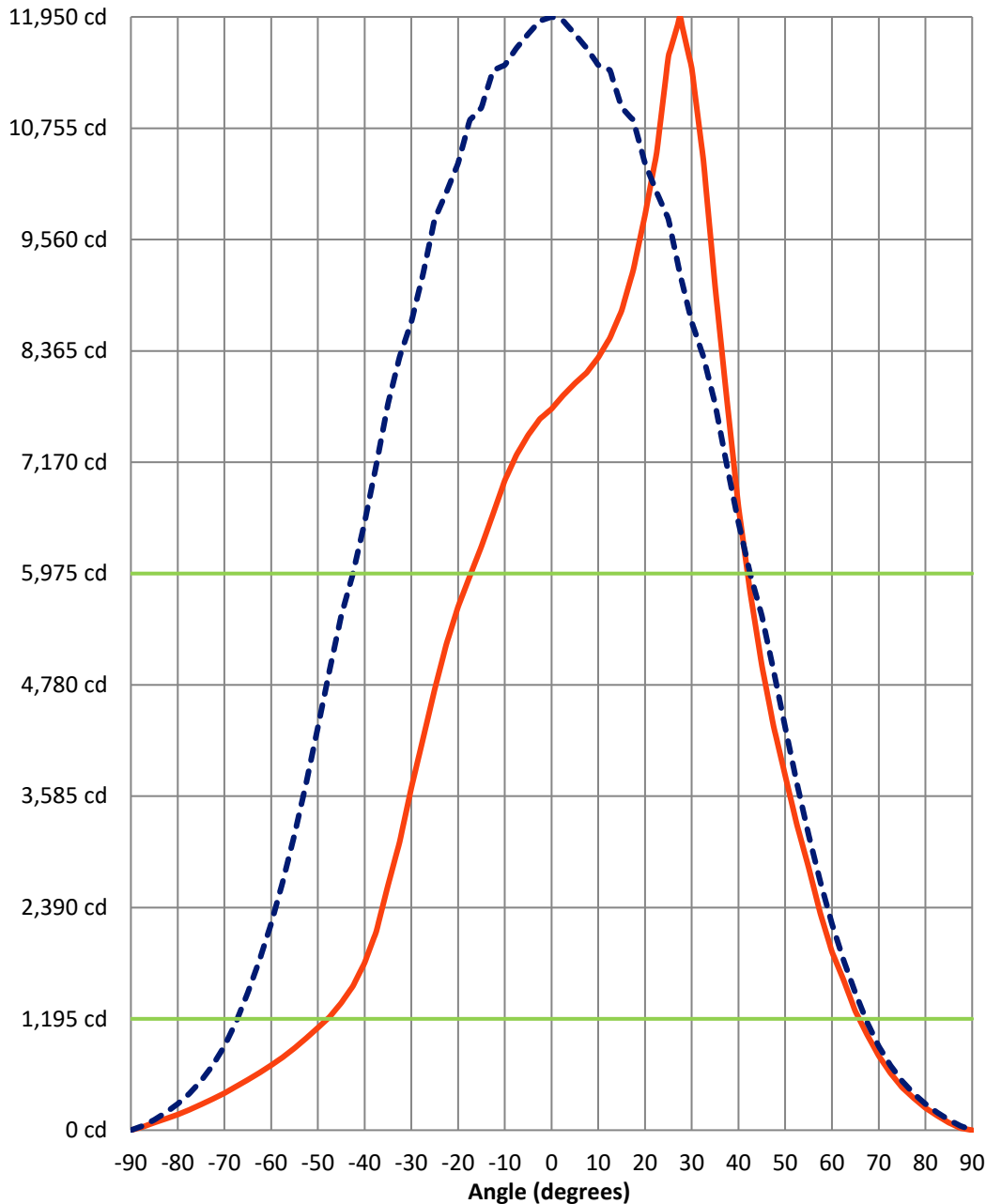
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 27.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 9054
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 16116.5
 Efficiency: 92.5%

Spill:
 Lumens: 1305.1
 Efficiency: 7.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 27.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	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	2.3	4.6	6.9	9.1	11.2	13.3	15.3	17.3	19.2	21.0
85°	0.0	4.6	9.3	13.8	18.2	22.5	26.6	30.7	34.5	38.3	41.9
82.5°	0.0	6.8	13.9	20.6	27.2	33.7	39.9	45.9	52.8	64.4	76.4
80°	0.0	9.1	18.5	27.5	36.2	44.8	54.3	69.3	85.1	101.5	118.5
77.5°	0.0	11.3	23.0	34.2	45.2	58.4	77.0	96.6	117.0	138.2	162.9
75°	0.0	13.6	27.5	41.0	55.0	76.6	99.5	123.5	149.4	182.0	215.5
72.5°	0.0	15.7	32.0	47.6	68.9	94.5	121.6	152.1	189.5	227.9	267.2
70°	0.0	17.9	36.3	54.8	82.5	112.0	144.2	186.0	228.9	273.1	324.7
67.5°	0.0	20.0	40.6	64.5	95.8	129.2	171.8	219.2	267.6	325.0	382.7
65°	0.0	22.1	44.9	74.0	108.9	148.3	198.6	251.7	312.5	375.7	442.8
62.5°	0.0	24.1	49.0	83.3	121.6	169.2	224.5	287.8	356.2	427.1	509.1
60°	0.0	26.1	53.0	92.3	133.9	189.3	249.5	324.8	398.8	483.7	573.2
57.5°	0.0	28.1	58.7	101.1	148.7	208.6	277.8	360.3	445.1	538.3	646.4
55°	0.0	30.0	64.2	109.5	163.1	227.1	305.2	393.4	490.9	593.4	721.3
52.5°	0.0	31.8	69.6	117.7	176.9	245.2	331.1	428.5	534.7	655.2	791.9
50°	0.0	33.5	74.7	125.5	189.9	265.1	355.5	461.9	578.8	713.2	876.3
47.5°	0.0	35.2	79.7	133.3	202.3	283.8	378.8	493.0	625.9	767.3	956.9
45°	0.0	36.9	84.5	142.0	214.0	301.2	403.1	521.7	666.9	832.6	1031.0
42.5°	0.0	38.4	89.0	150.2	224.9	317.4	425.5	551.8	704.6	892.8	1114.4
40°	0.0	39.9	93.3	158.0	236.0	332.2	446.0	581.9	742.6	946.9	1192.6
37.5°	0.0	41.3	97.4	165.4	247.0	345.7	464.4	609.2	783.6	996.5	1262.6
35°	0.0	42.6	101.2	172.3	257.1	359.1	480.8	633.8	819.7	1049.1	1328.5
32.5°	0.0	43.8	104.8	178.8	266.2	371.8	496.6	655.5	851.0	1094.1	1387.3
30°	0.0	45.0	108.2	184.7	274.3	382.9	513.6	675.7	877.3	1131.6	1436.0
27.5°	0.0	46.0	111.3	190.1	282.0	392.4	528.2	696.6	901.8	1161.5	1474.7
25°	0.0	47.0	114.1	195.0	288.8	400.5	540.6	713.7	925.6	1189.0	1503.8
22.5°	0.0	47.9	116.6	199.4	294.7	407.5	550.7	727.0	943.5	1211.2	1528.6
20°	0.0	48.7	118.9	203.3	299.6	414.5	558.5	736.6	955.7	1225.6	1544.7
17.5°	0.0	49.4	120.9	206.6	303.6	420.2	565.6	742.6	962.3	1232.4	1552.1
15°	0.0	50.0	122.6	209.4	306.6	424.7	571.3	746.8	963.7	1231.9	1551.1
12.5°	0.0	50.5	124.0	211.7	308.7	428.0	574.8	749.9	963.7	1224.6	1541.9
10°	0.0	50.9	125.1	213.4	310.0	430.1	576.2	750.1	962.1	1220.9	1527.9
7.5°	0.0	51.2	126.0	214.6	310.4	431.0	575.5	747.5	956.4	1213.2	1512.3
5°	0.0	51.4	126.5	215.3	310.1	430.7	573.0	742.2	946.9	1200.3	1489.1
2.5°	0.0	51.5	126.8	215.5	308.9	429.2	568.6	734.5	933.8	1182.4	1459.0
0°	0.0	51.5	126.8	215.1	307.0	426.5	562.5	724.3	917.3	1159.9	1422.8
-2.5°	0.0	51.6	126.5	214.1	305.5	422.5	556.0	713.6	901.1	1134.9	1386.4
-5°	0.0	51.5	125.9	212.6	303.3	417.3	548.1	700.9	882.0	1106.0	1345.2
-7.5°	0.0	51.4	125.1	210.7	300.4	411.2	538.6	686.2	860.3	1073.4	1299.9
-10°	0.0	51.2	123.9	208.2	296.9	404.1	527.8	669.8	836.2	1037.7	1251.0
-12.5°	0.0	50.9	122.5	205.3	292.6	396.1	515.7	651.7	809.9	999.6	1203.0
-15°	0.0	50.4	120.9	202.0	287.7	387.4	502.3	632.1	783.0	962.1	1154.0
-17.5°	0.0	49.9	119.0	198.2	282.2	377.9	487.8	612.6	756.1	922.5	1102.5
-20°	0.0	49.3	116.8	194.0	276.0	367.7	472.8	592.8	727.7	881.2	1048.9



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 CATALOG NUMBER: GFLD-SA4D-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	48.6	114.5	189.4	269.2	356.9	457.7	571.5	698.0	838.5	993.7
-25°	0.0	47.7	111.9	184.4	261.8	346.1	441.7	549.1	667.3	794.7	937.1
-27.5°	0.0	46.8	109.0	179.1	253.9	334.9	424.9	525.4	635.8	752.2	883.5
-30°	0.0	45.8	106.0	173.4	245.4	323.0	407.3	500.6	605.3	713.5	830.0
-32.5°	0.0	44.7	102.8	167.3	236.6	310.4	389.1	477.5	574.9	674.6	776.7
-35°	0.0	43.5	99.3	160.9	227.3	297.1	372.1	454.7	543.6	635.7	724.0
-37.5°	0.0	42.2	95.7	154.2	217.6	283.8	355.2	431.4	511.5	597.0	680.4
-40°	0.0	40.8	91.9	147.3	207.5	271.0	337.7	407.7	478.7	559.3	639.2
-42.5°	0.0	39.3	88.0	140.0	197.4	257.7	319.7	383.7	449.2	522.8	597.2
-45°	0.0	37.8	83.9	132.6	187.4	244.0	301.1	360.5	421.5	486.3	554.8
-47.5°	0.0	36.2	79.6	124.8	177.1	230.0	282.0	338.3	393.7	449.8	514.5
-50°	0.0	34.5	75.2	117.8	166.4	215.6	264.5	315.6	366.4	419.1	474.3
-52.5°	0.0	32.7	70.6	111.0	155.4	200.9	247.1	292.5	339.8	387.9	434.8
-55°	0.0	30.8	65.9	104.0	144.0	186.7	229.3	269.3	313.4	356.1	399.9
-57.5°	0.0	28.9	61.1	96.7	132.4	172.3	211.3	248.7	286.5	325.7	364.4
-60°	0.0	26.9	56.2	89.3	120.6	157.6	193.2	227.9	260.1	295.5	329.5
-62.5°	0.0	24.9	52.0	81.7	110.6	142.6	175.4	206.8	236.2	265.0	296.2
-65°	0.0	22.8	47.7	74.0	100.4	127.3	157.3	185.5	212.1	237.4	262.5
-67.5°	0.0	20.7	43.3	66.1	90.1	113.2	139.0	164.5	187.7	210.4	231.8
-70°	0.0	18.5	38.7	58.1	79.5	100.2	120.5	143.4	164.3	183.3	202.2
-72.5°	0.0	16.3	34.1	50.9	68.9	87.0	104.5	122.2	140.9	157.9	173.0
-75°	0.0	14.0	29.4	43.8	58.1	73.7	88.8	103.4	117.4	132.4	145.9
-77.5°	0.0	11.7	24.6	36.6	48.3	60.3	73.0	85.3	97.0	107.9	118.8
-80°	0.0	9.4	19.7	29.4	38.8	47.9	57.0	67.2	76.8	85.8	94.2
-82.5°	0.0	7.1	14.8	22.1	29.1	36.0	42.7	49.6	56.5	63.6	70.2
-85°	0.0	4.7	9.9	14.7	19.4	24.0	28.5	33.1	37.6	42.1	46.5
-87.5°	0.0	2.4	5.0	7.4	9.7	12.0	14.3	16.6	18.8	21.1	23.3
-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: P558946 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WAF-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°	22.1	23.0	23.7	24.3	25.2	26.0	26.7	27.3	27.8	28.2	28.4
85°	44.1	46.0	51.4	56.6	62.0	66.9	71.3	75.1	78.2	80.8	82.8
82.5°	86.2	95.5	104.2	112.4	119.9	126.6	133.0	140.4	146.4	151.4	155.4
80°	132.3	144.9	160.2	174.5	187.4	199.3	210.0	219.8	227.3	234.9	242.3
77.5°	185.9	206.3	225.3	242.8	259.7	279.4	297.7	314.4	327.3	337.1	344.6
75°	243.6	267.8	295.5	322.9	348.6	372.3	395.3	423.3	446.1	463.2	477.0
72.5°	305.2	340.0	373.8	406.6	444.4	481.1	516.7	551.2	581.4	603.6	621.6
70°	371.7	412.1	458.8	506.1	551.5	597.6	646.7	691.5	728.5	754.7	779.6
67.5°	439.7	496.4	551.7	608.5	672.9	731.5	785.2	841.8	891.7	924.6	953.3
65°	518.1	581.5	655.3	730.7	801.3	874.6	942.4	1003.8	1066.8	1112.5	1150.1
62.5°	593.9	683.0	770.1	858.2	947.1	1026.8	1115.3	1194.3	1257.6	1323.1	1379.2
60°	683.7	789.6	896.4	1002.7	1102.2	1214.1	1311.1	1402.9	1487.6	1560.5	1629.6
57.5°	773.4	910.1	1036.4	1161.3	1292.8	1412.4	1526.6	1629.4	1730.6	1815.1	1897.9
55°	867.7	1043.7	1189.5	1343.7	1488.3	1623.5	1751.8	1880.5	1988.4	2104.8	2206.1
52.5°	972.4	1173.5	1361.8	1531.6	1694.6	1850.6	2003.9	2159.0	2310.4	2431.1	2545.6
50°	1070.2	1309.9	1536.5	1730.2	1917.6	2102.7	2294.4	2488.3	2655.2	2793.2	2912.3
47.5°	1177.9	1436.6	1724.5	1938.8	2163.7	2393.1	2625.9	2839.9	3021.8	3209.6	3341.1
45°	1282.8	1564.9	1877.3	2174.6	2434.8	2712.7	2969.0	3205.2	3468.7	3673.7	3849.6
42.5°	1378.6	1686.5	2034.2	2412.6	2737.9	3036.1	3313.6	3645.8	3948.5	4188.3	4407.6
40°	1477.3	1797.1	2176.8	2633.6	3040.2	3358.5	3696.2	4063.4	4457.4	4752.4	5014.7
37.5°	1567.4	1910.2	2307.3	2802.3	3337.8	3687.7	4061.2	4459.5	4908.7	5352.4	5667.6
35°	1647.1	2006.0	2436.8	2939.5	3487.7	4006.8	4401.8	4826.0	5317.6	5893.3	6323.8
32.5°	1719.5	2084.2	2539.5	3046.5	3602.7	4211.3	4712.5	5148.0	5641.2	6235.2	6966.3
30°	1778.4	2159.9	2616.0	3123.8	3681.7	4287.8	4924.3	5398.8	5866.8	6449.8	7130.2
27.5°	1823.1	2215.5	2668.6	3172.1	3723.9	4323.3	4935.5	5520.9	5974.0	6522.5	7141.3
25°	1857.5	2261.0	2696.6	3190.0	3730.1	4307.7	4896.8	5450.8	5959.4	6443.0	6998.3
22.5°	1885.9	2292.4	2727.1	3178.0	3702.0	4252.2	4806.3	5334.4	5826.8	6279.5	6757.2
20°	1907.2	2312.4	2742.6	3189.8	3654.8	4162.1	4692.0	5194.6	5670.2	6108.6	6497.4
17.5°	1916.9	2318.3	2742.6	3187.6	3646.8	4090.6	4552.0	5035.1	5502.6	5938.2	6322.3
15°	1915.1	2310.6	2727.5	3170.6	3622.9	4062.6	4487.6	4886.2	5321.5	5761.9	6144.6
12.5°	1902.4	2289.7	2697.8	3138.8	3584.1	4018.4	4435.8	4836.0	5226.4	5595.2	5961.1
10°	1879.3	2256.3	2654.2	3092.5	3530.3	3958.3	4370.3	4771.9	5158.2	5520.2	5861.0
7.5°	1855.6	2218.9	2601.7	3031.9	3461.8	3882.3	4290.5	4692.9	5071.7	5433.0	5777.0
5°	1824.3	2179.2	2561.7	2973.8	3388.2	3798.4	4197.9	4598.3	4967.0	5331.6	5677.0
2.5°	1784.6	2130.0	2511.3	2903.4	3305.9	3711.7	4097.8	4490.6	4868.7	5219.1	5559.4
0°	1737.1	2071.7	2450.4	2819.9	3209.6	3610.3	3981.6	4365.8	4759.2	5090.1	5422.8
-2.5°	1685.4	2001.9	2361.6	2729.2	3105.9	3498.9	3879.5	4243.8	4628.5	4963.0	5302.8
-5°	1627.4	1924.8	2263.5	2627.0	2990.0	3373.0	3760.9	4107.2	4474.8	4805.5	5139.7
-7.5°	1564.0	1841.6	2157.4	2512.1	2858.0	3219.3	3586.5	3919.8	4277.0	4604.2	4929.7
-10°	1497.0	1759.5	2054.3	2382.3	2708.4	3045.1	3390.1	3716.4	4060.0	4385.8	4699.0
-12.5°	1432.9	1678.5	1948.0	2246.3	2550.5	2861.7	3182.5	3497.5	3823.4	4150.8	4443.6
-15°	1365.8	1593.4	1838.2	2105.5	2385.7	2670.5	2965.1	3263.3	3569.1	3889.4	4159.9
-17.5°	1296.2	1505.0	1726.1	1961.7	2215.1	2473.0	2743.9	3031.6	3311.5	3603.3	3864.9
-20°	1225.1	1414.0	1613.1	1816.1	2041.3	2288.6	2542.0	2800.1	3054.5	3308.5	3554.3



REPORT NUMBER: P558946 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1153.0	1321.0	1502.2	1680.8	1895.0	2118.3	2340.6	2564.8	2792.9	3011.7	3244.1
-25°	1083.3	1234.7	1394.7	1568.4	1752.2	1949.0	2140.1	2329.6	2531.9	2736.9	2937.0
-27.5°	1016.2	1149.7	1300.8	1455.7	1608.9	1784.0	1951.2	2111.9	2288.4	2469.3	2630.9
-30°	948.9	1075.7	1208.0	1345.5	1480.2	1626.4	1771.0	1911.8	2055.7	2210.6	2350.6
-32.5°	886.5	1002.3	1122.7	1243.1	1357.5	1470.9	1604.5	1729.6	1847.4	1957.7	2079.9
-35°	829.4	935.6	1040.2	1144.1	1238.3	1338.0	1449.8	1555.2	1649.6	1738.3	1831.7
-37.5°	775.6	870.1	958.3	1051.1	1134.9	1220.3	1302.5	1393.7	1470.3	1541.1	1617.7
-40°	721.6	806.1	885.5	963.0	1039.8	1111.2	1181.3	1243.4	1305.0	1373.1	1425.8
-42.5°	668.5	747.0	818.0	877.5	949.9	1011.4	1065.9	1117.3	1167.7	1220.8	1263.0
-45°	621.6	688.5	753.3	810.2	864.5	916.9	963.2	1003.6	1051.3	1088.1	1120.0
-47.5°	574.2	632.2	691.5	744.1	789.4	832.0	866.4	907.0	946.1	977.7	996.3
-50°	527.7	580.7	630.9	679.9	721.0	755.2	784.8	818.2	850.8	877.6	895.4
-52.5°	484.8	529.0	575.5	617.3	655.2	685.8	714.1	743.1	766.9	785.4	808.7
-55°	442.4	483.1	521.9	559.5	591.9	619.9	647.6	673.4	693.7	709.7	728.9
-57.5°	402.6	439.4	473.2	504.6	533.8	557.9	584.9	606.9	625.8	640.7	660.5
-60°	363.8	396.7	427.5	454.8	478.7	502.5	524.6	544.8	561.3	576.1	594.2
-62.5°	325.3	355.0	382.7	407.9	429.5	449.2	469.1	486.3	500.2	515.5	530.5
-65°	289.1	314.2	338.5	361.4	381.9	400.6	417.0	430.9	443.9	457.5	469.7
-67.5°	253.1	276.5	296.8	315.0	334.0	352.1	367.3	380.1	391.0	402.1	412.3
-70°	220.8	239.4	258.0	274.4	288.9	304.0	318.8	330.9	340.5	349.2	357.5
-72.5°	189.1	205.6	220.9	235.1	248.2	260.4	272.0	283.0	292.0	298.8	304.7
-75°	159.0	171.8	185.1	197.5	208.1	217.6	226.5	235.3	242.6	248.4	253.2
-77.5°	130.1	140.9	151.1	160.6	168.3	175.8	182.7	189.1	194.7	199.2	202.4
-80°	102.2	110.0	118.3	126.1	132.0	137.0	141.4	145.2	149.3	153.6	157.4
-82.5°	76.1	81.7	87.2	92.5	96.6	100.1	103.2	106.1	109.1	111.8	114.2
-85°	50.0	53.3	56.6	59.9	63.0	65.8	68.2	70.2	71.9	73.3	74.4
-87.5°	25.0	26.6	28.2	29.5	31.1	32.5	33.8	35.1	35.9	36.6	37.2
-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: P558946 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WAF-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°	28.6	28.7	28.7	28.6	28.4	27.2	25.9	24.6	23.1	23.8	24.4
85°	84.2	84.6	84.3	83.5	82.2	82.1	81.8	81.3	80.5	81.7	82.8
82.5°	158.6	159.8	159.9	159.2	157.6	158.3	158.6	158.2	157.3	158.4	159.1
80°	247.9	250.2	250.3	248.7	245.3	245.8	246.0	245.3	243.6	244.1	243.9
77.5°	353.1	358.6	360.5	359.7	356.3	355.3	352.9	348.1	341.0	340.9	341.1
75°	487.4	493.0	495.9	495.6	492.4	490.2	487.2	481.6	473.7	473.4	473.5
72.5°	635.5	643.7	647.3	650.7	650.6	649.4	645.5	637.2	625.1	623.6	625.1
70°	799.1	812.9	821.6	828.3	833.6	834.7	832.1	825.5	814.8	812.0	811.2
67.5°	981.4	1003.4	1020.0	1031.1	1041.5	1049.0	1051.9	1048.9	1040.3	1037.4	1038.6
65°	1185.6	1219.6	1247.6	1268.6	1282.7	1292.6	1301.3	1306.5	1307.8	1310.8	1314.9
62.5°	1424.2	1465.9	1504.9	1531.5	1545.2	1554.8	1582.8	1598.9	1603.6	1604.6	1610.8
60°	1690.6	1743.3	1792.0	1831.1	1862.7	1886.6	1910.4	1926.1	1932.0	1933.2	1941.7
57.5°	1981.9	2048.1	2105.0	2165.6	2207.9	2232.3	2264.1	2297.0	2314.1	2319.1	2339.3
55°	2304.2	2394.5	2468.4	2533.2	2592.1	2644.0	2687.8	2721.7	2746.7	2761.8	2788.5
52.5°	2660.6	2766.8	2844.0	2920.0	3004.6	3064.2	3103.2	3165.8	3211.1	3236.0	3267.8
50°	3051.9	3170.2	3275.5	3355.2	3453.5	3534.9	3594.3	3653.5	3695.0	3718.7	3749.6
47.5°	3497.3	3643.0	3765.2	3839.1	3953.2	4049.1	4087.8	4132.5	4210.7	4248.3	4281.3
45°	3998.9	4184.8	4320.5	4436.1	4534.2	4641.7	4712.2	4763.1	4840.1	4878.7	4903.0
42.5°	4595.6	4802.4	4981.2	5120.0	5202.5	5342.0	5443.8	5472.4	5581.4	5655.4	5677.2
40°	5264.9	5494.1	5730.0	5888.2	6021.0	6162.7	6330.6	6424.1	6516.3	6588.8	6605.2
37.5°	5962.3	6269.1	6538.3	6742.6	6962.2	7171.2	7349.1	7446.1	7506.6	7645.3	7697.1
35°	6671.3	6987.9	7365.0	7682.4	7948.6	8206.6	8409.6	8569.5	8721.6	8846.5	8921.3
32.5°	7275.1	7615.8	8081.4	8556.7	8844.0	9123.4	9456.9	9639.7	9842.8	10007.4	10127.6
30°	7771.2	8095.1	8519.1	9115.5	9508.8	9792.1	10214.0	10466.9	10688.1	10967.0	11064.1
27.5°	7794.7	8301.0	8675.9	9189.5	9779.8	10067.3	10379.6	10839.2	10978.7	11376.4	11433.7
25°	7590.1	8121.7	8506.9	8935.6	9426.5	9776.2	10061.4	10443.6	10643.7	10899.5	11095.9
22.5°	7270.1	7738.6	8131.6	8495.1	8878.2	9196.6	9457.3	9725.9	9945.6	10144.0	10328.3
20°	6916.8	7361.4	7734.1	8046.7	8350.3	8645.4	8880.0	9105.6	9295.6	9465.9	9570.8
17.5°	6667.9	6987.8	7368.6	7688.8	7951.9	8183.7	8426.2	8615.1	8781.7	8935.0	9030.9
15°	6497.9	6802.1	7073.2	7367.1	7644.5	7865.3	8047.9	8242.9	8386.9	8518.8	8622.7
12.5°	6321.5	6635.0	6918.7	7163.5	7380.6	7621.8	7817.0	7970.3	8121.4	8224.9	8331.7
10°	6174.2	6467.5	6761.8	7020.2	7248.7	7447.4	7632.3	7804.2	7939.8	8056.0	8140.0
7.5°	6088.7	6376.3	6640.8	6888.8	7111.4	7323.2	7513.9	7671.5	7805.9	7926.1	8014.2
5°	5989.5	6274.2	6538.3	6791.7	7005.6	7209.1	7399.0	7561.1	7700.2	7807.3	7891.6
2.5°	5875.8	6156.7	6420.1	6677.7	6891.5	7087.8	7267.5	7425.6	7570.4	7672.5	7744.3
0°	5746.3	6027.6	6284.9	6527.6	6742.7	6954.1	7119.5	7279.4	7421.0	7522.1	7593.8
-2.5°	5615.7	5895.2	6161.6	6394.1	6607.5	6802.8	6978.9	7129.9	7265.1	7365.7	7428.7
-5°	5442.0	5719.8	5982.7	6217.1	6440.0	6636.0	6807.2	6960.8	7091.0	7200.8	7286.1
-7.5°	5231.8	5512.7	5775.3	6014.6	6236.5	6421.7	6586.1	6740.8	6879.8	6999.8	7104.7
-10°	5000.6	5278.5	5526.6	5750.6	5957.5	6145.7	6320.6	6473.5	6600.8	6718.3	6806.7
-12.5°	4731.4	4988.6	5231.3	5452.2	5654.3	5842.8	6009.2	6154.8	6283.1	6387.1	6466.8
-15°	4434.3	4678.5	4908.4	5134.1	5345.8	5531.4	5677.7	5831.2	5942.4	6043.4	6115.1
-17.5°	4116.5	4352.5	4594.3	4820.6	5016.0	5199.1	5360.2	5500.4	5617.0	5709.7	5790.6
-20°	3794.3	4034.8	4267.5	4483.1	4671.1	4840.8	5003.8	5138.6	5258.2	5358.9	5453.9



REPORT NUMBER: P558946 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3470.8	3691.3	3909.7	4120.7	4298.5	4459.0	4601.7	4730.6	4836.1	4954.9	5038.8
-25°	3138.3	3331.7	3528.9	3715.3	3883.3	4041.1	4170.4	4283.4	4393.5	4508.2	4589.9
-27.5°	2804.4	2975.3	3135.5	3300.4	3447.7	3584.3	3704.4	3803.3	3910.1	3986.6	4076.5
-30°	2474.1	2629.1	2762.8	2877.5	3016.0	3133.3	3226.7	3324.9	3413.1	3486.3	3562.0
-32.5°	2194.5	2300.4	2407.2	2503.1	2595.2	2691.6	2766.9	2852.7	2913.1	2976.1	3037.3
-35°	1925.7	2007.3	2078.2	2167.9	2236.9	2289.4	2352.2	2415.2	2439.4	2507.9	2544.4
-37.5°	1682.3	1735.9	1802.0	1864.5	1915.8	1955.0	2010.9	2043.8	2061.2	2105.5	2129.2
-40°	1474.0	1507.8	1569.5	1612.2	1643.0	1671.5	1718.0	1739.4	1763.1	1785.1	1785.7
-42.5°	1290.7	1334.2	1376.1	1409.6	1429.0	1461.5	1483.4	1485.8	1516.5	1536.1	1539.2
-45°	1140.8	1185.0	1218.2	1242.9	1262.3	1290.2	1304.3	1312.1	1337.2	1350.5	1356.4
-47.5°	1025.6	1056.6	1085.3	1104.3	1129.8	1150.5	1160.8	1174.0	1193.2	1205.4	1214.1
-50°	924.4	948.9	970.7	988.2	1013.6	1032.0	1041.8	1058.0	1072.4	1081.2	1088.1
-52.5°	835.4	857.2	872.4	889.3	910.4	926.7	939.3	955.3	967.3	975.0	981.1
-55°	752.1	772.6	787.4	805.8	820.9	831.8	842.6	858.2	869.9	877.8	883.0
-57.5°	678.5	693.9	708.4	725.2	739.5	751.4	761.0	769.6	777.3	783.8	788.9
-60°	609.6	622.1	635.4	648.6	659.4	667.9	678.2	686.1	691.1	694.2	698.3
-62.5°	543.4	554.7	566.4	577.0	585.6	592.8	601.2	607.6	612.2	615.5	617.9
-65°	480.4	490.2	500.2	508.9	516.4	522.6	528.5	533.1	536.3	539.1	541.2
-67.5°	421.6	429.3	436.2	442.3	447.9	453.2	458.4	461.9	463.8	466.0	468.2
-70°	364.8	370.9	375.5	379.1	382.4	386.6	391.6	395.0	397.0	399.2	401.2
-72.5°	309.8	314.3	318.1	321.1	322.9	325.6	329.0	331.8	334.0	335.6	336.4
-75°	256.9	260.5	263.9	266.2	267.6	269.5	271.3	272.2	272.4	273.1	273.6
-77.5°	205.2	208.8	211.9	214.1	215.5	217.1	218.3	219.0	219.1	219.2	218.8
-80°	160.2	162.6	164.7	166.2	167.3	168.4	169.0	169.1	168.8	169.1	169.2
-82.5°	116.3	118.5	120.3	121.7	122.6	123.7	124.6	125.3	125.7	125.8	125.6
-85°	75.3	76.3	77.3	78.1	78.9	79.4	79.7	79.8	79.6	79.7	79.5
-87.5°	37.7	37.2	36.6	35.9	35.0	35.2	35.4	35.5	35.5	35.9	36.2
-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: P558946 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WAF-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°	25.0	25.6	23.9	22.1	23.9	25.6	25.0	24.4	23.8	23.1	24.6
85°	83.6	84.2	82.6	80.9	82.6	84.2	83.6	82.8	81.7	80.5	81.3
82.5°	159.3	159.1	157.9	156.3	157.9	159.1	159.3	159.1	158.4	157.3	158.2
80°	243.0	241.4	240.5	239.0	240.5	241.4	243.0	243.9	244.1	243.6	245.3
77.5°	340.2	338.4	341.4	343.8	341.4	338.4	340.2	341.1	340.9	341.0	348.1
75°	471.7	468.1	464.6	459.6	464.6	468.1	471.7	473.5	473.4	473.7	481.6
72.5°	624.4	621.5	618.7	614.0	618.7	621.5	624.4	625.1	623.6	625.1	637.2
70°	806.3	797.8	799.2	799.6	799.2	797.8	806.3	811.2	812.0	814.8	825.5
67.5°	1035.3	1027.5	1028.5	1027.6	1028.5	1027.5	1035.3	1038.6	1037.4	1040.3	1048.9
65°	1312.4	1303.7	1293.2	1277.6	1293.2	1303.7	1312.4	1314.9	1310.8	1307.8	1306.5
62.5°	1610.0	1602.3	1606.7	1610.3	1606.7	1602.3	1610.0	1610.8	1604.6	1603.6	1598.9
60°	1940.4	1929.6	1924.2	1915.4	1924.2	1929.6	1940.4	1941.7	1933.2	1932.0	1926.1
57.5°	2348.5	2346.5	2341.7	2329.0	2341.7	2346.5	2348.5	2339.3	2319.1	2314.1	2297.0
55°	2801.0	2798.5	2808.9	2821.7	2808.9	2798.5	2801.0	2788.5	2761.8	2746.7	2721.7
52.5°	3291.4	3299.7	3296.7	3279.4	3296.7	3299.7	3291.4	3267.8	3236.0	3211.1	3165.8
50°	3776.8	3786.1	3796.1	3805.2	3796.1	3786.1	3776.8	3749.6	3718.7	3695.0	3653.5
47.5°	4326.9	4351.4	4355.6	4338.2	4355.6	4351.4	4326.9	4281.3	4248.3	4210.7	4132.5
45°	4951.9	4966.6	4974.1	4989.0	4974.1	4966.6	4951.9	4903.0	4878.7	4840.1	4763.1
42.5°	5739.9	5756.9	5759.6	5775.7	5759.6	5756.9	5739.9	5677.2	5655.4	5581.4	5472.4
40°	6675.2	6702.9	6698.1	6691.2	6698.1	6702.9	6675.2	6605.2	6588.8	6516.3	6424.1
37.5°	7770.0	7817.1	7822.0	7851.1	7822.0	7817.1	7770.0	7697.1	7645.3	7506.6	7446.1
35°	8998.8	9054.2	9044.6	9058.8	9044.6	9054.2	8998.8	8921.3	8846.5	8721.6	8569.5
32.5°	10238.2	10321.4	10338.1	10408.1	10338.1	10321.4	10238.2	10127.6	10007.4	9842.8	9639.7
30°	11212.1	11328.6	11404.7	11398.9	11404.7	11328.6	11212.1	11064.1	10967.0	10688.1	10466.9
27.5°	11615.4	11766.4	11907.8	11950.4	11907.8	11766.4	11615.4	11433.7	11376.4	10978.7	10839.2
25°	11221.8	11332.1	11457.0	11523.9	11457.0	11332.1	11221.8	11095.9	10899.5	10643.7	10443.6
22.5°	10413.1	10484.9	10527.4	10492.7	10527.4	10484.9	10413.1	10328.3	10144.0	9945.6	9725.9
20°	9679.3	9770.0	9786.9	9823.5	9786.9	9770.0	9679.3	9570.8	9465.9	9295.6	9105.6
17.5°	9133.1	9192.5	9227.4	9235.3	9227.4	9192.5	9133.1	9030.9	8935.0	8781.7	8615.1
15°	8705.0	8752.6	8783.9	8797.8	8783.9	8752.6	8705.0	8622.7	8518.8	8386.9	8242.9
12.5°	8401.7	8459.8	8488.2	8505.5	8488.2	8459.8	8401.7	8331.7	8224.9	8121.4	7970.3
10°	8207.2	8263.2	8285.8	8294.1	8285.8	8263.2	8207.2	8140.0	8056.0	7939.8	7804.2
7.5°	8067.5	8103.4	8118.7	8130.5	8118.7	8103.4	8067.5	8014.2	7926.1	7805.9	7671.5
5°	7954.7	7983.4	7999.5	8016.6	7999.5	7983.4	7954.7	7891.6	7807.3	7700.2	7561.1
2.5°	7801.4	7842.3	7870.7	7887.9	7870.7	7842.3	7801.4	7744.3	7672.5	7570.4	7425.6
0°	7650.7	7689.3	7709.6	7742.7	7709.6	7689.3	7650.7	7593.8	7522.1	7421.0	7279.4
-2.5°	7485.1	7529.9	7583.0	7634.2	7583.0	7529.9	7485.1	7428.7	7365.7	7265.1	7129.9
-5°	7358.4	7417.5	7428.6	7461.4	7428.6	7417.5	7358.4	7286.1	7200.8	7091.0	6960.8
-7.5°	7167.3	7194.2	7240.0	7248.2	7240.0	7194.2	7167.3	7104.7	6999.8	6879.8	6740.8
-10°	6872.8	6916.6	6945.1	6974.3	6945.1	6916.6	6872.8	6806.7	6718.3	6600.8	6473.5
-12.5°	6526.7	6578.2	6624.2	6617.7	6624.2	6578.2	6526.7	6466.8	6387.1	6283.1	6154.8
-15°	6189.5	6239.3	6270.8	6266.6	6270.8	6239.3	6189.5	6115.1	6043.4	5942.4	5831.2
-17.5°	5854.9	5900.3	5945.9	5944.9	5945.9	5900.3	5854.9	5790.6	5709.7	5617.0	5500.4
-20°	5509.4	5548.2	5597.1	5617.7	5597.1	5548.2	5509.4	5453.9	5358.9	5258.2	5138.6



REPORT NUMBER: P558946 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5109.8	5159.5	5195.1	5216.9	5195.1	5159.5	5109.8	5038.8	4954.9	4836.1	4730.6
-25°	4644.1	4695.1	4722.1	4731.6	4722.1	4695.1	4644.1	4589.9	4508.2	4393.5	4283.4
-27.5°	4129.5	4186.7	4214.5	4200.4	4214.5	4186.7	4129.5	4076.5	3986.6	3910.1	3803.3
-30°	3601.8	3638.5	3642.7	3674.6	3642.7	3638.5	3601.8	3562.0	3486.3	3413.1	3324.9
-32.5°	3081.2	3105.8	3091.8	3093.8	3091.8	3105.8	3081.2	3037.3	2976.1	2913.1	2852.7
-35°	2567.1	2586.7	2590.6	2626.8	2590.6	2586.7	2567.1	2544.4	2507.9	2439.4	2415.2
-37.5°	2153.8	2161.7	2149.6	2132.4	2149.6	2161.7	2153.8	2129.2	2105.5	2061.2	2043.8
-40°	1803.3	1809.4	1804.9	1796.0	1804.9	1809.4	1803.3	1785.7	1785.1	1763.1	1739.4
-42.5°	1551.2	1551.2	1547.1	1546.0	1547.1	1551.2	1551.2	1539.2	1536.1	1516.5	1485.8
-45°	1364.9	1366.8	1366.5	1365.8	1366.5	1366.8	1364.9	1356.4	1350.5	1337.2	1312.1
-47.5°	1220.4	1220.7	1218.8	1215.1	1218.8	1220.7	1220.4	1214.1	1205.4	1193.2	1174.0
-50°	1092.3	1092.4	1094.9	1099.3	1094.9	1092.4	1092.3	1088.1	1081.2	1072.4	1058.0
-52.5°	984.3	984.0	985.4	987.1	985.4	984.0	984.3	981.1	975.0	967.3	955.3
-55°	885.4	884.9	883.5	880.5	883.5	884.9	885.4	883.0	877.8	869.9	858.2
-57.5°	790.8	789.7	787.3	783.1	787.3	789.7	790.8	788.9	783.8	777.3	769.6
-60°	700.6	701.0	699.9	696.7	699.9	701.0	700.6	698.3	694.2	691.1	686.1
-62.5°	618.5	617.3	617.0	615.8	617.0	617.3	618.5	617.9	615.5	612.2	607.6
-65°	541.6	540.3	540.7	540.4	540.7	540.3	541.6	541.2	539.1	536.3	533.1
-67.5°	469.1	468.7	469.2	468.8	469.2	468.7	469.1	468.2	466.0	463.8	461.9
-70°	402.4	402.5	400.5	397.1	400.5	402.5	402.4	401.2	399.2	397.0	395.0
-72.5°	336.2	335.0	335.1	334.6	335.1	335.0	336.2	336.4	335.6	334.0	331.8
-75°	273.5	272.7	274.4	275.7	274.4	272.7	273.5	273.6	273.1	272.4	272.2
-77.5°	217.7	216.1	217.6	218.8	217.6	216.1	217.7	218.8	219.2	219.1	219.0
-80°	169.0	168.5	168.0	167.3	168.0	168.5	169.0	169.2	169.1	168.8	169.1
-82.5°	125.2	124.5	124.0	123.2	124.0	124.5	125.2	125.6	125.8	125.7	125.3
-85°	79.2	78.7	79.9	80.9	79.9	78.7	79.2	79.5	79.7	79.6	79.8
-87.5°	36.5	36.7	35.8	34.9	35.8	36.7	36.5	36.2	35.9	35.5	35.5
-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: P558946 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WAF-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°	25.9	27.2	28.4	28.6	28.7	28.7	28.6	28.4	28.2	27.8	27.3
85°	81.8	82.1	82.2	83.5	84.3	84.6	84.2	82.8	80.8	78.2	75.1
82.5°	158.6	158.3	157.6	159.2	159.9	159.8	158.6	155.4	151.4	146.4	140.4
80°	246.0	245.8	245.3	248.7	250.3	250.2	247.9	242.3	234.9	227.3	219.8
77.5°	352.9	355.3	356.3	359.7	360.5	358.6	353.1	344.6	337.1	327.3	314.4
75°	487.2	490.2	492.4	495.6	495.9	493.0	487.4	477.0	463.2	446.1	423.3
72.5°	645.5	649.4	650.6	650.7	647.3	643.7	635.5	621.6	603.6	581.4	551.2
70°	832.1	834.7	833.6	828.3	821.6	812.9	799.1	779.6	754.7	728.5	691.5
67.5°	1051.9	1049.0	1041.5	1031.1	1020.0	1003.4	981.4	953.3	924.6	891.7	841.8
65°	1301.3	1292.6	1282.7	1268.6	1247.6	1219.6	1185.6	1150.1	1112.5	1066.8	1003.8
62.5°	1582.8	1554.8	1545.2	1531.5	1504.9	1465.9	1424.2	1379.2	1323.1	1257.6	1194.3
60°	1910.4	1886.6	1862.7	1831.1	1792.0	1743.3	1690.6	1629.6	1560.5	1487.6	1402.9
57.5°	2264.1	2232.3	2207.9	2165.6	2105.0	2048.1	1981.9	1897.9	1815.1	1730.6	1629.4
55°	2687.8	2644.0	2592.1	2533.2	2468.4	2394.5	2304.2	2206.1	2104.8	1988.4	1880.5
52.5°	3103.2	3064.2	3004.6	2920.0	2844.0	2766.8	2660.6	2545.6	2431.1	2310.4	2159.0
50°	3594.3	3534.9	3453.5	3355.2	3275.5	3170.2	3051.9	2912.3	2793.2	2655.2	2488.3
47.5°	4087.8	4049.1	3953.2	3839.1	3765.2	3643.0	3497.3	3341.1	3209.6	3021.8	2839.9
45°	4712.2	4641.7	4534.2	4436.1	4320.5	4184.8	3998.9	3849.6	3673.7	3468.7	3205.2
42.5°	5443.8	5342.0	5202.5	5120.0	4981.2	4802.4	4595.6	4407.6	4188.3	3948.5	3645.8
40°	6330.6	6162.7	6021.0	5888.2	5730.0	5494.1	5264.9	5014.7	4752.4	4457.4	4063.4
37.5°	7349.1	7171.2	6962.2	6742.6	6538.3	6269.1	5962.3	5667.6	5352.4	4908.7	4459.5
35°	8409.6	8206.6	7948.6	7682.4	7365.0	6987.9	6671.3	6323.8	5893.3	5317.6	4826.0
32.5°	9456.9	9123.4	8844.0	8556.7	8081.4	7615.8	7275.1	6966.3	6235.2	5641.2	5148.0
30°	10214.0	9792.1	9508.8	9115.5	8519.1	8095.1	7771.2	7130.2	6449.8	5866.8	5398.8
27.5°	10379.6	10067.3	9779.8	9189.5	8675.9	8301.0	7794.7	7141.3	6522.5	5974.0	5520.9
25°	10061.4	9776.2	9426.5	8935.6	8506.9	8121.7	7590.1	6998.3	6443.0	5959.4	5450.8
22.5°	9457.3	9196.6	8878.2	8495.1	8131.6	7738.6	7270.1	6757.2	6279.5	5826.8	5334.4
20°	8880.0	8645.4	8350.3	8046.7	7734.1	7361.4	6916.8	6497.4	6108.6	5670.2	5194.6
17.5°	8426.2	8183.7	7951.9	7688.8	7368.6	6987.8	6667.9	6322.3	5938.2	5502.6	5035.1
15°	8047.9	7865.3	7644.5	7367.1	7073.2	6802.1	6497.9	6144.6	5761.9	5321.5	4886.2
12.5°	7817.0	7621.8	7380.6	7163.5	6918.7	6635.0	6321.5	5961.1	5595.2	5226.4	4836.0
10°	7632.3	7447.4	7248.7	7020.2	6761.8	6467.5	6174.2	5861.0	5520.2	5158.2	4771.9
7.5°	7513.9	7323.2	7111.4	6888.8	6640.8	6376.3	6088.7	5777.0	5433.0	5071.7	4692.9
5°	7399.0	7209.1	7005.6	6791.7	6538.3	6274.2	5989.5	5677.0	5331.6	4967.0	4598.3
2.5°	7267.5	7087.8	6891.5	6677.7	6420.1	6156.7	5875.8	5559.4	5219.1	4868.7	4490.6
0°	7119.5	6954.1	6742.7	6527.6	6284.9	6027.6	5746.3	5422.8	5090.1	4759.2	4365.8
-2.5°	6978.9	6802.8	6607.5	6394.1	6161.6	5895.2	5615.7	5302.8	4963.0	4628.5	4243.8
-5°	6807.2	6636.0	6440.0	6217.1	5982.7	5719.8	5442.0	5139.7	4805.5	4474.8	4107.2
-7.5°	6586.1	6421.7	6236.5	6014.6	5775.3	5512.7	5231.8	4929.7	4604.2	4277.0	3919.8
-10°	6320.6	6145.7	5957.5	5750.6	5526.6	5278.5	5000.6	4699.0	4385.8	4060.0	3716.4
-12.5°	6009.2	5842.8	5654.3	5452.2	5231.3	4988.6	4731.4	4443.6	4150.8	3823.4	3497.5
-15°	5677.7	5531.4	5345.8	5134.1	4908.4	4678.5	4434.3	4159.9	3889.4	3569.1	3263.3
-17.5°	5360.2	5199.1	5016.0	4820.6	4594.3	4352.5	4116.5	3864.9	3603.3	3311.5	3031.6
-20°	5003.8	4840.8	4671.1	4483.1	4267.5	4034.8	3794.3	3554.3	3308.5	3054.5	2800.1



REPORT NUMBER: P558946 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4601.7	4459.0	4298.5	4120.7	3909.7	3691.3	3470.8	3244.1	3011.7	2792.9	2564.8
-25°	4170.4	4041.1	3883.3	3715.3	3528.9	3331.7	3138.3	2937.0	2736.9	2531.9	2329.6
-27.5°	3704.4	3584.3	3447.7	3300.4	3135.5	2975.3	2804.4	2630.9	2469.3	2288.4	2111.9
-30°	3226.7	3133.3	3016.0	2877.5	2762.8	2629.1	2474.1	2350.6	2210.6	2055.7	1911.8
-32.5°	2766.9	2691.6	2595.2	2503.1	2407.2	2300.4	2194.5	2079.9	1957.7	1847.4	1729.6
-35°	2352.2	2289.4	2236.9	2167.9	2078.2	2007.3	1925.7	1831.7	1738.3	1649.6	1555.2
-37.5°	2010.9	1955.0	1915.8	1864.5	1802.0	1735.9	1682.3	1617.7	1541.1	1470.3	1393.7
-40°	1718.0	1671.5	1643.0	1612.2	1569.5	1507.8	1474.0	1425.8	1373.1	1305.0	1243.4
-42.5°	1483.4	1461.5	1429.0	1409.6	1376.1	1334.2	1290.7	1263.0	1220.8	1167.7	1117.3
-45°	1304.3	1290.2	1262.3	1242.9	1218.2	1185.0	1140.8	1120.0	1088.1	1051.3	1003.6
-47.5°	1160.8	1150.5	1129.8	1104.3	1085.3	1056.6	1025.6	996.3	977.7	946.1	907.0
-50°	1041.8	1032.0	1013.6	988.2	970.7	948.9	924.4	895.4	877.6	850.8	818.2
-52.5°	939.3	926.7	910.4	889.3	872.4	857.2	835.4	808.7	785.4	766.9	743.1
-55°	842.6	831.8	820.9	805.8	787.4	772.6	752.1	728.9	709.7	693.7	673.4
-57.5°	761.0	751.4	739.5	725.2	708.4	693.9	678.5	660.5	640.7	625.8	606.9
-60°	678.2	667.9	659.4	648.6	635.4	622.1	609.6	594.2	576.1	561.3	544.8
-62.5°	601.2	592.8	585.6	577.0	566.4	554.7	543.4	530.5	515.5	500.2	486.3
-65°	528.5	522.6	516.4	508.9	500.2	490.2	480.4	469.7	457.5	443.9	430.9
-67.5°	458.4	453.2	447.9	442.3	436.2	429.3	421.6	412.3	402.1	391.0	380.1
-70°	391.6	386.6	382.4	379.1	375.5	370.9	364.8	357.5	349.2	340.5	330.9
-72.5°	329.0	325.6	322.9	321.1	318.1	314.3	309.8	304.7	298.8	292.0	283.0
-75°	271.3	269.5	267.6	266.2	263.9	260.5	256.9	253.2	248.4	242.6	235.3
-77.5°	218.3	217.1	215.5	214.1	211.9	208.8	205.2	202.4	199.2	194.7	189.1
-80°	169.0	168.4	167.3	166.2	164.7	162.6	160.2	157.4	153.6	149.3	145.2
-82.5°	124.6	123.7	122.6	121.7	120.3	118.5	116.3	114.2	111.8	109.1	106.1
-85°	79.7	79.4	78.9	78.1	77.3	76.3	75.3	74.4	73.3	71.9	70.2
-87.5°	35.4	35.2	35.0	35.9	36.6	37.2	37.7	37.2	36.6	35.9	35.1
-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: P558946 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WAF-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°	26.7	26.0	25.2	24.3	23.7	23.0	22.1	21.0	19.2	17.3	15.3
85°	71.3	66.9	62.0	56.6	51.4	46.0	44.1	41.9	38.3	34.5	30.7
82.5°	133.0	126.6	119.9	112.4	104.2	95.5	86.2	76.4	64.4	52.8	45.9
80°	210.0	199.3	187.4	174.5	160.2	144.9	132.3	118.5	101.5	85.1	69.3
77.5°	297.7	279.4	259.7	242.8	225.3	206.3	185.9	162.9	138.2	117.0	96.6
75°	395.3	372.3	348.6	322.9	295.5	267.8	243.6	215.5	182.0	149.4	123.5
72.5°	516.7	481.1	444.4	406.6	373.8	340.0	305.2	267.2	227.9	189.5	152.1
70°	646.7	597.6	551.5	506.1	458.8	412.1	371.7	324.7	273.1	228.9	186.0
67.5°	785.2	731.5	672.9	608.5	551.7	496.4	439.7	382.7	325.0	267.6	219.2
65°	942.4	874.6	801.3	730.7	655.3	581.5	518.1	442.8	375.7	312.5	251.7
62.5°	1115.3	1026.8	947.1	858.2	770.1	683.0	593.9	509.1	427.1	356.2	287.8
60°	1311.1	1214.1	1102.2	1002.7	896.4	789.6	683.7	573.2	483.7	398.8	324.8
57.5°	1526.6	1412.4	1292.8	1161.3	1036.4	910.1	773.4	646.4	538.3	445.1	360.3
55°	1751.8	1623.5	1488.3	1343.7	1189.5	1043.7	867.7	721.3	593.4	490.9	393.4
52.5°	2003.9	1850.6	1694.6	1531.6	1361.8	1173.5	972.4	791.9	655.2	534.7	428.5
50°	2294.4	2102.7	1917.6	1730.2	1536.5	1309.9	1070.2	876.3	713.2	578.8	461.9
47.5°	2625.9	2393.1	2163.7	1938.8	1724.5	1436.6	1177.9	956.9	767.3	625.9	493.0
45°	2969.0	2712.7	2434.8	2174.6	1877.3	1564.9	1282.8	1031.0	832.6	666.9	521.7
42.5°	3313.6	3036.1	2737.9	2412.6	2034.2	1686.5	1378.6	1114.4	892.8	704.6	551.8
40°	3696.2	3358.5	3040.2	2633.6	2176.8	1797.1	1477.3	1192.6	946.9	742.6	581.9
37.5°	4061.2	3687.7	3337.8	2802.3	2307.3	1910.2	1567.4	1262.6	996.5	783.6	609.2
35°	4401.8	4006.8	3487.7	2939.5	2436.8	2006.0	1647.1	1328.5	1049.1	819.7	633.8
32.5°	4712.5	4211.3	3602.7	3046.5	2539.5	2084.2	1719.5	1387.3	1094.1	851.0	655.5
30°	4924.3	4287.8	3681.7	3123.8	2616.0	2159.9	1778.4	1436.0	1131.6	877.3	675.7
27.5°	4935.5	4323.3	3723.9	3172.1	2668.6	2215.5	1823.1	1474.7	1161.5	901.8	696.6
25°	4896.8	4307.7	3730.1	3190.0	2696.6	2261.0	1857.5	1503.8	1189.0	925.6	713.7
22.5°	4806.3	4252.2	3702.0	3178.0	2727.1	2292.4	1885.9	1528.6	1211.2	943.5	727.0
20°	4692.0	4162.1	3654.8	3189.8	2742.6	2312.4	1907.2	1544.7	1225.6	955.7	736.6
17.5°	4552.0	4090.6	3646.8	3187.6	2742.6	2318.3	1916.9	1552.1	1232.4	962.3	742.6
15°	4487.6	4062.6	3622.9	3170.6	2727.5	2310.6	1915.1	1551.1	1231.9	963.7	746.8
12.5°	4435.8	4018.4	3584.1	3138.8	2697.8	2289.7	1902.4	1541.9	1224.6	963.7	749.9
10°	4370.3	3958.3	3530.3	3092.5	2654.2	2256.3	1879.3	1527.9	1220.9	962.1	750.1
7.5°	4290.5	3882.3	3461.8	3031.9	2601.7	2218.9	1855.6	1512.3	1213.2	956.4	747.5
5°	4197.9	3798.4	3388.2	2973.8	2561.7	2179.2	1824.3	1489.1	1200.3	946.9	742.2
2.5°	4097.8	3711.7	3305.9	2903.4	2511.3	2130.0	1784.6	1459.0	1182.4	933.8	734.5
0°	3981.6	3610.3	3209.6	2819.9	2450.4	2071.7	1737.1	1422.8	1159.9	917.3	724.3
-2.5°	3879.5	3498.9	3105.9	2729.2	2361.6	2001.9	1685.4	1386.4	1134.9	901.1	713.6
-5°	3760.9	3373.0	2990.0	2627.0	2263.5	1924.8	1627.4	1345.2	1106.0	882.0	700.9
-7.5°	3586.5	3219.3	2858.0	2512.1	2157.4	1841.6	1564.0	1299.9	1073.4	860.3	686.2
-10°	3390.1	3045.1	2708.4	2382.3	2054.3	1759.5	1497.0	1251.0	1037.7	836.2	669.8
-12.5°	3182.5	2861.7	2550.5	2246.3	1948.0	1678.5	1432.9	1203.0	999.6	809.9	651.7
-15°	2965.1	2670.5	2385.7	2105.5	1838.2	1593.4	1365.8	1154.0	962.1	783.0	632.1
-17.5°	2743.9	2473.0	2215.1	1961.7	1726.1	1505.0	1296.2	1102.5	922.5	756.1	612.6
-20°	2542.0	2288.6	2041.3	1816.1	1613.1	1414.0	1225.1	1048.9	881.2	727.7	592.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2340.6	2118.3	1895.0	1680.8	1502.2	1321.0	1153.0	993.7	838.5	698.0	571.5
-25°	2140.1	1949.0	1752.2	1568.4	1394.7	1234.7	1083.3	937.1	794.7	667.3	549.1
-27.5°	1951.2	1784.0	1608.9	1455.7	1300.8	1149.7	1016.2	883.5	752.2	635.8	525.4
-30°	1771.0	1626.4	1480.2	1345.5	1208.0	1075.7	948.9	830.0	713.5	605.3	500.6
-32.5°	1604.5	1470.9	1357.5	1243.1	1122.7	1002.3	886.5	776.7	674.6	574.9	477.5
-35°	1449.8	1338.0	1238.3	1144.1	1040.2	935.6	829.4	724.0	635.7	543.6	454.7
-37.5°	1302.5	1220.3	1134.9	1051.1	958.3	870.1	775.6	680.4	597.0	511.5	431.4
-40°	1181.3	1111.2	1039.8	963.0	885.5	806.1	721.6	639.2	559.3	478.7	407.7
-42.5°	1065.9	1011.4	949.9	877.5	818.0	747.0	668.5	597.2	522.8	449.2	383.7
-45°	963.2	916.9	864.5	810.2	753.3	688.5	621.6	554.8	486.3	421.5	360.5
-47.5°	866.4	832.0	789.4	744.1	691.5	632.2	574.2	514.5	449.8	393.7	338.3
-50°	784.8	755.2	721.0	679.9	630.9	580.7	527.7	474.3	419.1	366.4	315.6
-52.5°	714.1	685.8	655.2	617.3	575.5	529.0	484.8	434.8	387.9	339.8	292.5
-55°	647.6	619.9	591.9	559.5	521.9	483.1	442.4	399.9	356.1	313.4	269.3
-57.5°	584.9	557.9	533.8	504.6	473.2	439.4	402.6	364.4	325.7	286.5	248.7
-60°	524.6	502.5	478.7	454.8	427.5	396.7	363.8	329.5	295.5	260.1	227.9
-62.5°	469.1	449.2	429.5	407.9	382.7	355.0	325.3	296.2	265.0	236.2	206.8
-65°	417.0	400.6	381.9	361.4	338.5	314.2	289.1	262.5	237.4	212.1	185.5
-67.5°	367.3	352.1	334.0	315.0	296.8	276.5	253.1	231.8	210.4	187.7	164.5
-70°	318.8	304.0	288.9	274.4	258.0	239.4	220.8	202.2	183.3	164.3	143.4
-72.5°	272.0	260.4	248.2	235.1	220.9	205.6	189.1	173.0	157.9	140.9	122.2
-75°	226.5	217.6	208.1	197.5	185.1	171.8	159.0	145.9	132.4	117.4	103.4
-77.5°	182.7	175.8	168.3	160.6	151.1	140.9	130.1	118.8	107.9	97.0	85.3
-80°	141.4	137.0	132.0	126.1	118.3	110.0	102.2	94.2	85.8	76.8	67.2
-82.5°	103.2	100.1	96.6	92.5	87.2	81.7	76.1	70.2	63.6	56.5	49.6
-85°	68.2	65.8	63.0	59.9	56.6	53.3	50.0	46.5	42.1	37.6	33.1
-87.5°	33.8	32.5	31.1	29.5	28.2	26.6	25.0	23.3	21.1	18.8	16.6
-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):

	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°	13.3	11.2	9.1	6.9	4.6	2.3	0.0
85°	26.6	22.5	18.2	13.8	9.3	4.6	0.0
82.5°	39.9	33.7	27.2	20.6	13.9	6.8	0.0
80°	54.3	44.8	36.2	27.5	18.5	9.1	0.0
77.5°	77.0	58.4	45.2	34.2	23.0	11.3	0.0
75°	99.5	76.6	55.0	41.0	27.5	13.6	0.0
72.5°	121.6	94.5	68.9	47.6	32.0	15.7	0.0
70°	144.2	112.0	82.5	54.8	36.3	17.9	0.0
67.5°	171.8	129.2	95.8	64.5	40.6	20.0	0.0
65°	198.6	148.3	108.9	74.0	44.9	22.1	0.0
62.5°	224.5	169.2	121.6	83.3	49.0	24.1	0.0
60°	249.5	189.3	133.9	92.3	53.0	26.1	0.0
57.5°	277.8	208.6	148.7	101.1	58.7	28.1	0.0
55°	305.2	227.1	163.1	109.5	64.2	30.0	0.0
52.5°	331.1	245.2	176.9	117.7	69.6	31.8	0.0
50°	355.5	265.1	189.9	125.5	74.7	33.5	0.0
47.5°	378.8	283.8	202.3	133.3	79.7	35.2	0.0
45°	403.1	301.2	214.0	142.0	84.5	36.9	0.0
42.5°	425.5	317.4	224.9	150.2	89.0	38.4	0.0
40°	446.0	332.2	236.0	158.0	93.3	39.9	0.0
37.5°	464.4	345.7	247.0	165.4	97.4	41.3	0.0
35°	480.8	359.1	257.1	172.3	101.2	42.6	0.0
32.5°	496.6	371.8	266.2	178.8	104.8	43.8	0.0
30°	513.6	382.9	274.3	184.7	108.2	45.0	0.0
27.5°	528.2	392.4	282.0	190.1	111.3	46.0	0.0
25°	540.6	400.5	288.8	195.0	114.1	47.0	0.0
22.5°	550.7	407.5	294.7	199.4	116.6	47.9	0.0
20°	558.5	414.5	299.6	203.3	118.9	48.7	0.0
17.5°	565.6	420.2	303.6	206.6	120.9	49.4	0.0
15°	571.3	424.7	306.6	209.4	122.6	50.0	0.0
12.5°	574.8	428.0	308.7	211.7	124.0	50.5	0.0
10°	576.2	430.1	310.0	213.4	125.1	50.9	0.0
7.5°	575.5	431.0	310.4	214.6	126.0	51.2	0.0
5°	573.0	430.7	310.1	215.3	126.5	51.4	0.0
2.5°	568.6	429.2	308.9	215.5	126.8	51.5	0.0
0°	562.5	426.5	307.0	215.1	126.8	51.5	0.0
-2.5°	556.0	422.5	305.5	214.1	126.5	51.6	0.0
-5°	548.1	417.3	303.3	212.6	125.9	51.5	0.0
-7.5°	538.6	411.2	300.4	210.7	125.1	51.4	0.0
-10°	527.8	404.1	296.9	208.2	123.9	51.2	0.0
-12.5°	515.7	396.1	292.6	205.3	122.5	50.9	0.0
-15°	502.3	387.4	287.7	202.0	120.9	50.4	0.0
-17.5°	487.8	377.9	282.2	198.2	119.0	49.9	0.0
-20°	472.8	367.7	276.0	194.0	116.8	49.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	457.7	356.9	269.2	189.4	114.5	48.6	0.0
-25°	441.7	346.1	261.8	184.4	111.9	47.7	0.0
-27.5°	424.9	334.9	253.9	179.1	109.0	46.8	0.0
-30°	407.3	323.0	245.4	173.4	106.0	45.8	0.0
-32.5°	389.1	310.4	236.6	167.3	102.8	44.7	0.0
-35°	372.1	297.1	227.3	160.9	99.3	43.5	0.0
-37.5°	355.2	283.8	217.6	154.2	95.7	42.2	0.0
-40°	337.7	271.0	207.5	147.3	91.9	40.8	0.0
-42.5°	319.7	257.7	197.4	140.0	88.0	39.3	0.0
-45°	301.1	244.0	187.4	132.6	83.9	37.8	0.0
-47.5°	282.0	230.0	177.1	124.8	79.6	36.2	0.0
-50°	264.5	215.6	166.4	117.8	75.2	34.5	0.0
-52.5°	247.1	200.9	155.4	111.0	70.6	32.7	0.0
-55°	229.3	186.7	144.0	104.0	65.9	30.8	0.0
-57.5°	211.3	172.3	132.4	96.7	61.1	28.9	0.0
-60°	193.2	157.6	120.6	89.3	56.2	26.9	0.0
-62.5°	175.4	142.6	110.6	81.7	52.0	24.9	0.0
-65°	157.3	127.3	100.4	74.0	47.7	22.8	0.0
-67.5°	139.0	113.2	90.1	66.1	43.3	20.7	0.0
-70°	120.5	100.2	79.5	58.1	38.7	18.5	0.0
-72.5°	104.5	87.0	68.9	50.9	34.1	16.3	0.0
-75°	88.8	73.7	58.1	43.8	29.4	14.0	0.0
-77.5°	73.0	60.3	48.3	36.6	24.6	11.7	0.0
-80°	57.0	47.9	38.8	29.4	19.7	9.4	0.0
-82.5°	42.7	36.0	29.1	22.1	14.8	7.1	0.0
-85°	28.5	24.0	19.4	14.7	9.9	4.7	0.0
-87.5°	14.3	12.0	9.7	7.4	5.0	2.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)