

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: P559138 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-927-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559138 (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-SA6B-927-U-WAF-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

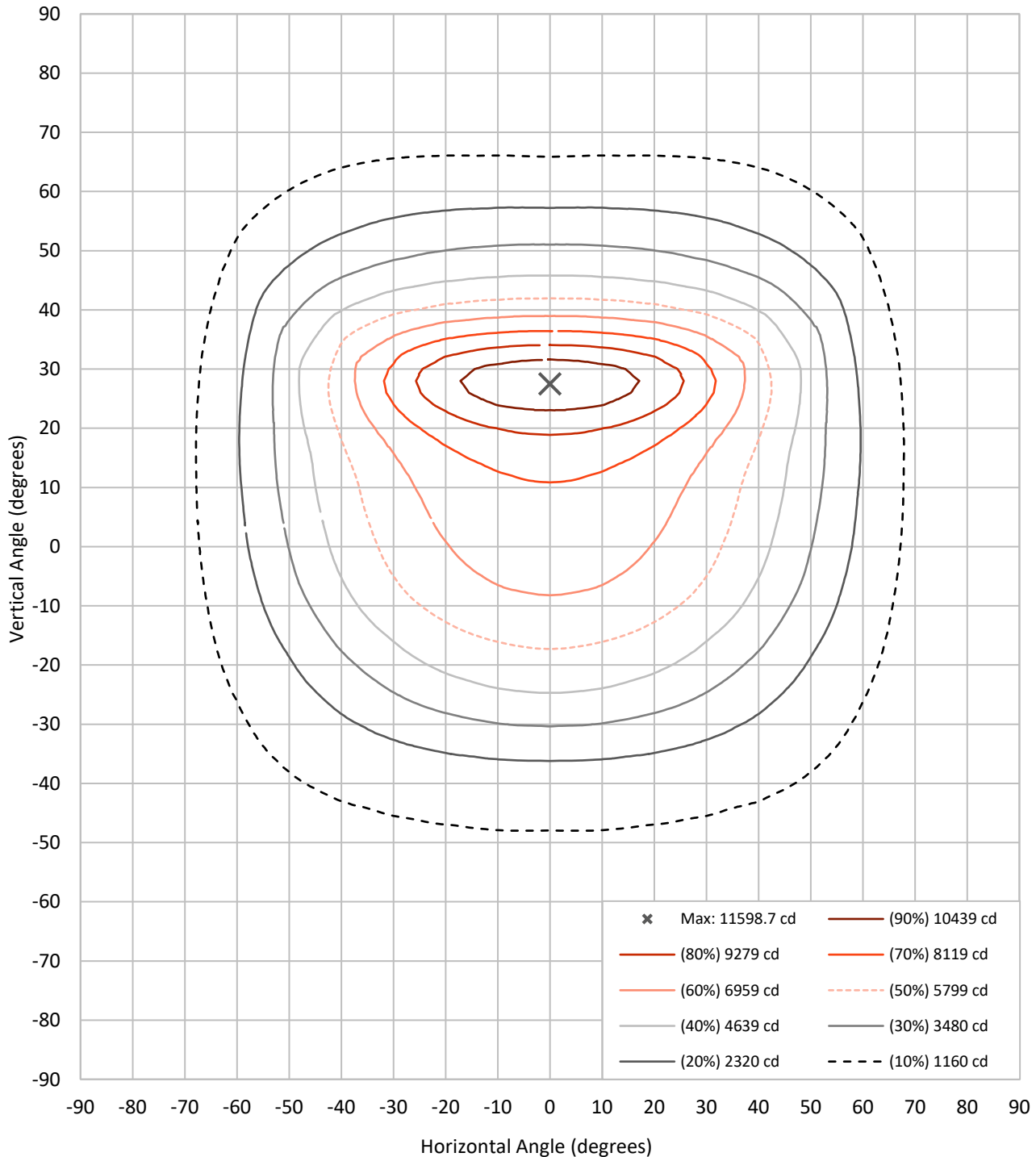
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	16908.9 lumens	Max Intensity:	11598.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	91.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	8769.8 lumens	Field Lumens:	15642.2 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%

Input Watts (W): 185
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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CATALOG NUMBER: GFLD-SA6B-927-U-WAF-XX

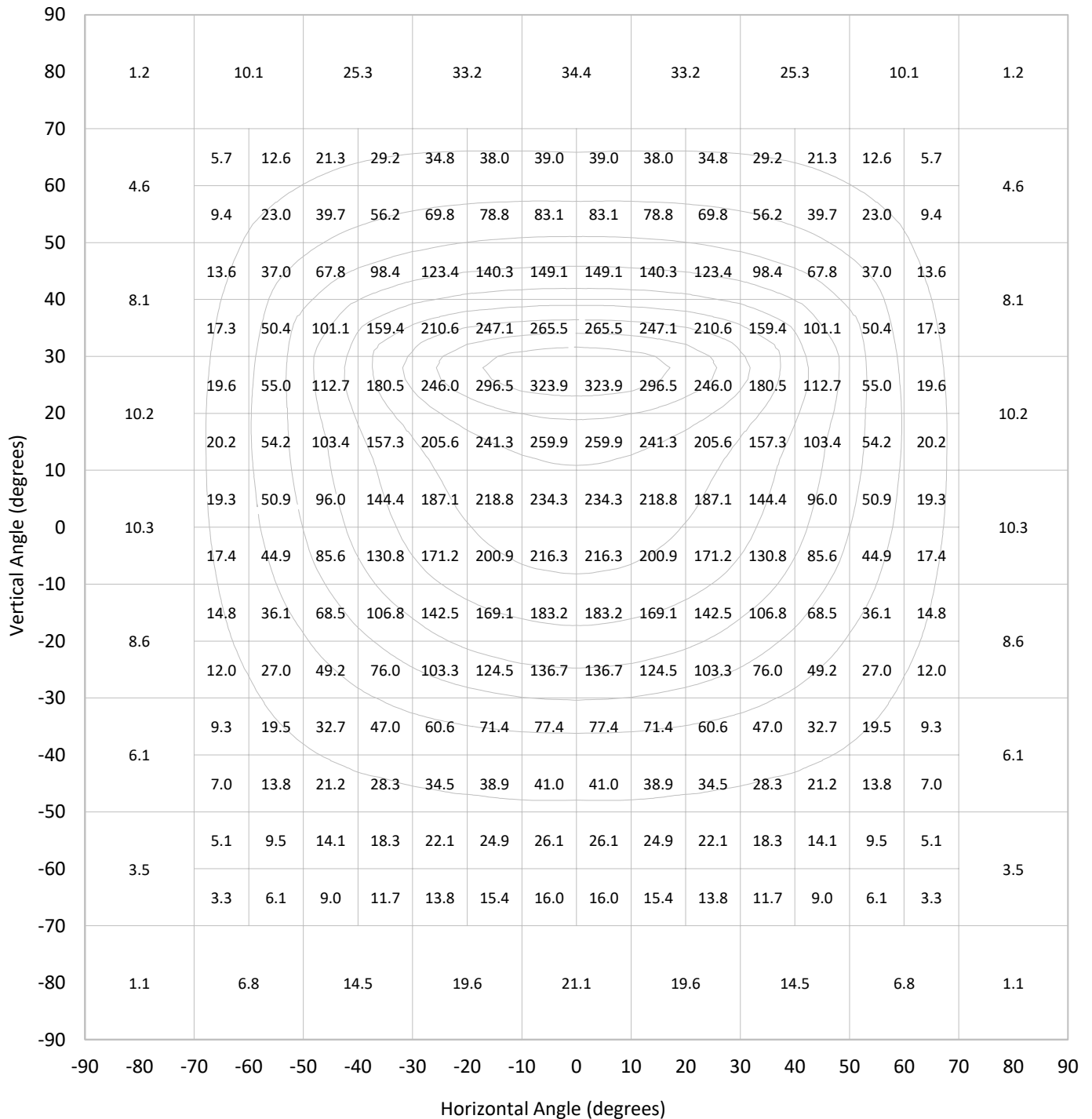
Iso-Candela Plot





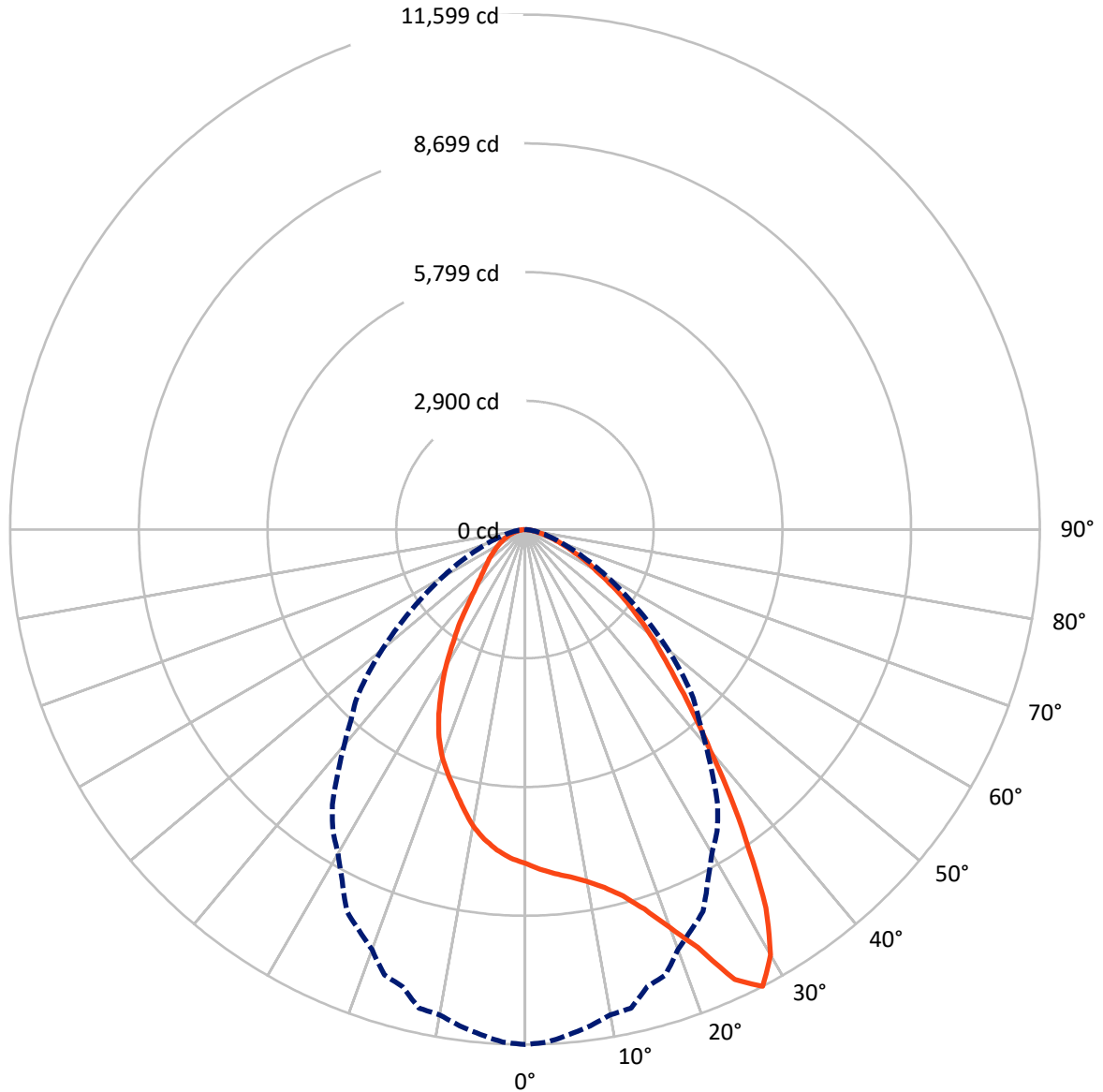
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 CATALOG NUMBER: GFLD-SA6B-927-U-WAF-XX

Lumen Table



REPORT NUMBER: P559138 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-927-U-WAF-XX

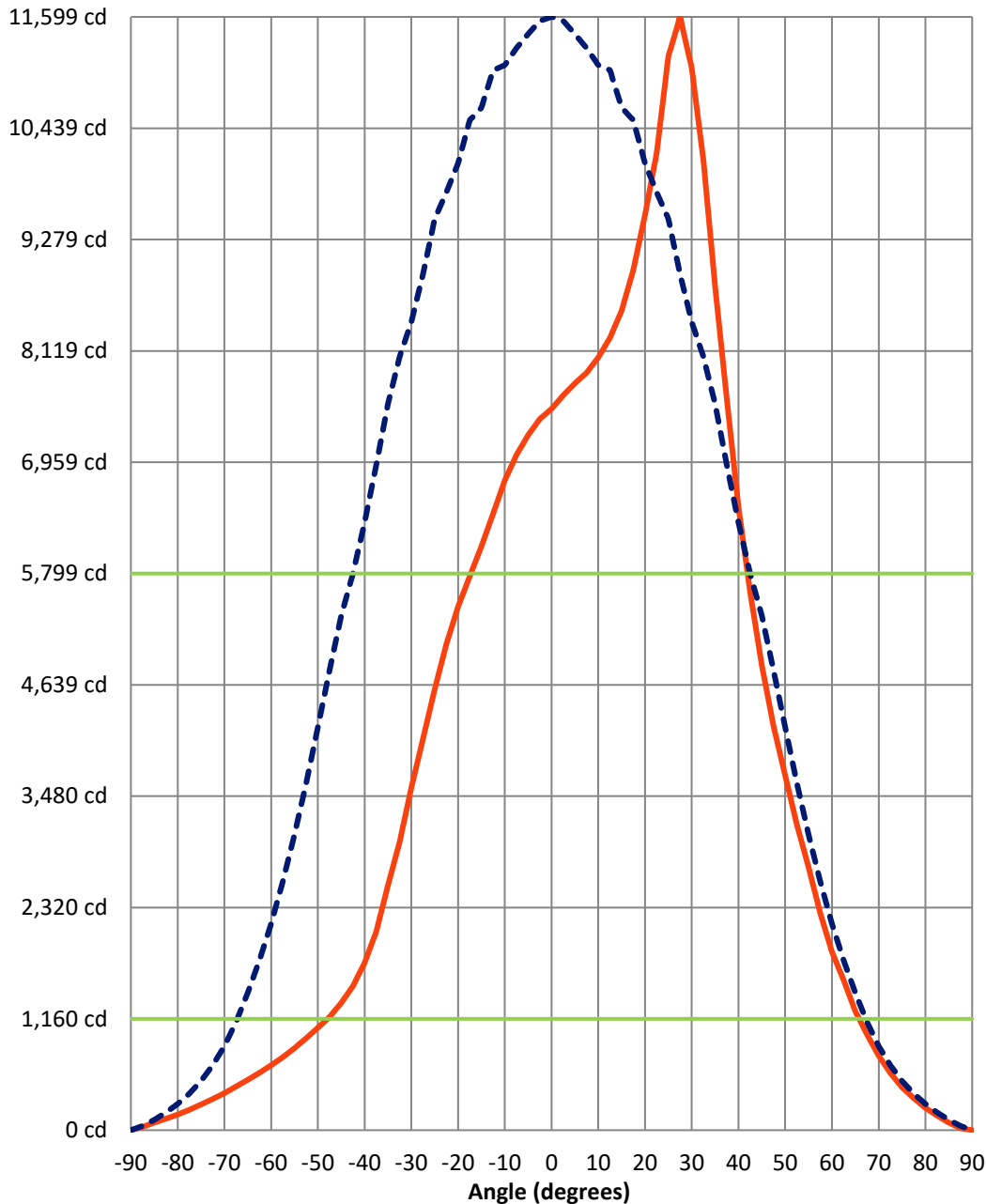
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559138 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-WAF-XX

Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 8769.8
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 15642.2
 Efficiency: 92.5%

Spill:
 Lumens: 1266.7
 Efficiency: 7.5%

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



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 CATALOG NUMBER: GFLD-SA6B-927-U-WAF-XX

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	2.2	4.5	6.7	8.8	10.9	12.9	14.9	16.8	18.6	20.4
85°	0.0	4.4	9.0	13.4	17.6	21.8	25.9	29.8	33.6	37.2	40.7
82.5°	0.0	6.6	13.5	20.0	26.4	32.7	38.7	44.6	51.3	62.5	74.2
80°	0.0	8.8	17.9	26.6	35.2	43.5	52.7	67.3	82.6	98.5	115.1
77.5°	0.0	11.0	22.3	33.2	43.8	56.7	74.8	93.8	113.6	134.2	158.2
75°	0.0	13.1	26.7	39.7	53.4	74.3	96.6	119.9	145.0	176.7	209.2
72.5°	0.0	15.3	31.0	46.2	66.8	91.7	118.1	147.7	183.9	221.2	259.3
70°	0.0	17.4	35.3	53.2	80.1	108.8	140.0	180.6	222.2	265.1	315.1
67.5°	0.0	19.4	39.4	62.6	93.0	125.5	166.8	212.8	259.8	315.4	371.5
65°	0.0	21.5	43.5	71.9	105.7	144.0	192.8	244.3	303.3	364.7	429.8
62.5°	0.0	23.4	47.5	80.9	118.1	164.2	218.0	279.3	345.7	414.5	494.1
60°	0.0	25.4	51.4	89.6	130.0	183.7	242.2	315.2	387.0	469.5	556.3
57.5°	0.0	27.2	56.9	98.1	144.4	202.5	269.6	349.7	432.0	522.4	627.3
55°	0.0	29.1	62.3	106.3	158.4	220.4	296.2	381.8	476.4	576.0	700.0
52.5°	0.0	30.8	67.5	114.2	171.7	238.0	321.4	415.9	518.9	635.9	768.5
50°	0.0	32.6	72.5	121.8	184.4	257.3	345.1	448.3	561.8	692.2	850.5
47.5°	0.0	34.2	77.3	129.5	196.4	275.4	367.6	478.5	607.5	744.7	928.7
45°	0.0	35.8	82.0	137.9	207.7	292.3	391.3	506.4	647.3	808.1	1000.7
42.5°	0.0	37.3	86.4	145.8	218.3	308.0	413.0	535.5	683.8	866.5	1081.6
40°	0.0	38.7	90.6	153.4	229.0	322.4	432.9	564.8	720.7	919.1	1157.5
37.5°	0.0	40.1	94.5	160.6	239.7	335.5	450.8	591.3	760.5	967.1	1225.4
35°	0.0	41.4	98.3	167.3	249.5	348.6	466.7	615.1	795.6	1018.2	1289.4
32.5°	0.0	42.6	101.8	173.5	258.4	360.8	482.0	636.2	825.9	1061.9	1346.5
30°	0.0	43.7	105.0	179.3	266.2	371.6	498.5	655.7	851.4	1098.3	1393.8
27.5°	0.0	44.7	108.0	184.5	273.7	380.9	512.7	676.1	875.2	1127.3	1431.4
25°	0.0	45.6	110.7	189.3	280.3	388.7	524.7	692.6	898.3	1154.0	1459.6
22.5°	0.0	46.5	113.2	193.5	286.0	395.5	534.5	705.5	915.7	1175.6	1483.7
20°	0.0	47.3	115.4	197.3	290.8	402.3	542.1	714.9	927.5	1189.5	1499.3
17.5°	0.0	47.9	117.3	200.5	294.6	407.8	548.9	720.7	934.0	1196.2	1506.5
15°	0.0	48.5	119.0	203.2	297.6	412.2	554.4	724.8	935.3	1195.7	1505.5
12.5°	0.0	49.0	120.4	205.4	299.7	415.4	557.8	727.8	935.3	1188.6	1496.5
10°	0.0	49.4	121.5	207.1	300.9	417.4	559.2	728.0	933.8	1185.0	1482.9
7.5°	0.0	49.7	122.3	208.2	301.3	418.3	558.5	725.5	928.3	1177.5	1467.8
5°	0.0	49.9	122.9	208.9	301.0	418.0	556.1	720.4	919.0	1165.0	1445.2
2.5°	0.0	50.0	123.1	209.0	299.8	416.5	551.8	712.9	906.3	1147.6	1416.0
0°	0.0	50.0	123.1	208.7	298.0	413.9	545.9	703.0	890.3	1125.8	1380.9
-2.5°	0.0	50.1	122.8	207.8	296.6	410.0	539.6	692.7	874.6	1101.6	1345.5
-5°	0.0	50.0	122.2	206.3	294.4	405.0	531.9	680.3	856.1	1073.4	1305.6
-7.5°	0.0	49.9	121.4	204.4	291.6	399.1	522.8	666.1	835.0	1041.8	1261.6
-10°	0.0	49.7	120.3	202.1	288.2	392.2	512.3	650.1	811.6	1007.1	1214.2
-12.5°	0.0	49.4	118.9	199.3	284.1	384.5	500.5	632.5	786.1	970.2	1167.6
-15°	0.0	49.0	117.3	196.0	279.3	376.0	487.6	613.5	760.0	933.8	1120.0
-17.5°	0.0	48.4	115.5	192.3	273.9	366.8	473.5	594.6	733.8	895.4	1070.0
-20°	0.0	47.8	113.4	188.3	267.9	356.9	458.9	575.3	706.3	855.3	1018.0



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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	47.1	111.1	183.8	261.3	346.4	444.2	554.7	677.5	813.8	964.4
-25°	0.0	46.3	108.6	179.0	254.2	336.0	428.7	532.9	647.7	771.3	909.5
-27.5°	0.0	45.4	105.8	173.8	246.4	325.1	412.4	509.9	617.1	730.1	857.4
-30°	0.0	44.4	102.9	168.2	238.2	313.5	395.4	485.9	587.5	692.5	805.5
-32.5°	0.0	43.4	99.7	162.4	229.6	301.3	377.7	463.5	558.0	654.8	753.8
-35°	0.0	42.2	96.4	156.2	220.6	288.4	361.2	441.3	527.7	617.0	702.7
-37.5°	0.0	40.9	92.9	149.7	211.2	275.5	344.8	418.7	496.5	579.4	660.4
-40°	0.0	39.6	89.2	142.9	201.4	263.0	327.8	395.8	464.7	542.8	620.4
-42.5°	0.0	38.2	85.4	135.8	191.6	250.2	310.3	372.5	436.1	507.5	579.6
-45°	0.0	36.7	81.4	128.6	181.9	236.9	292.3	349.9	409.1	472.0	538.5
-47.5°	0.0	35.1	77.2	121.1	171.9	223.3	273.7	328.3	382.2	436.6	499.3
-50°	0.0	33.4	72.9	114.3	161.5	209.3	256.8	306.3	355.6	406.8	460.3
-52.5°	0.0	31.7	68.5	107.7	150.8	195.0	239.8	283.9	329.8	376.5	422.0
-55°	0.0	29.9	64.0	100.9	139.8	181.2	222.6	261.4	304.2	345.6	388.1
-57.5°	0.0	28.1	59.3	93.8	128.5	167.2	205.1	241.5	278.1	316.1	353.7
-60°	0.0	26.1	54.5	86.7	117.1	152.9	187.5	221.2	252.4	286.8	319.8
-62.5°	0.0	24.2	50.5	79.3	107.4	138.4	170.2	200.7	229.3	257.2	287.4
-65°	0.0	22.1	46.3	71.8	97.5	123.6	152.7	180.0	205.8	230.4	254.8
-67.5°	0.0	20.1	42.0	64.2	87.4	109.9	134.9	159.7	182.2	204.2	225.0
-70°	0.0	17.9	37.6	56.4	77.2	97.2	117.0	139.2	159.5	177.9	196.2
-72.5°	0.0	15.8	33.1	49.4	66.8	84.5	101.5	118.6	136.8	153.2	167.9
-75°	0.0	13.6	28.5	42.5	56.4	71.6	86.2	100.4	114.0	128.6	141.6
-77.5°	0.0	11.4	23.9	35.5	46.9	58.6	70.9	82.8	94.2	104.7	115.3
-80°	0.0	9.1	19.2	28.5	37.6	46.5	55.4	65.2	74.5	83.3	91.4
-82.5°	0.0	6.9	14.4	21.4	28.3	34.9	41.4	48.1	54.9	61.7	68.2
-85°	0.0	4.6	9.6	14.3	18.9	23.3	27.7	32.1	36.6	40.9	45.2
-87.5°	0.0	2.3	4.8	7.2	9.4	11.7	13.8	16.1	18.3	20.5	22.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559138 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	21.4	22.3	23.0	23.5	24.4	25.2	25.9	26.5	27.0	27.4	27.6
85°	42.9	44.6	49.9	54.9	60.2	65.0	69.2	73.0	76.0	78.4	80.4
82.5°	83.7	92.7	101.1	109.1	116.4	122.9	129.1	136.3	142.1	146.9	150.9
80°	128.4	140.6	155.5	169.4	181.9	193.4	203.8	213.3	220.6	228.0	235.2
77.5°	180.5	200.3	218.7	235.7	252.1	271.2	288.9	305.1	317.7	327.1	334.4
75°	236.5	259.9	286.8	313.4	338.3	361.3	383.6	410.8	433.0	449.6	462.9
72.5°	296.3	330.0	362.8	394.6	431.3	466.9	501.5	534.9	564.3	585.9	603.3
70°	360.8	400.0	445.3	491.2	535.3	580.0	627.7	671.2	707.1	732.5	756.7
67.5°	426.8	481.8	535.4	590.6	653.1	710.0	762.1	817.1	865.5	897.4	925.2
65°	502.9	564.4	636.0	709.2	777.8	848.9	914.7	974.3	1035.4	1079.8	1116.3
62.5°	576.4	662.9	747.4	833.0	919.2	996.6	1082.5	1159.2	1220.6	1284.2	1338.6
60°	663.6	766.3	870.0	973.2	1069.8	1178.3	1272.5	1361.6	1443.8	1514.6	1581.6
57.5°	750.6	883.3	1005.9	1127.1	1254.7	1370.8	1481.6	1581.4	1679.6	1761.7	1842.0
55°	842.1	1013.0	1154.5	1304.1	1444.5	1575.7	1700.2	1825.2	1929.9	2042.9	2141.2
52.5°	943.7	1138.9	1321.7	1486.5	1644.7	1796.1	1945.0	2095.5	2242.4	2359.6	2470.7
50°	1038.7	1271.3	1491.3	1679.3	1861.2	2040.8	2227.0	2415.1	2577.1	2711.0	2826.7
47.5°	1143.2	1394.4	1673.8	1881.8	2100.0	2322.7	2548.6	2756.4	2932.9	3115.1	3242.8
45°	1245.1	1518.9	1822.1	2110.6	2363.2	2632.9	2881.7	3110.9	3366.7	3565.6	3736.3
42.5°	1338.1	1636.9	1974.3	2341.5	2657.4	2946.8	3216.1	3538.5	3832.3	4065.0	4278.0
40°	1433.8	1744.2	2112.7	2556.0	2950.8	3259.7	3587.5	3943.8	4326.2	4612.5	4867.0
37.5°	1521.3	1854.0	2239.3	2719.8	3239.6	3579.2	3941.7	4328.3	4764.3	5194.8	5500.8
35°	1598.7	1946.9	2365.0	2853.0	3385.1	3888.9	4272.3	4683.9	5161.1	5719.9	6137.7
32.5°	1668.9	2022.8	2464.7	2956.8	3496.7	4087.3	4573.8	4996.4	5475.2	6051.7	6761.3
30°	1726.1	2096.3	2539.0	3031.9	3573.3	4161.6	4779.3	5239.8	5694.2	6260.0	6920.4
27.5°	1769.5	2150.2	2590.1	3078.8	3614.3	4196.1	4790.2	5358.3	5798.2	6330.6	6931.2
25°	1802.8	2194.4	2617.2	3096.2	3620.4	4180.9	4752.7	5290.3	5784.0	6253.4	6792.4
22.5°	1830.4	2224.9	2646.9	3084.5	3593.1	4127.1	4664.8	5177.4	5655.3	6094.7	6558.4
20°	1851.1	2244.4	2661.9	3095.9	3547.2	4039.6	4553.9	5041.8	5503.4	5928.9	6306.2
17.5°	1860.4	2250.1	2661.9	3093.8	3539.5	3970.2	4418.0	4886.9	5340.7	5763.5	6136.3
15°	1858.8	2242.6	2647.3	3077.3	3516.3	3943.0	4355.5	4742.4	5164.9	5592.3	5963.7
12.5°	1846.5	2222.3	2618.5	3046.5	3478.6	3900.2	4305.3	4693.7	5072.6	5430.5	5785.6
10°	1824.0	2189.9	2576.1	3001.5	3426.5	3841.8	4241.7	4631.4	5006.4	5357.8	5688.4
7.5°	1801.0	2153.6	2525.2	2942.7	3360.0	3768.0	4164.3	4554.7	4922.4	5273.1	5607.0
5°	1770.7	2115.1	2486.3	2886.3	3288.5	3686.6	4074.4	4462.9	4820.8	5174.7	5509.9
2.5°	1732.1	2067.3	2437.4	2817.9	3208.6	3602.5	3977.2	4358.4	4725.4	5065.5	5395.8
0°	1686.0	2010.7	2378.3	2736.9	3115.1	3504.1	3864.5	4237.3	4619.1	4940.3	5263.2
-2.5°	1635.8	1942.9	2292.1	2648.9	3014.4	3395.9	3765.4	4118.9	4492.3	4816.9	5146.7
-5°	1579.5	1868.1	2196.9	2549.7	2902.0	3273.8	3650.2	3986.3	4343.1	4664.1	4988.4
-7.5°	1517.9	1787.3	2093.9	2438.2	2773.8	3124.6	3481.0	3804.4	4151.2	4468.7	4784.6
-10°	1453.0	1707.6	1993.8	2312.3	2628.7	2955.5	3290.4	3607.1	3940.5	4256.7	4560.7
-12.5°	1390.7	1629.1	1890.7	2180.2	2475.5	2777.5	3088.9	3394.6	3710.9	4028.6	4312.9
-15°	1325.5	1546.5	1784.1	2043.6	2315.5	2591.9	2877.9	3167.2	3464.1	3774.9	4037.5
-17.5°	1258.1	1460.7	1675.3	1904.0	2149.9	2400.2	2663.2	2942.4	3214.1	3497.2	3751.2
-20°	1189.0	1372.3	1565.7	1762.7	1981.2	2221.2	2467.2	2717.8	2964.6	3211.2	3449.6



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 CATALOG NUMBER: GFLD-SA6B-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°	1119.0	1282.1	1458.0	1631.4	1839.3	2055.9	2271.8	2489.3	2710.8	2923.0	3148.6
-25°	1051.4	1198.4	1353.8	1522.3	1700.7	1891.7	2077.2	2261.0	2457.4	2656.4	2850.6
-27.5°	986.2	1115.9	1262.6	1412.9	1561.5	1731.5	1893.8	2049.7	2221.1	2396.6	2553.5
-30°	920.9	1044.0	1172.5	1305.9	1436.7	1578.6	1718.9	1855.6	1995.2	2145.6	2281.5
-32.5°	860.3	972.7	1089.6	1206.6	1317.6	1427.6	1557.3	1678.7	1793.0	1900.1	2018.7
-35°	805.0	908.0	1009.6	1110.4	1201.9	1298.7	1407.1	1509.4	1601.1	1687.1	1777.8
-37.5°	752.7	844.5	930.1	1020.2	1101.5	1184.4	1264.1	1352.7	1427.0	1495.7	1570.1
-40°	700.4	782.4	859.5	934.7	1009.2	1078.5	1146.6	1206.8	1266.6	1332.7	1383.8
-42.5°	648.8	725.0	793.9	851.7	921.9	981.6	1034.5	1084.4	1133.3	1184.9	1225.8
-45°	603.3	668.2	731.1	786.4	839.1	889.9	934.8	974.0	1020.3	1056.1	1087.0
-47.5°	557.3	613.6	671.1	722.2	766.2	807.5	840.9	880.2	918.2	948.9	966.9
-50°	512.2	563.6	612.3	659.8	699.8	733.0	761.8	794.1	825.7	851.7	868.9
-52.5°	470.5	513.4	558.6	599.1	635.9	665.6	693.1	721.3	744.4	762.2	784.8
-55°	429.4	468.9	506.6	543.0	574.4	601.7	628.6	653.6	673.4	688.9	707.5
-57.5°	390.8	426.5	459.3	489.8	518.0	541.4	567.6	589.0	607.5	621.9	641.2
-60°	353.1	385.0	414.9	441.5	464.7	487.7	509.1	528.7	544.8	559.2	576.8
-62.5°	315.6	344.5	371.4	395.9	416.9	436.0	455.3	472.0	485.4	500.3	514.9
-65°	280.6	304.9	328.5	350.8	370.7	388.9	404.7	418.3	430.9	444.1	455.8
-67.5°	245.7	268.3	288.1	305.8	324.2	341.8	356.5	369.0	379.6	390.3	400.2
-70°	214.3	232.4	250.4	266.4	280.4	295.1	309.4	321.1	330.5	339.0	347.0
-72.5°	183.5	199.5	214.4	228.2	240.9	252.7	263.9	274.6	283.4	290.0	295.8
-75°	154.3	166.7	179.6	191.7	202.0	211.2	219.8	228.3	235.4	241.1	245.7
-77.5°	126.3	136.8	146.6	155.9	163.3	170.6	177.3	183.5	189.0	193.3	196.4
-80°	99.2	106.8	114.8	122.3	128.1	133.0	137.2	140.9	145.0	149.1	152.7
-82.5°	73.8	79.3	84.6	89.8	93.8	97.1	100.1	102.9	105.8	108.5	110.9
-85°	48.6	51.7	55.0	58.1	61.2	63.9	66.2	68.1	69.7	71.1	72.2
-87.5°	24.3	25.9	27.3	28.7	30.2	31.6	32.9	34.1	34.9	35.5	36.1
-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: P559138 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	27.8	27.8	27.8	27.7	27.5	26.4	25.1	23.8	22.4	23.1	23.7
85°	81.8	82.1	81.8	81.0	79.7	79.6	79.4	78.9	78.1	79.3	80.3
82.5°	153.9	155.1	155.2	154.5	152.9	153.6	153.9	153.6	152.7	153.8	154.5
80°	240.6	242.9	243.0	241.4	238.1	238.5	238.8	238.1	236.5	236.9	236.8
77.5°	342.7	348.0	349.9	349.1	345.8	344.8	342.5	337.8	331.0	330.9	331.0
75°	473.0	478.4	481.2	481.0	477.9	475.8	472.8	467.5	459.8	459.5	459.6
72.5°	616.8	624.7	628.3	631.5	631.5	630.3	626.5	618.4	606.6	605.2	606.6
70°	775.6	789.0	797.4	804.0	809.1	810.2	807.7	801.2	790.9	788.1	787.3
67.5°	952.5	973.8	990.0	1000.8	1010.9	1018.2	1021.0	1018.1	1009.7	1006.9	1008.0
65°	1150.6	1183.6	1210.8	1231.2	1244.9	1254.6	1263.0	1268.1	1269.3	1272.3	1276.2
62.5°	1382.2	1422.7	1460.6	1486.4	1499.7	1509.0	1536.2	1551.9	1556.4	1557.4	1563.3
60°	1640.8	1692.0	1739.2	1777.2	1807.8	1831.0	1854.2	1869.4	1875.2	1876.3	1884.6
57.5°	1923.6	1987.8	2043.2	2101.9	2142.9	2166.6	2197.5	2229.4	2246.0	2250.8	2270.4
55°	2236.4	2324.1	2395.8	2458.6	2515.9	2566.2	2608.7	2641.6	2665.9	2680.5	2706.4
52.5°	2582.3	2685.3	2760.3	2834.1	2916.2	2974.0	3011.8	3072.6	3116.6	3140.8	3171.7
50°	2962.1	3076.9	3179.1	3256.4	3351.9	3430.9	3488.5	3546.0	3586.3	3609.3	3639.3
47.5°	3394.4	3535.8	3654.4	3726.1	3836.9	3930.0	3967.5	4010.9	4086.8	4123.2	4155.3
45°	3881.2	4061.6	4193.3	4305.5	4400.8	4505.1	4573.5	4622.9	4697.6	4735.1	4758.8
42.5°	4460.4	4661.0	4834.6	4969.4	5049.4	5184.8	5283.6	5311.4	5417.2	5489.0	5510.1
40°	5110.0	5332.4	5561.3	5714.9	5843.8	5981.3	6144.3	6235.0	6324.5	6394.9	6410.8
37.5°	5786.9	6084.6	6345.9	6544.2	6757.3	6960.1	7132.8	7227.0	7285.7	7420.3	7470.6
35°	6475.0	6782.3	7148.3	7456.4	7714.7	7965.1	8162.1	8317.3	8465.0	8586.2	8658.8
32.5°	7061.0	7391.7	7843.6	8304.9	8583.7	8854.9	9178.6	9356.0	9553.2	9712.9	9829.5
30°	7542.6	7857.0	8268.4	8847.2	9229.0	9503.9	9913.5	10158.9	10373.6	10644.2	10738.4
27.5°	7565.4	8056.7	8420.6	8919.0	9492.1	9771.1	10074.2	10520.3	10655.6	11041.6	11097.2
25°	7366.8	7882.7	8256.6	8672.7	9149.1	9488.6	9765.4	10136.3	10330.5	10578.8	10769.4
22.5°	7056.2	7510.9	7892.3	8245.2	8616.9	8926.0	9179.0	9439.7	9652.9	9845.5	10024.4
20°	6713.2	7144.8	7506.5	7809.9	8104.5	8391.0	8618.7	8837.6	9022.0	9187.3	9289.2
17.5°	6471.6	6782.1	7151.7	7462.5	7718.0	7942.9	8178.3	8361.6	8523.3	8672.1	8765.2
15°	6306.7	6601.9	6865.1	7150.3	7419.5	7633.9	7811.1	8000.3	8140.1	8268.1	8369.0
12.5°	6135.5	6439.7	6715.1	6952.7	7163.4	7397.5	7587.0	7735.8	7882.4	7983.0	8086.5
10°	5992.5	6277.2	6562.8	6813.6	7035.4	7228.3	7407.7	7574.5	7706.1	7818.9	7900.5
7.5°	5909.5	6188.7	6445.3	6686.0	6902.2	7107.8	7292.8	7445.7	7576.1	7692.9	7778.3
5°	5813.3	6089.6	6345.8	6591.8	6799.4	6996.9	7181.2	7338.6	7473.6	7577.6	7659.4
2.5°	5702.9	5975.5	6231.1	6481.2	6688.7	6879.2	7053.6	7207.1	7347.7	7446.8	7516.5
0°	5577.2	5850.2	6100.0	6335.5	6544.2	6749.4	6910.0	7065.2	7202.6	7300.7	7370.3
-2.5°	5450.4	5721.8	5980.3	6205.9	6413.1	6602.6	6773.5	6920.1	7051.3	7149.0	7210.1
-5°	5281.9	5551.5	5806.7	6034.1	6250.5	6440.7	6606.9	6755.9	6882.4	6988.9	7071.7
-7.5°	5077.9	5350.5	5605.4	5837.6	6053.0	6232.7	6392.3	6542.5	6677.4	6793.8	6895.6
-10°	4853.5	5123.1	5364.0	5581.4	5782.1	5964.8	6134.6	6283.0	6406.6	6520.6	6606.4
-12.5°	4592.2	4841.9	5077.4	5291.7	5487.9	5670.9	5832.4	5973.7	6098.1	6199.2	6276.5
-15°	4303.8	4540.8	4764.0	4983.0	5188.4	5368.6	5510.6	5659.6	5767.5	5865.5	5935.2
-17.5°	3995.3	4224.5	4459.2	4678.8	4868.4	5046.1	5202.4	5338.6	5451.8	5541.7	5620.3
-20°	3682.6	3916.0	4141.9	4351.2	4533.6	4698.3	4856.6	4987.4	5103.4	5201.2	5293.3



REPORT NUMBER: P559138 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3368.6	3582.7	3794.7	3999.5	4172.0	4327.8	4466.2	4591.4	4693.8	4809.1	4890.4
-25°	3046.0	3233.6	3425.1	3605.9	3769.1	3922.2	4047.7	4157.4	4264.2	4375.5	4454.8
-27.5°	2721.9	2887.8	3043.3	3203.3	3346.2	3478.8	3595.4	3691.4	3795.0	3869.3	3956.5
-30°	2401.3	2551.8	2681.5	2792.9	2927.2	3041.0	3131.7	3227.1	3312.7	3383.7	3457.2
-32.5°	2129.9	2232.8	2336.4	2429.5	2518.8	2612.4	2685.5	2768.7	2827.4	2888.6	2947.9
-35°	1869.0	1948.3	2017.1	2104.2	2171.1	2222.0	2283.0	2344.1	2367.5	2434.0	2469.5
-37.5°	1632.8	1684.8	1749.0	1809.7	1859.4	1897.4	1951.7	1983.7	2000.6	2043.6	2066.6
-40°	1430.6	1463.5	1523.3	1564.8	1594.7	1622.4	1667.4	1688.2	1711.2	1732.6	1733.2
-42.5°	1252.7	1295.0	1335.6	1368.2	1387.1	1418.6	1439.8	1442.1	1471.9	1490.9	1493.8
-45°	1107.3	1150.2	1182.4	1206.3	1225.1	1252.3	1265.9	1273.6	1297.8	1310.8	1316.4
-47.5°	995.5	1025.5	1053.3	1071.8	1096.5	1116.6	1126.7	1139.5	1158.1	1169.9	1178.4
-50°	897.2	921.0	942.2	959.0	983.7	1001.6	1011.2	1026.9	1040.8	1049.4	1056.1
-52.5°	810.8	832.0	846.7	863.1	883.6	899.4	911.7	927.2	938.8	946.3	952.2
-55°	729.9	749.9	764.3	782.1	796.7	807.4	817.8	833.0	844.3	852.0	857.0
-57.5°	658.5	673.5	687.6	703.8	717.8	729.3	738.6	747.0	754.5	760.8	765.7
-60°	591.7	603.9	616.8	629.5	640.0	648.3	658.3	665.9	670.8	673.8	677.8
-62.5°	527.4	538.4	549.8	560.1	568.4	575.4	583.5	589.8	594.3	597.4	599.8
-65°	466.3	475.8	485.5	494.0	501.2	507.2	512.9	517.4	520.5	523.2	525.2
-67.5°	409.2	416.6	423.4	429.3	434.8	439.9	444.9	448.2	450.1	452.2	454.4
-70°	354.0	359.9	364.5	368.0	371.2	375.3	380.1	383.4	385.3	387.4	389.4
-72.5°	300.7	305.0	308.7	311.6	313.4	316.0	319.4	322.1	324.1	325.7	326.5
-75°	249.3	252.8	256.1	258.4	259.7	261.6	263.3	264.2	264.4	265.1	265.5
-77.5°	199.1	202.6	205.7	207.8	209.1	210.7	211.9	212.6	212.7	212.8	212.3
-80°	155.4	157.8	159.8	161.3	162.4	163.4	164.0	164.2	163.8	164.2	164.3
-82.5°	112.9	115.0	116.8	118.1	119.0	120.1	121.0	121.6	122.0	122.1	122.0
-85°	73.1	74.1	75.0	75.8	76.6	77.1	77.4	77.4	77.3	77.3	77.2
-87.5°	36.5	36.1	35.6	34.8	34.0	34.2	34.4	34.5	34.5	34.9	35.2
-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: P559138 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	24.3	24.9	23.2	21.4	23.2	24.9	24.3	23.7	23.1	22.4	23.8
85°	81.1	81.7	80.2	78.5	80.2	81.7	81.1	80.3	79.3	78.1	78.9
82.5°	154.7	154.4	153.3	151.7	153.3	154.4	154.7	154.5	153.8	152.7	153.6
80°	235.9	234.4	233.4	231.9	233.4	234.4	235.9	236.8	236.9	236.5	238.1
77.5°	330.2	328.5	331.3	333.6	331.3	328.5	330.2	331.0	330.9	331.0	337.8
75°	457.8	454.2	450.8	446.0	450.8	454.2	457.8	459.6	459.5	459.8	467.5
72.5°	606.0	603.2	600.5	595.9	600.5	603.2	606.0	606.6	605.2	606.6	618.4
70°	782.6	774.3	775.7	776.1	775.7	774.3	782.6	787.3	788.1	790.9	801.2
67.5°	1004.8	997.3	998.2	997.3	998.2	997.3	1004.8	1008.0	1006.9	1009.7	1018.1
65°	1273.8	1265.3	1255.1	1240.0	1255.1	1265.3	1273.8	1276.2	1272.3	1269.3	1268.1
62.5°	1562.6	1555.1	1559.4	1562.9	1559.4	1555.1	1562.6	1563.3	1557.4	1556.4	1551.9
60°	1883.3	1872.8	1867.6	1859.1	1867.6	1872.8	1883.3	1884.6	1876.3	1875.2	1869.4
57.5°	2279.4	2277.4	2272.8	2260.5	2272.8	2277.4	2279.4	2270.4	2250.8	2246.0	2229.4
55°	2718.6	2716.1	2726.3	2738.7	2726.3	2716.1	2718.6	2706.4	2680.5	2665.9	2641.6
52.5°	3194.6	3202.6	3199.7	3182.9	3199.7	3202.6	3194.6	3171.7	3140.8	3116.6	3072.6
50°	3665.7	3674.7	3684.3	3693.2	3684.3	3674.7	3665.7	3639.3	3609.3	3586.3	3546.0
47.5°	4199.6	4223.3	4227.5	4210.6	4227.5	4223.3	4199.6	4155.3	4123.2	4086.8	4010.9
45°	4806.2	4820.5	4827.8	4842.2	4827.8	4820.5	4806.2	4758.8	4735.1	4697.6	4622.9
42.5°	5571.0	5587.5	5590.1	5605.8	5590.1	5587.5	5571.0	5510.1	5489.0	5417.2	5311.4
40°	6478.7	6505.6	6501.0	6494.3	6501.0	6505.6	6478.7	6410.8	6394.9	6324.5	6235.0
37.5°	7541.4	7587.0	7591.8	7620.1	7591.8	7587.0	7541.4	7470.6	7420.3	7285.7	7227.0
35°	8733.9	8787.7	8778.4	8792.3	8778.4	8787.7	8733.9	8658.8	8586.2	8465.0	8317.3
32.5°	9936.9	10017.7	10033.9	10101.8	10033.9	10017.7	9936.9	9829.5	9712.9	9553.2	9356.0
30°	10882.1	10995.2	11069.0	11063.5	11069.0	10995.2	10882.1	10738.4	10644.2	10373.6	10158.9
27.5°	11273.6	11420.1	11557.3	11598.7	11557.3	11420.1	11273.6	11097.2	11041.6	10655.6	10520.3
25°	10891.6	10998.6	11119.8	11184.8	11119.8	10998.6	10891.6	10769.4	10578.8	10330.5	10136.3
22.5°	10106.7	10176.4	10217.7	10183.9	10217.7	10176.4	10106.7	10024.4	9845.5	9652.9	9439.7
20°	9394.5	9482.5	9498.9	9534.5	9498.9	9482.5	9394.5	9289.2	9187.3	9022.0	8837.6
17.5°	8864.3	8922.1	8955.9	8963.5	8955.9	8922.1	8864.3	8765.2	8672.1	8523.3	8361.6
15°	8448.9	8495.1	8525.5	8538.9	8525.5	8495.1	8448.9	8369.0	8268.1	8140.1	8000.3
12.5°	8154.4	8210.8	8238.4	8255.2	8238.4	8210.8	8154.4	8086.5	7983.0	7882.4	7735.8
10°	7965.6	8020.0	8042.0	8050.1	8042.0	8020.0	7965.6	7900.5	7818.9	7706.1	7574.5
7.5°	7830.0	7865.0	7879.8	7891.3	7879.8	7865.0	7830.0	7778.3	7692.9	7576.1	7445.7
5°	7720.7	7748.5	7764.1	7780.7	7764.1	7748.5	7720.7	7659.4	7577.6	7473.6	7338.6
2.5°	7571.8	7611.5	7639.1	7655.8	7639.1	7611.5	7571.8	7516.5	7446.8	7347.7	7207.1
0°	7425.6	7463.1	7482.7	7514.8	7482.7	7463.1	7425.6	7370.3	7300.7	7202.6	7065.2
-2.5°	7264.8	7308.2	7359.8	7409.6	7359.8	7308.2	7264.8	7210.1	7149.0	7051.3	6920.1
-5°	7141.9	7199.2	7210.0	7241.8	7210.0	7199.2	7141.9	7071.7	6988.9	6882.4	6755.9
-7.5°	6956.4	6982.5	7026.9	7034.9	7026.9	6982.5	6956.4	6895.6	6793.8	6677.4	6542.5
-10°	6670.5	6713.1	6740.7	6769.0	6740.7	6713.1	6670.5	6606.4	6520.6	6406.6	6283.0
-12.5°	6334.6	6384.6	6429.2	6422.9	6429.2	6384.6	6334.6	6276.5	6199.2	6098.1	5973.7
-15°	6007.4	6055.7	6086.3	6082.1	6086.3	6055.7	6007.4	5935.2	5865.5	5767.5	5659.6
-17.5°	5682.7	5726.7	5771.0	5769.9	5771.0	5726.7	5682.7	5620.3	5541.7	5451.8	5338.6
-20°	5347.3	5385.0	5432.5	5452.3	5432.5	5385.0	5347.3	5293.3	5201.2	5103.4	4987.4



REPORT NUMBER: P559138 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	4959.4	5007.7	5042.1	5063.4	5042.1	5007.7	4959.4	4890.4	4809.1	4693.8	4591.4
-25°	4507.4	4556.9	4583.1	4592.4	4583.1	4556.9	4507.4	4454.8	4375.5	4264.2	4157.4
-27.5°	4007.9	4063.5	4090.5	4076.8	4090.5	4063.5	4007.9	3956.5	3869.3	3795.0	3691.4
-30°	3495.8	3531.4	3535.6	3566.5	3535.6	3531.4	3495.8	3457.2	3383.7	3312.7	3227.1
-32.5°	2990.5	3014.4	3000.9	3002.7	3000.9	3014.4	2990.5	2947.9	2888.6	2827.4	2768.7
-35°	2491.5	2510.6	2514.4	2549.5	2514.4	2510.6	2491.5	2469.5	2434.0	2367.5	2344.1
-37.5°	2090.5	2098.1	2086.4	2069.6	2086.4	2098.1	2090.5	2066.6	2043.6	2000.6	1983.7
-40°	1750.2	1756.1	1751.8	1743.1	1751.8	1756.1	1750.2	1733.2	1732.6	1711.2	1688.2
-42.5°	1505.5	1505.5	1501.6	1500.5	1501.6	1505.5	1505.5	1493.8	1490.9	1471.9	1442.1
-45°	1324.7	1326.6	1326.3	1325.6	1326.3	1326.6	1324.7	1316.4	1310.8	1297.8	1273.6
-47.5°	1184.4	1184.8	1182.9	1179.3	1182.9	1184.8	1184.4	1178.4	1169.9	1158.1	1139.5
-50°	1060.2	1060.2	1062.6	1066.9	1062.6	1060.2	1060.2	1056.1	1049.4	1040.8	1026.9
-52.5°	955.3	955.1	956.4	958.1	956.4	955.1	955.3	952.2	946.3	938.8	927.2
-55°	859.3	858.8	857.5	854.6	857.5	858.8	859.3	857.0	852.0	844.3	833.0
-57.5°	767.5	766.5	764.2	760.0	764.2	766.5	767.5	765.7	760.8	754.5	747.0
-60°	680.0	680.4	679.3	676.2	679.3	680.4	680.0	677.8	673.8	670.8	665.9
-62.5°	600.3	599.1	598.9	597.7	598.9	599.1	600.3	599.8	597.4	594.3	589.8
-65°	525.6	524.4	524.8	524.5	524.8	524.4	525.6	525.2	523.2	520.5	517.4
-67.5°	455.3	454.9	455.3	455.0	455.3	454.9	455.3	454.4	452.2	450.1	448.2
-70°	390.5	390.7	388.7	385.4	388.7	390.7	390.5	389.4	387.4	385.3	383.4
-72.5°	326.3	325.1	325.2	324.7	325.2	325.1	326.3	326.5	325.7	324.1	322.1
-75°	265.4	264.7	266.3	267.6	266.3	264.7	265.4	265.5	265.1	264.4	264.2
-77.5°	211.3	209.7	211.1	212.3	211.1	209.7	211.3	212.3	212.8	212.7	212.6
-80°	164.0	163.5	163.1	162.4	163.1	163.5	164.0	164.3	164.2	163.8	164.2
-82.5°	121.5	120.8	120.3	119.5	120.3	120.8	121.5	122.0	122.1	122.0	121.6
-85°	76.9	76.4	77.5	78.5	77.5	76.4	76.9	77.2	77.3	77.3	77.4
-87.5°	35.4	35.6	34.8	33.9	34.8	35.6	35.4	35.2	34.9	34.5	34.5
-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: P559138 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	25.1	26.4	27.5	27.7	27.8	27.8	27.8	27.6	27.4	27.0	26.5
85°	79.4	79.6	79.7	81.0	81.8	82.1	81.8	80.4	78.4	76.0	73.0
82.5°	153.9	153.6	152.9	154.5	155.2	155.1	153.9	150.9	146.9	142.1	136.3
80°	238.8	238.5	238.1	241.4	243.0	242.9	240.6	235.2	228.0	220.6	213.3
77.5°	342.5	344.8	345.8	349.1	349.9	348.0	342.7	334.4	327.1	317.7	305.1
75°	472.8	475.8	477.9	481.0	481.2	478.4	473.0	462.9	449.6	433.0	410.8
72.5°	626.5	630.3	631.5	631.5	628.3	624.7	616.8	603.3	585.9	564.3	534.9
70°	807.7	810.2	809.1	804.0	797.4	789.0	775.6	756.7	732.5	707.1	671.2
67.5°	1021.0	1018.2	1010.9	1000.8	990.0	973.8	952.5	925.2	897.4	865.5	817.1
65°	1263.0	1254.6	1244.9	1231.2	1210.8	1183.6	1150.6	1116.3	1079.8	1035.4	974.3
62.5°	1536.2	1509.0	1499.7	1486.4	1460.6	1422.7	1382.2	1338.6	1284.2	1220.6	1159.2
60°	1854.2	1831.0	1807.8	1777.2	1739.2	1692.0	1640.8	1581.6	1514.6	1443.8	1361.6
57.5°	2197.5	2166.6	2142.9	2101.9	2043.2	1987.8	1923.6	1842.0	1761.7	1679.6	1581.4
55°	2608.7	2566.2	2515.9	2458.6	2395.8	2324.1	2236.4	2141.2	2042.9	1929.9	1825.2
52.5°	3011.8	2974.0	2916.2	2834.1	2760.3	2685.3	2582.3	2470.7	2359.6	2242.4	2095.5
50°	3488.5	3430.9	3351.9	3256.4	3179.1	3076.9	2962.1	2826.7	2711.0	2577.1	2415.1
47.5°	3967.5	3930.0	3836.9	3726.1	3654.4	3535.8	3394.4	3242.8	3115.1	2932.9	2756.4
45°	4573.5	4505.1	4400.8	4305.5	4193.3	4061.6	3881.2	3736.3	3565.6	3366.7	3110.9
42.5°	5283.6	5184.8	5049.4	4969.4	4834.6	4661.0	4460.4	4278.0	4065.0	3832.3	3538.5
40°	6144.3	5981.3	5843.8	5714.9	5561.3	5332.4	5110.0	4867.0	4612.5	4326.2	3943.8
37.5°	7132.8	6960.1	6757.3	6544.2	6345.9	6084.6	5786.9	5500.8	5194.8	4764.3	4328.3
35°	8162.1	7965.1	7714.7	7456.4	7148.3	6782.3	6475.0	6137.7	5719.9	5161.1	4683.9
32.5°	9178.6	8854.9	8583.7	8304.9	7843.6	7391.7	7061.0	6761.3	6051.7	5475.2	4996.4
30°	9913.5	9503.9	9229.0	8847.2	8268.4	7857.0	7542.6	6920.4	6260.0	5694.2	5239.8
27.5°	10074.2	9771.1	9492.1	8919.0	8420.6	8056.7	7565.4	6931.2	6330.6	5798.2	5358.3
25°	9765.4	9488.6	9149.1	8672.7	8256.6	7882.7	7366.8	6792.4	6253.4	5784.0	5290.3
22.5°	9179.0	8926.0	8616.9	8245.2	7892.3	7510.9	7056.2	6558.4	6094.7	5655.3	5177.4
20°	8618.7	8391.0	8104.5	7809.9	7506.5	7144.8	6713.2	6306.2	5928.9	5503.4	5041.8
17.5°	8178.3	7942.9	7718.0	7462.5	7151.7	6782.1	6471.6	6136.3	5763.5	5340.7	4886.9
15°	7811.1	7633.9	7419.5	7150.3	6865.1	6601.9	6306.7	5963.7	5592.3	5164.9	4742.4
12.5°	7587.0	7397.5	7163.4	6952.7	6715.1	6439.7	6135.5	5785.6	5430.5	5072.6	4693.7
10°	7407.7	7228.3	7035.4	6813.6	6562.8	6277.2	5992.5	5688.4	5357.8	5006.4	4631.4
7.5°	7292.8	7107.8	6902.2	6686.0	6445.3	6188.7	5909.5	5607.0	5273.1	4922.4	4554.7
5°	7181.2	6996.9	6799.4	6591.8	6345.8	6089.6	5813.3	5509.9	5174.7	4820.8	4462.9
2.5°	7053.6	6879.2	6688.7	6481.2	6231.1	5975.5	5702.9	5395.8	5065.5	4725.4	4358.4
0°	6910.0	6749.4	6544.2	6335.5	6100.0	5850.2	5577.2	5263.2	4940.3	4619.1	4237.3
-2.5°	6773.5	6602.6	6413.1	6205.9	5980.3	5721.8	5450.4	5146.7	4816.9	4492.3	4118.9
-5°	6606.9	6440.7	6250.5	6034.1	5806.7	5551.5	5281.9	4988.4	4664.1	4343.1	3986.3
-7.5°	6392.3	6232.7	6053.0	5837.6	5605.4	5350.5	5077.9	4784.6	4468.7	4151.2	3804.4
-10°	6134.6	5964.8	5782.1	5581.4	5364.0	5123.1	4853.5	4560.7	4256.7	3940.5	3607.1
-12.5°	5832.4	5670.9	5487.9	5291.7	5077.4	4841.9	4592.2	4312.9	4028.6	3710.9	3394.6
-15°	5510.6	5368.6	5188.4	4983.0	4764.0	4540.8	4303.8	4037.5	3774.9	3464.1	3167.2
-17.5°	5202.4	5046.1	4868.4	4678.8	4459.2	4224.5	3995.3	3751.2	3497.2	3214.1	2942.4
-20°	4856.6	4698.3	4533.6	4351.2	4141.9	3916.0	3682.6	3449.6	3211.2	2964.6	2717.8



REPORT NUMBER: P559138 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	4466.2	4327.8	4172.0	3999.5	3794.7	3582.7	3368.6	3148.6	2923.0	2710.8	2489.3
-25°	4047.7	3922.2	3769.1	3605.9	3425.1	3233.6	3046.0	2850.6	2656.4	2457.4	2261.0
-27.5°	3595.4	3478.8	3346.2	3203.3	3043.3	2887.8	2721.9	2553.5	2396.6	2221.1	2049.7
-30°	3131.7	3041.0	2927.2	2792.9	2681.5	2551.8	2401.3	2281.5	2145.6	1995.2	1855.6
-32.5°	2685.5	2612.4	2518.8	2429.5	2336.4	2232.8	2129.9	2018.7	1900.1	1793.0	1678.7
-35°	2283.0	2222.0	2171.1	2104.2	2017.1	1948.3	1869.0	1777.8	1687.1	1601.1	1509.4
-37.5°	1951.7	1897.4	1859.4	1809.7	1749.0	1684.8	1632.8	1570.1	1495.7	1427.0	1352.7
-40°	1667.4	1622.4	1594.7	1564.8	1523.3	1463.5	1430.6	1383.8	1332.7	1266.6	1206.8
-42.5°	1439.8	1418.6	1387.1	1368.2	1335.6	1295.0	1252.7	1225.8	1184.9	1133.3	1084.4
-45°	1265.9	1252.3	1225.1	1206.3	1182.4	1150.2	1107.3	1087.0	1056.1	1020.3	974.0
-47.5°	1126.7	1116.6	1096.5	1071.8	1053.3	1025.5	995.5	966.9	948.9	918.2	880.2
-50°	1011.2	1001.6	983.7	959.0	942.2	921.0	897.2	868.9	851.7	825.7	794.1
-52.5°	911.7	899.4	883.6	863.1	846.7	832.0	810.8	784.8	762.2	744.4	721.3
-55°	817.8	807.4	796.7	782.1	764.3	749.9	729.9	707.5	688.9	673.4	653.6
-57.5°	738.6	729.3	717.8	703.8	687.6	673.5	658.5	641.2	621.9	607.5	589.0
-60°	658.3	648.3	640.0	629.5	616.8	603.9	591.7	576.8	559.2	544.8	528.7
-62.5°	583.5	575.4	568.4	560.1	549.8	538.4	527.4	514.9	500.3	485.4	472.0
-65°	512.9	507.2	501.2	494.0	485.5	475.8	466.3	455.8	444.1	430.9	418.3
-67.5°	444.9	439.9	434.8	429.3	423.4	416.6	409.2	400.2	390.3	379.6	369.0
-70°	380.1	375.3	371.2	368.0	364.5	359.9	354.0	347.0	339.0	330.5	321.1
-72.5°	319.4	316.0	313.4	311.6	308.7	305.0	300.7	295.8	290.0	283.4	274.6
-75°	263.3	261.6	259.7	258.4	256.1	252.8	249.3	245.7	241.1	235.4	228.3
-77.5°	211.9	210.7	209.1	207.8	205.7	202.6	199.1	196.4	193.3	189.0	183.5
-80°	164.0	163.4	162.4	161.3	159.8	157.8	155.4	152.7	149.1	145.0	140.9
-82.5°	121.0	120.1	119.0	118.1	116.8	115.0	112.9	110.9	108.5	105.8	102.9
-85°	77.4	77.1	76.6	75.8	75.0	74.1	73.1	72.2	71.1	69.7	68.1
-87.5°	34.4	34.2	34.0	34.8	35.6	36.1	36.5	36.1	35.5	34.9	34.1
-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: P559138 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	25.9	25.2	24.4	23.5	23.0	22.3	21.4	20.4	18.6	16.8	14.9
85°	69.2	65.0	60.2	54.9	49.9	44.6	42.9	40.7	37.2	33.6	29.8
82.5°	129.1	122.9	116.4	109.1	101.1	92.7	83.7	74.2	62.5	51.3	44.6
80°	203.8	193.4	181.9	169.4	155.5	140.6	128.4	115.1	98.5	82.6	67.3
77.5°	288.9	271.2	252.1	235.7	218.7	200.3	180.5	158.2	134.2	113.6	93.8
75°	383.6	361.3	338.3	313.4	286.8	259.9	236.5	209.2	176.7	145.0	119.9
72.5°	501.5	466.9	431.3	394.6	362.8	330.0	296.3	259.3	221.2	183.9	147.7
70°	627.7	580.0	535.3	491.2	445.3	400.0	360.8	315.1	265.1	222.2	180.6
67.5°	762.1	710.0	653.1	590.6	535.4	481.8	426.8	371.5	315.4	259.8	212.8
65°	914.7	848.9	777.8	709.2	636.0	564.4	502.9	429.8	364.7	303.3	244.3
62.5°	1082.5	996.6	919.2	833.0	747.4	662.9	576.4	494.1	414.5	345.7	279.3
60°	1272.5	1178.3	1069.8	973.2	870.0	766.3	663.6	556.3	469.5	387.0	315.2
57.5°	1481.6	1370.8	1254.7	1127.1	1005.9	883.3	750.6	627.3	522.4	432.0	349.7
55°	1700.2	1575.7	1444.5	1304.1	1154.5	1013.0	842.1	700.0	576.0	476.4	381.8
52.5°	1945.0	1796.1	1644.7	1486.5	1321.7	1138.9	943.7	768.5	635.9	518.9	415.9
50°	2227.0	2040.8	1861.2	1679.3	1491.3	1271.3	1038.7	850.5	692.2	561.8	448.3
47.5°	2548.6	2322.7	2100.0	1881.8	1673.8	1394.4	1143.2	928.7	744.7	607.5	478.5
45°	2881.7	2632.9	2363.2	2110.6	1822.1	1518.9	1245.1	1000.7	808.1	647.3	506.4
42.5°	3216.1	2946.8	2657.4	2341.5	1974.3	1636.9	1338.1	1081.6	866.5	683.8	535.5
40°	3587.5	3259.7	2950.8	2556.0	2112.7	1744.2	1433.8	1157.5	919.1	720.7	564.8
37.5°	3941.7	3579.2	3239.6	2719.8	2239.3	1854.0	1521.3	1225.4	967.1	760.5	591.3
35°	4272.3	3888.9	3385.1	2853.0	2365.0	1946.9	1598.7	1289.4	1018.2	795.6	615.1
32.5°	4573.8	4087.3	3496.7	2956.8	2464.7	2022.8	1668.9	1346.5	1061.9	825.9	636.2
30°	4779.3	4161.6	3573.3	3031.9	2539.0	2096.3	1726.1	1393.8	1098.3	851.4	655.7
27.5°	4790.2	4196.1	3614.3	3078.8	2590.1	2150.2	1769.5	1431.4	1127.3	875.2	676.1
25°	4752.7	4180.9	3620.4	3096.2	2617.2	2194.4	1802.8	1459.6	1154.0	898.3	692.6
22.5°	4664.8	4127.1	3593.1	3084.5	2646.9	2224.9	1830.4	1483.7	1175.6	915.7	705.5
20°	4553.9	4039.6	3547.2	3095.9	2661.9	2244.4	1851.1	1499.3	1189.5	927.5	714.9
17.5°	4418.0	3970.2	3539.5	3093.8	2661.9	2250.1	1860.4	1506.5	1196.2	934.0	720.7
15°	4355.5	3943.0	3516.3	3077.3	2647.3	2242.6	1858.8	1505.5	1195.7	935.3	724.8
12.5°	4305.3	3900.2	3478.6	3046.5	2618.5	2222.3	1846.5	1496.5	1188.6	935.3	727.8
10°	4241.7	3841.8	3426.5	3001.5	2576.1	2189.9	1824.0	1482.9	1185.0	933.8	728.0
7.5°	4164.3	3768.0	3360.0	2942.7	2525.2	2153.6	1801.0	1467.8	1177.5	928.3	725.5
5°	4074.4	3686.6	3288.5	2886.3	2486.3	2115.1	1770.7	1445.2	1165.0	919.0	720.4
2.5°	3977.2	3602.5	3208.6	2817.9	2437.4	2067.3	1732.1	1416.0	1147.6	906.3	712.9
0°	3864.5	3504.1	3115.1	2736.9	2378.3	2010.7	1686.0	1380.9	1125.8	890.3	703.0
-2.5°	3765.4	3395.9	3014.4	2648.9	2292.1	1942.9	1635.8	1345.5	1101.6	874.6	692.7
-5°	3650.2	3273.8	2902.0	2549.7	2196.9	1868.1	1579.5	1305.6	1073.4	856.1	680.3
-7.5°	3481.0	3124.6	2773.8	2438.2	2093.9	1787.3	1517.9	1261.6	1041.8	835.0	666.1
-10°	3290.4	2955.5	2628.7	2312.3	1993.8	1707.6	1453.0	1214.2	1007.1	811.6	650.1
-12.5°	3088.9	2777.5	2475.5	2180.2	1890.7	1629.1	1390.7	1167.6	970.2	786.1	632.5
-15°	2877.9	2591.9	2315.5	2043.6	1784.1	1546.5	1325.5	1120.0	933.8	760.0	613.5
-17.5°	2663.2	2400.2	2149.9	1904.0	1675.3	1460.7	1258.1	1070.0	895.4	733.8	594.6
-20°	2467.2	2221.2	1981.2	1762.7	1565.7	1372.3	1189.0	1018.0	855.3	706.3	575.3



REPORT NUMBER: P559138 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2271.8	2055.9	1839.3	1631.4	1458.0	1282.1	1119.0	964.4	813.8	677.5	554.7
-25°	2077.2	1891.7	1700.7	1522.3	1353.8	1198.4	1051.4	909.5	771.3	647.7	532.9
-27.5°	1893.8	1731.5	1561.5	1412.9	1262.6	1115.9	986.2	857.4	730.1	617.1	509.9
-30°	1718.9	1578.6	1436.7	1305.9	1172.5	1044.0	920.9	805.5	692.5	587.5	485.9
-32.5°	1557.3	1427.6	1317.6	1206.6	1089.6	972.7	860.3	753.8	654.8	558.0	463.5
-35°	1407.1	1298.7	1201.9	1110.4	1009.6	908.0	805.0	702.7	617.0	527.7	441.3
-37.5°	1264.1	1184.4	1101.5	1020.2	930.1	844.5	752.7	660.4	579.4	496.5	418.7
-40°	1146.6	1078.5	1009.2	934.7	859.5	782.4	700.4	620.4	542.8	464.7	395.8
-42.5°	1034.5	981.6	921.9	851.7	793.9	725.0	648.8	579.6	507.5	436.1	372.5
-45°	934.8	889.9	839.1	786.4	731.1	668.2	603.3	538.5	472.0	409.1	349.9
-47.5°	840.9	807.5	766.2	722.2	671.1	613.6	557.3	499.3	436.6	382.2	328.3
-50°	761.8	733.0	699.8	659.8	612.3	563.6	512.2	460.3	406.8	355.6	306.3
-52.5°	693.1	665.6	635.9	599.1	558.6	513.4	470.5	422.0	376.5	329.8	283.9
-55°	628.6	601.7	574.4	543.0	506.6	468.9	429.4	388.1	345.6	304.2	261.4
-57.5°	567.6	541.4	518.0	489.8	459.3	426.5	390.8	353.7	316.1	278.1	241.5
-60°	509.1	487.7	464.7	441.5	414.9	385.0	353.1	319.8	286.8	252.4	221.2
-62.5°	455.3	436.0	416.9	395.9	371.4	344.5	315.6	287.4	257.2	229.3	200.7
-65°	404.7	388.9	370.7	350.8	328.5	304.9	280.6	254.8	230.4	205.8	180.0
-67.5°	356.5	341.8	324.2	305.8	288.1	268.3	245.7	225.0	204.2	182.2	159.7
-70°	309.4	295.1	280.4	266.4	250.4	232.4	214.3	196.2	177.9	159.5	139.2
-72.5°	263.9	252.7	240.9	228.2	214.4	199.5	183.5	167.9	153.2	136.8	118.6
-75°	219.8	211.2	202.0	191.7	179.6	166.7	154.3	141.6	128.6	114.0	100.4
-77.5°	177.3	170.6	163.3	155.9	146.6	136.8	126.3	115.3	104.7	94.2	82.8
-80°	137.2	133.0	128.1	122.3	114.8	106.8	99.2	91.4	83.3	74.5	65.2
-82.5°	100.1	97.1	93.8	89.8	84.6	79.3	73.8	68.2	61.7	54.9	48.1
-85°	66.2	63.9	61.2	58.1	55.0	51.7	48.6	45.2	40.9	36.6	32.1
-87.5°	32.9	31.6	30.2	28.7	27.3	25.9	24.3	22.6	20.5	18.3	16.1
-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: P559138 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-WAF-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°	12.9	10.9	8.8	6.7	4.5	2.2	0.0
85°	25.9	21.8	17.6	13.4	9.0	4.4	0.0
82.5°	38.7	32.7	26.4	20.0	13.5	6.6	0.0
80°	52.7	43.5	35.2	26.6	17.9	8.8	0.0
77.5°	74.8	56.7	43.8	33.2	22.3	11.0	0.0
75°	96.6	74.3	53.4	39.7	26.7	13.1	0.0
72.5°	118.1	91.7	66.8	46.2	31.0	15.3	0.0
70°	140.0	108.8	80.1	53.2	35.3	17.4	0.0
67.5°	166.8	125.5	93.0	62.6	39.4	19.4	0.0
65°	192.8	144.0	105.7	71.9	43.5	21.5	0.0
62.5°	218.0	164.2	118.1	80.9	47.5	23.4	0.0
60°	242.2	183.7	130.0	89.6	51.4	25.4	0.0
57.5°	269.6	202.5	144.4	98.1	56.9	27.2	0.0
55°	296.2	220.4	158.4	106.3	62.3	29.1	0.0
52.5°	321.4	238.0	171.7	114.2	67.5	30.8	0.0
50°	345.1	257.3	184.4	121.8	72.5	32.6	0.0
47.5°	367.6	275.4	196.4	129.5	77.3	34.2	0.0
45°	391.3	292.3	207.7	137.9	82.0	35.8	0.0
42.5°	413.0	308.0	218.3	145.8	86.4	37.3	0.0
40°	432.9	322.4	229.0	153.4	90.6	38.7	0.0
37.5°	450.8	335.5	239.7	160.6	94.5	40.1	0.0
35°	466.7	348.6	249.5	167.3	98.3	41.4	0.0
32.5°	482.0	360.8	258.4	173.5	101.8	42.6	0.0
30°	498.5	371.6	266.2	179.3	105.0	43.7	0.0
27.5°	512.7	380.9	273.7	184.5	108.0	44.7	0.0
25°	524.7	388.7	280.3	189.3	110.7	45.6	0.0
22.5°	534.5	395.5	286.0	193.5	113.2	46.5	0.0
20°	542.1	402.3	290.8	197.3	115.4	47.3	0.0
17.5°	548.9	407.8	294.6	200.5	117.3	47.9	0.0
15°	554.4	412.2	297.6	203.2	119.0	48.5	0.0
12.5°	557.8	415.4	299.7	205.4	120.4	49.0	0.0
10°	559.2	417.4	300.9	207.1	121.5	49.4	0.0
7.5°	558.5	418.3	301.3	208.2	122.3	49.7	0.0
5°	556.1	418.0	301.0	208.9	122.9	49.9	0.0
2.5°	551.8	416.5	299.8	209.0	123.1	50.0	0.0
0°	545.9	413.9	298.0	208.7	123.1	50.0	0.0
-2.5°	539.6	410.0	296.6	207.8	122.8	50.1	0.0
-5°	531.9	405.0	294.4	206.3	122.2	50.0	0.0
-7.5°	522.8	399.1	291.6	204.4	121.4	49.9	0.0
-10°	512.3	392.2	288.2	202.1	120.3	49.7	0.0
-12.5°	500.5	384.5	284.1	199.3	118.9	49.4	0.0
-15°	487.6	376.0	279.3	196.0	117.3	49.0	0.0
-17.5°	473.5	366.8	273.9	192.3	115.5	48.4	0.0
-20°	458.9	356.9	267.9	188.3	113.4	47.8	0.0



REPORT NUMBER: P559138 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	444.2	346.4	261.3	183.8	111.1	47.1	0.0
-25°	428.7	336.0	254.2	179.0	108.6	46.3	0.0
-27.5°	412.4	325.1	246.4	173.8	105.8	45.4	0.0
-30°	395.4	313.5	238.2	168.2	102.9	44.4	0.0
-32.5°	377.7	301.3	229.6	162.4	99.7	43.4	0.0
-35°	361.2	288.4	220.6	156.2	96.4	42.2	0.0
-37.5°	344.8	275.5	211.2	149.7	92.9	40.9	0.0
-40°	327.8	263.0	201.4	142.9	89.2	39.6	0.0
-42.5°	310.3	250.2	191.6	135.8	85.4	38.2	0.0
-45°	292.3	236.9	181.9	128.6	81.4	36.7	0.0
-47.5°	273.7	223.3	171.9	121.1	77.2	35.1	0.0
-50°	256.8	209.3	161.5	114.3	72.9	33.4	0.0
-52.5°	239.8	195.0	150.8	107.7	68.5	31.7	0.0
-55°	222.6	181.2	139.8	100.9	64.0	29.9	0.0
-57.5°	205.1	167.2	128.5	93.8	59.3	28.1	0.0
-60°	187.5	152.9	117.1	86.7	54.5	26.1	0.0
-62.5°	170.2	138.4	107.4	79.3	50.5	24.2	0.0
-65°	152.7	123.6	97.5	71.8	46.3	22.1	0.0
-67.5°	134.9	109.9	87.4	64.2	42.0	20.1	0.0
-70°	117.0	97.2	77.2	56.4	37.6	17.9	0.0
-72.5°	101.5	84.5	66.8	49.4	33.1	15.8	0.0
-75°	86.2	71.6	56.4	42.5	28.5	13.6	0.0
-77.5°	70.9	58.6	46.9	35.5	23.9	11.4	0.0
-80°	55.4	46.5	37.6	28.5	19.2	9.1	0.0
-82.5°	41.4	34.9	28.3	21.4	14.4	6.9	0.0
-85°	27.7	23.3	18.9	14.3	9.6	4.6	0.0
-87.5°	13.8	11.7	9.4	7.2	4.8	2.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)