

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: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-927-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559234 (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-SA6E-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

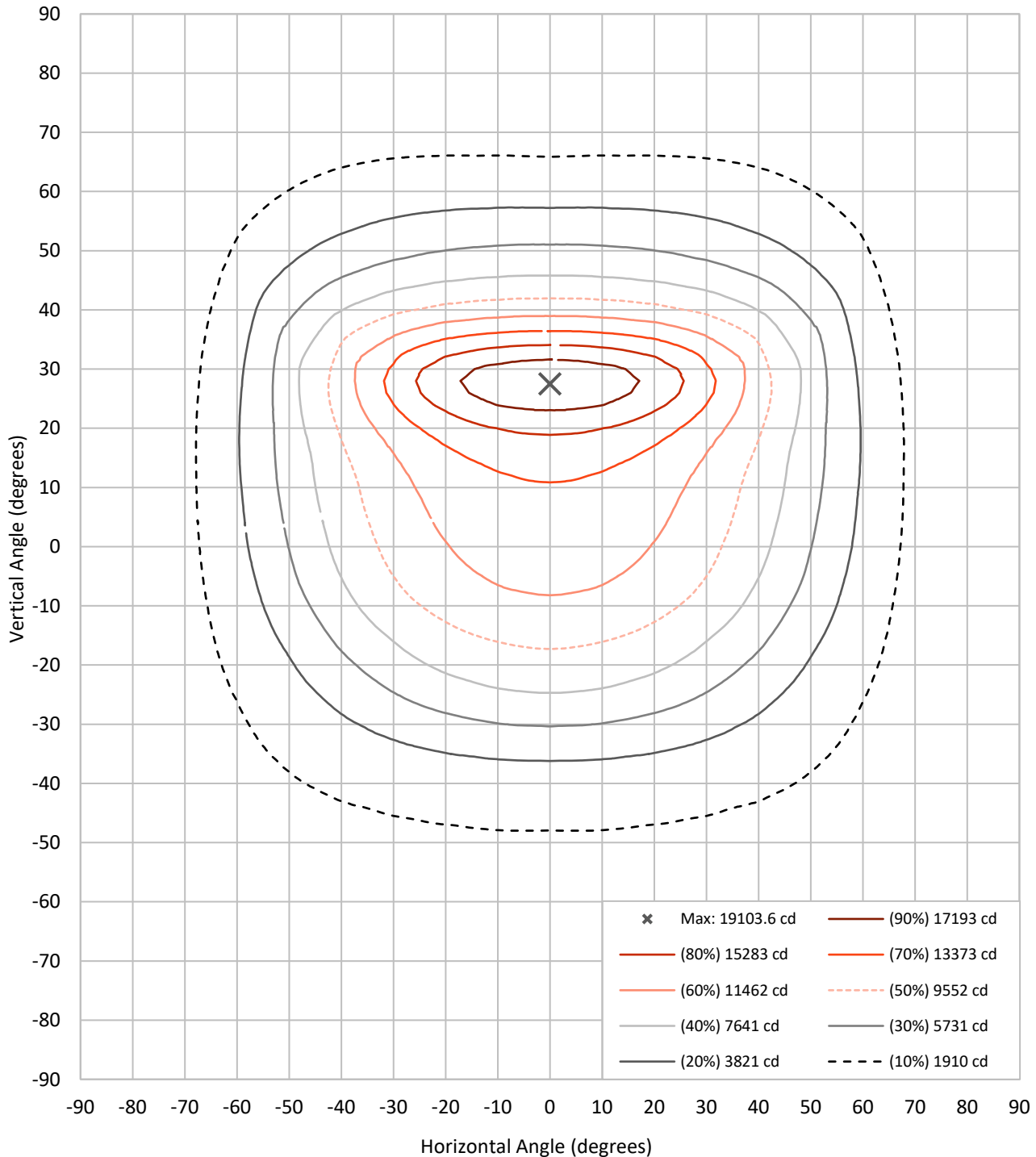
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	27849.8 lumens	Max Intensity:	19103.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	75.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	14444.2 lumens	Field Lumens:	25763.4 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%

Input Watts (W): 368
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



REPORT NUMBER: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-927-U-WAF-XX

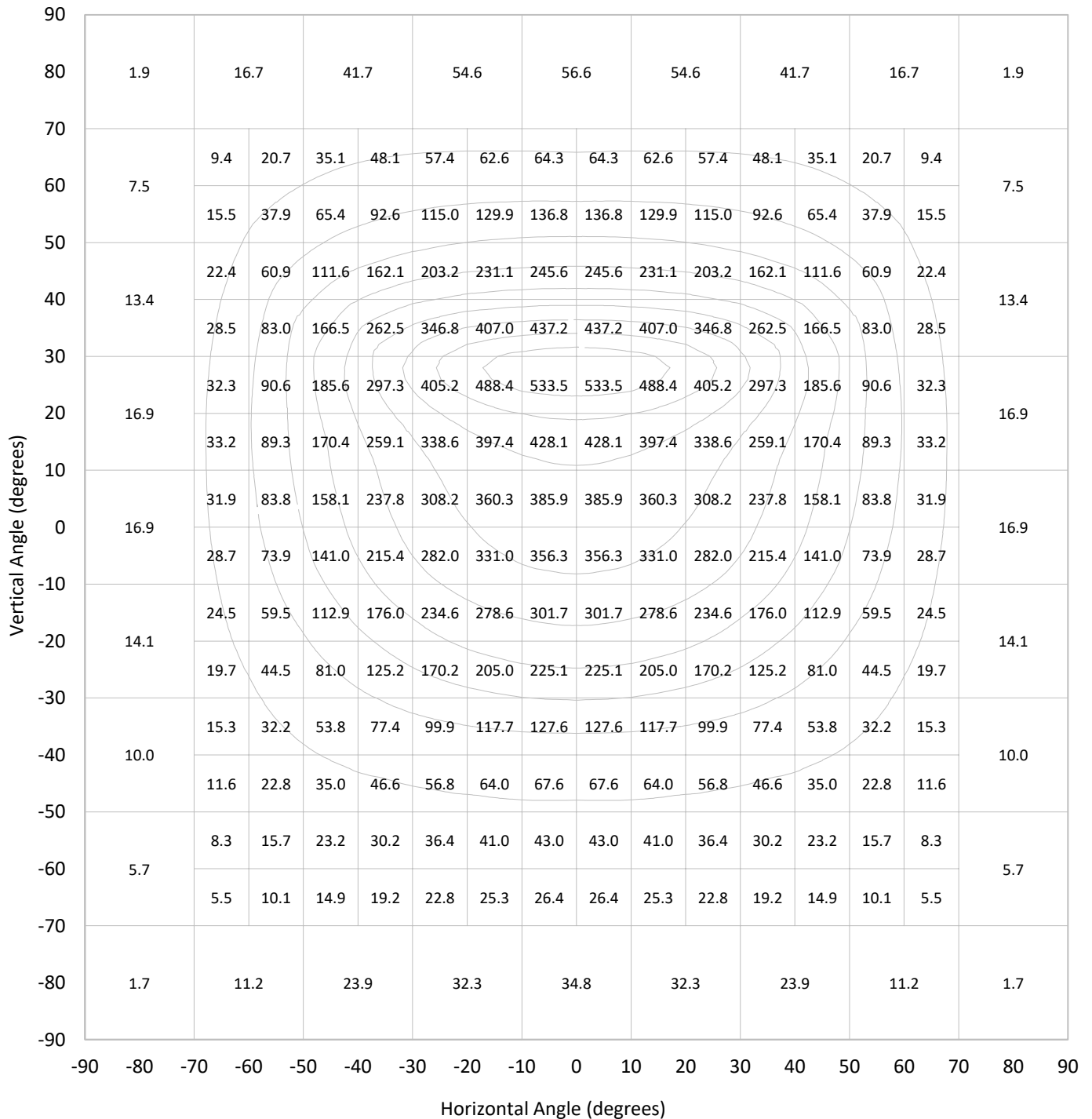
Iso-Candela Plot





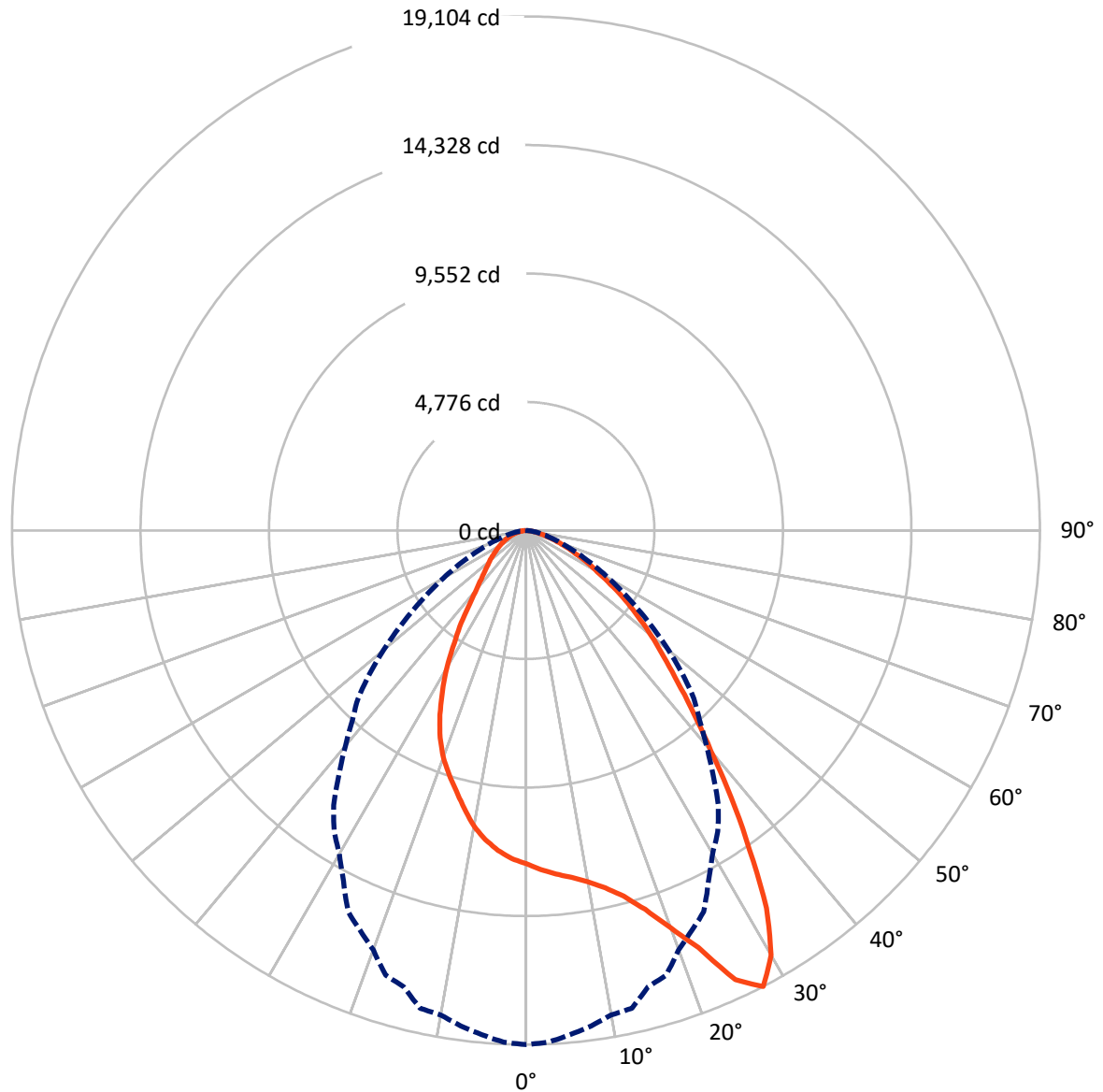
REPORT NUMBER: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-WAF-XX

Lumen Table



REPORT NUMBER: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-927-U-WAF-XX

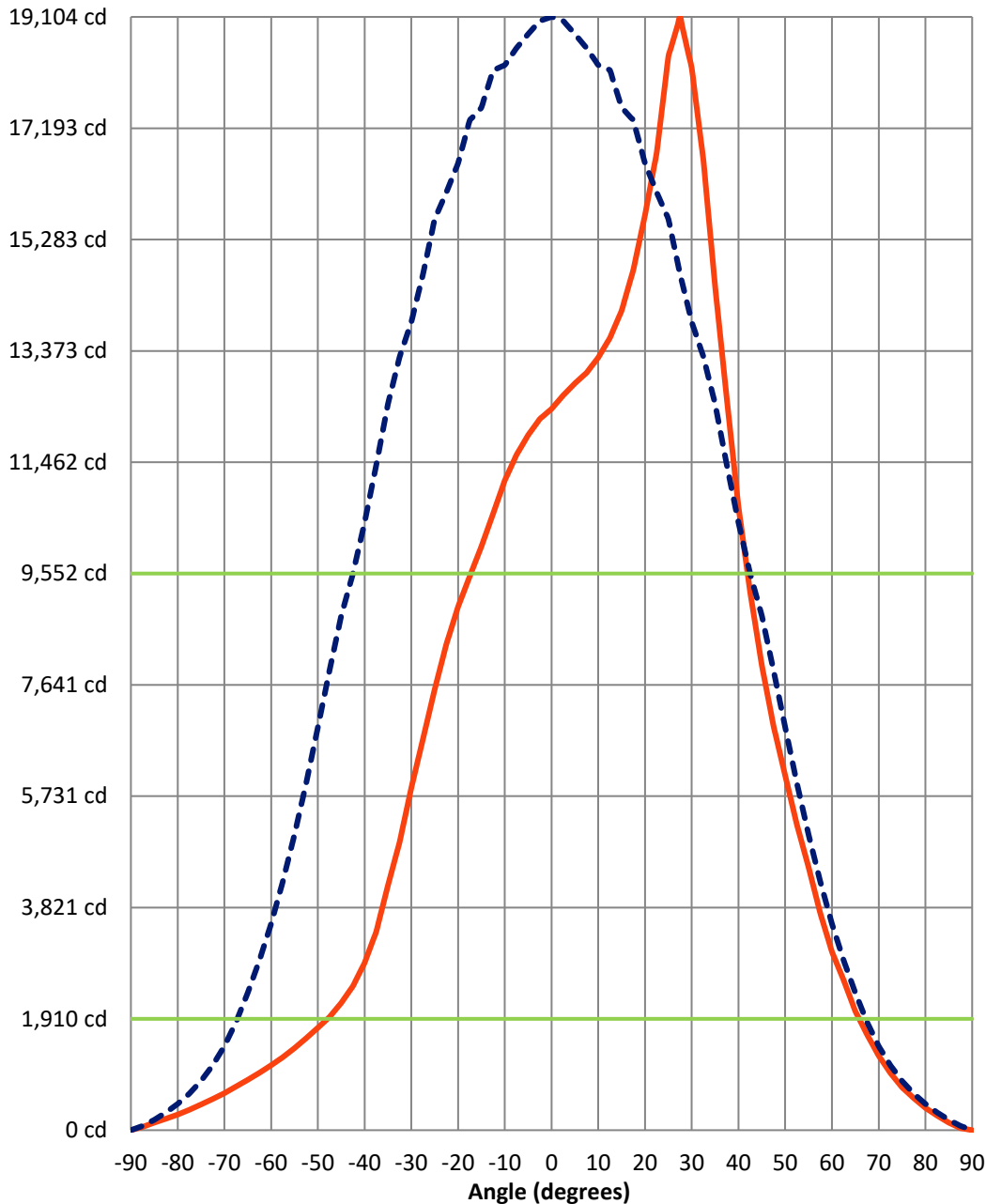
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-WAF-XX

Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 14444.2
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 25763.4
 Efficiency: 92.5%

Spill:
 Lumens: 2086.4
 Efficiency: 7.5%

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



REPORT NUMBER: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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	3.7	7.4	11.0	14.5	18.0	21.3	24.5	27.6	30.6	33.5
85°	0.0	7.3	14.8	22.0	29.1	35.9	42.6	49.0	55.2	61.2	67.0
82.5°	0.0	10.9	22.2	33.0	43.5	53.8	63.8	73.4	84.4	102.9	122.1
80°	0.0	14.5	29.5	43.9	57.9	71.6	86.7	110.8	136.0	162.3	189.5
77.5°	0.0	18.1	36.8	54.7	72.2	93.3	123.2	154.5	187.1	221.0	260.6
75°	0.0	21.7	44.0	65.5	87.9	122.4	159.1	197.5	238.9	291.1	344.5
72.5°	0.0	25.2	51.1	76.1	110.1	151.0	194.5	243.2	303.0	364.3	427.2
70°	0.0	28.6	58.1	87.6	131.9	179.1	230.6	297.4	365.9	436.5	519.1
67.5°	0.0	32.0	65.0	103.1	153.2	206.6	274.7	350.5	427.8	519.5	611.8
65°	0.0	35.3	71.7	118.3	174.1	237.2	317.5	402.3	499.5	600.7	707.9
62.5°	0.0	38.6	78.3	133.2	194.4	270.4	358.9	460.0	569.4	682.8	813.8
60°	0.0	41.8	84.7	147.6	214.1	302.5	398.8	519.2	637.5	773.2	916.2
57.5°	0.0	44.9	93.8	161.6	237.8	333.4	444.0	576.0	711.5	860.4	1033.2
55°	0.0	47.9	102.6	175.1	260.8	363.0	487.8	628.9	784.7	948.6	1153.0
52.5°	0.0	50.8	111.2	188.1	282.7	392.0	529.3	685.0	854.7	1047.4	1265.9
50°	0.0	53.6	119.5	200.6	303.6	423.7	568.4	738.4	925.3	1140.1	1400.8
47.5°	0.0	56.3	127.4	213.2	323.4	453.6	605.6	788.1	1000.6	1226.5	1529.6
45°	0.0	58.9	135.0	227.0	342.0	481.5	644.5	834.0	1066.1	1330.9	1648.2
42.5°	0.0	61.4	142.3	240.1	359.5	507.3	680.3	882.0	1126.3	1427.2	1781.5
40°	0.0	63.8	149.2	252.6	377.1	531.1	713.0	930.2	1187.0	1513.8	1906.5
37.5°	0.0	66.0	155.7	264.4	394.8	552.7	742.4	973.9	1252.6	1593.0	2018.4
35°	0.0	68.1	161.9	275.5	410.9	574.2	768.7	1013.1	1310.4	1677.1	2123.8
32.5°	0.0	70.1	167.6	285.8	425.5	594.4	793.9	1047.8	1360.4	1749.1	2217.7
30°	0.0	71.9	173.0	295.2	438.5	612.1	821.0	1080.1	1402.4	1809.0	2295.6
27.5°	0.0	73.6	177.9	303.9	450.8	627.4	844.4	1113.5	1441.5	1856.8	2357.5
25°	0.0	75.1	182.4	311.7	461.7	640.2	864.2	1140.8	1479.6	1900.7	2403.9
22.5°	0.0	76.5	186.5	318.7	471.1	651.4	880.3	1162.1	1508.3	1936.2	2443.7
20°	0.0	77.8	190.1	324.9	478.9	662.5	892.8	1177.4	1527.7	1959.2	2469.3
17.5°	0.0	78.9	193.3	330.2	485.2	671.7	904.1	1187.1	1538.4	1970.1	2481.2
15°	0.0	79.9	196.0	334.7	490.1	678.9	913.2	1193.8	1540.5	1969.4	2479.6
12.5°	0.0	80.7	198.3	338.3	493.5	684.2	918.8	1198.7	1540.5	1957.6	2464.9
10°	0.0	81.3	200.1	341.1	495.6	687.5	921.0	1199.0	1538.0	1951.7	2442.5
7.5°	0.0	81.8	201.5	343.0	496.2	688.9	920.0	1194.9	1528.9	1939.3	2417.5
5°	0.0	82.1	202.4	344.1	495.6	688.4	915.9	1186.5	1513.7	1918.7	2380.4
2.5°	0.0	82.3	202.8	344.4	493.8	686.0	908.9	1174.0	1492.7	1890.2	2332.3
0°	0.0	82.3	202.8	343.8	490.7	681.7	899.2	1157.8	1466.3	1854.2	2274.4
-2.5°	0.0	82.4	202.3	342.2	488.3	675.3	888.9	1140.8	1440.4	1814.3	2216.2
-5°	0.0	82.4	201.4	339.9	484.8	667.1	876.1	1120.4	1409.9	1768.0	2150.3
-7.5°	0.0	82.2	200.0	336.8	480.2	657.3	861.1	1097.0	1375.2	1716.0	2077.9
-10°	0.0	81.8	198.2	332.9	474.6	646.0	843.8	1070.7	1336.7	1658.8	1999.8
-12.5°	0.0	81.3	195.9	328.2	467.8	633.2	824.4	1041.7	1294.7	1597.9	1923.0
-15°	0.0	80.6	193.3	322.9	460.0	619.2	803.0	1010.5	1251.6	1538.0	1844.7
-17.5°	0.0	79.8	190.3	316.9	451.1	604.0	779.8	979.3	1208.6	1474.7	1762.4
-20°	0.0	78.7	186.8	310.2	441.3	587.8	755.8	947.6	1163.2	1408.7	1676.8



REPORT NUMBER: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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	77.6	183.0	302.8	430.4	570.6	731.7	913.7	1115.8	1340.4	1588.5
-25°	0.0	76.3	178.8	294.9	418.6	553.4	706.1	877.7	1066.8	1270.4	1498.1
-27.5°	0.0	74.8	174.3	286.3	405.9	535.4	679.3	839.9	1016.4	1202.5	1412.3
-30°	0.0	73.2	169.5	277.2	392.3	516.3	651.2	800.3	967.6	1140.6	1326.7
-32.5°	0.0	71.4	164.3	267.5	378.2	496.2	622.0	763.3	919.0	1078.4	1241.6
-35°	0.0	69.5	158.8	257.3	363.4	475.0	594.8	726.9	869.0	1016.3	1157.3
-37.5°	0.0	67.4	153.0	246.6	347.9	453.7	567.9	689.7	817.8	954.4	1087.7
-40°	0.0	65.2	147.0	235.4	331.7	433.2	539.9	651.8	765.3	894.1	1021.7
-42.5°	0.0	62.9	140.6	223.8	315.6	412.0	511.1	613.5	718.2	835.8	954.6
-45°	0.0	60.4	134.0	211.9	299.7	390.2	481.4	576.3	673.8	777.4	887.0
-47.5°	0.0	57.8	127.2	199.5	283.1	367.7	450.8	540.8	629.4	719.0	822.4
-50°	0.0	55.1	120.1	188.3	266.0	344.7	422.9	504.5	585.7	670.0	758.1
-52.5°	0.0	52.2	112.9	177.4	248.4	321.2	395.0	467.6	543.2	620.0	695.0
-55°	0.0	49.3	105.4	166.2	230.3	298.5	366.6	430.6	501.0	569.2	639.2
-57.5°	0.0	46.2	97.7	154.6	211.7	275.4	337.8	397.7	458.1	520.7	582.6
-60°	0.0	43.0	89.8	142.8	192.9	251.9	308.8	364.3	415.7	472.4	526.7
-62.5°	0.0	39.8	83.1	130.7	176.9	228.0	280.4	330.5	377.6	423.5	473.4
-65°	0.0	36.5	76.2	118.3	160.6	203.6	251.5	296.6	339.0	379.5	419.6
-67.5°	0.0	33.0	69.1	105.7	144.0	181.0	222.3	263.0	300.0	336.4	370.5
-70°	0.0	29.6	61.9	93.0	127.2	160.2	192.7	229.3	262.7	292.9	323.2
-72.5°	0.0	26.0	54.5	81.4	110.1	139.2	167.2	195.4	225.3	252.3	276.5
-75°	0.0	22.4	46.9	70.0	92.9	118.0	142.1	165.3	187.8	211.8	233.3
-77.5°	0.0	18.7	39.3	58.6	77.3	96.5	116.8	136.5	155.1	172.6	190.1
-80°	0.0	15.0	31.6	47.0	62.0	76.7	91.3	107.5	122.9	137.2	150.7
-82.5°	0.0	11.3	23.7	35.3	46.6	57.6	68.3	79.4	90.4	101.8	112.4
-85°	0.0	7.6	15.9	23.6	31.1	38.5	45.6	53.0	60.3	67.4	74.5
-87.5°	0.0	3.8	7.9	11.8	15.6	19.2	22.8	26.5	30.2	33.7	37.3
-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: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	35.3	36.7	37.9	38.8	40.3	41.6	42.7	43.6	44.4	45.0	45.4
85°	70.6	73.5	82.2	90.5	99.1	107.0	114.0	120.1	125.1	129.2	132.4
82.5°	137.9	152.6	166.5	179.7	191.7	202.4	212.7	224.5	234.1	242.1	248.6
80°	211.5	231.6	256.0	278.9	299.6	318.5	335.7	351.3	363.4	375.5	387.3
77.5°	297.3	329.8	360.1	388.1	415.1	446.7	475.9	502.6	523.2	538.9	550.8
75°	389.5	428.1	472.3	516.1	557.2	595.1	631.9	676.6	713.1	740.6	762.5
72.5°	488.0	543.5	597.6	650.0	710.4	769.1	826.0	881.1	929.5	965.0	993.7
70°	594.3	658.8	733.5	809.0	881.6	955.3	1033.9	1105.4	1164.6	1206.5	1246.3
67.5°	703.0	793.5	881.9	972.8	1075.7	1169.4	1255.3	1345.8	1425.5	1478.0	1523.9
65°	828.2	929.5	1047.6	1168.1	1281.1	1398.2	1506.6	1604.7	1705.4	1778.5	1838.6
62.5°	949.3	1091.8	1231.0	1372.0	1514.0	1641.4	1782.9	1909.2	2010.3	2115.0	2204.7
60°	1092.9	1262.2	1432.9	1602.9	1761.9	1940.7	2095.9	2242.7	2378.0	2494.7	2605.0
57.5°	1236.2	1454.8	1656.8	1856.3	2066.5	2257.8	2440.3	2604.7	2766.4	2901.5	3033.9
55°	1387.0	1668.4	1901.5	2147.9	2379.2	2595.2	2800.3	3006.2	3178.6	3364.7	3526.6
52.5°	1554.4	1875.9	2177.0	2448.3	2709.0	2958.3	3203.5	3451.3	3693.4	3886.3	4069.3
50°	1710.8	2094.0	2456.2	2765.8	3065.5	3361.4	3667.9	3977.7	4244.5	4465.2	4655.6
47.5°	1883.0	2296.6	2756.8	3099.3	3458.9	3825.6	4197.7	4539.9	4830.6	5130.7	5341.1
45°	2050.8	2501.7	3001.0	3476.3	3892.3	4336.4	4746.3	5123.8	5545.0	5872.8	6153.9
42.5°	2203.9	2696.0	3251.8	3856.7	4376.8	4853.5	5297.1	5828.1	6312.0	6695.3	7046.0
40°	2361.6	2872.7	3479.8	4209.9	4860.0	5368.8	5908.7	6495.6	7125.5	7597.0	8016.3
37.5°	2505.6	3053.6	3688.4	4479.6	5335.7	5895.1	6492.1	7128.8	7847.0	8556.2	9060.2
35°	2633.0	3206.7	3895.3	4698.9	5575.4	6405.2	7036.6	7714.7	8500.6	9420.9	10109.1
32.5°	2748.7	3331.7	4059.5	4870.0	5759.2	6732.1	7533.2	8229.4	9017.8	9967.5	11136.2
30°	2842.9	3452.8	4181.8	4993.7	5885.5	6854.3	7871.8	8630.3	9378.5	10310.5	11398.2
27.5°	2914.5	3541.6	4266.0	5070.9	5953.0	6911.1	7889.7	8825.5	9549.9	10426.8	11415.9
25°	2969.3	3614.3	4310.6	5099.5	5962.9	6886.1	7827.9	8713.4	9526.6	10299.6	11187.3
22.5°	3014.8	3664.5	4359.5	5080.2	5917.9	6797.5	7683.2	8527.5	9314.6	10038.3	10801.9
20°	3048.9	3696.6	4384.2	5099.1	5842.4	6653.4	7500.5	8304.0	9064.3	9765.1	10386.6
17.5°	3064.3	3706.1	4384.2	5095.6	5829.6	6539.1	7276.7	8049.0	8796.4	9492.7	10106.7
15°	3061.5	3693.7	4360.1	5068.4	5791.4	6494.3	7173.8	7810.9	8506.9	9210.9	9822.5
12.5°	3041.3	3660.2	4312.7	5017.6	5729.4	6423.8	7091.0	7730.8	8354.8	8944.4	9529.2
10°	3004.3	3606.8	4242.9	4943.6	5643.5	6327.7	6986.3	7628.2	8245.8	8824.5	9369.1
7.5°	2966.4	3547.0	4159.1	4846.6	5534.0	6206.1	6858.8	7501.9	8107.4	8685.0	9234.9
5°	2916.4	3483.7	4095.1	4753.8	5416.4	6072.0	6710.8	7350.6	7940.1	8522.9	9075.1
2.5°	2852.9	3405.0	4014.5	4641.3	5284.7	5933.4	6550.6	7178.6	7783.0	8343.1	8887.2
0°	2776.9	3311.8	3917.1	4507.8	5130.7	5771.3	6364.9	6979.1	7607.9	8136.9	8668.8
-2.5°	2694.2	3200.2	3775.2	4362.9	4964.9	5593.2	6201.8	6784.1	7399.1	7933.7	8476.9
-5°	2601.4	3076.9	3618.4	4199.5	4779.7	5392.1	6012.1	6565.7	7153.2	7681.9	8216.1
-7.5°	2500.1	2943.8	3448.8	4015.8	4568.6	5146.3	5733.4	6266.0	6837.2	7360.1	7880.5
-10°	2393.1	2812.6	3283.9	3808.4	4329.5	4867.9	5419.5	5941.0	6490.2	7011.0	7511.7
-12.5°	2290.6	2683.1	3114.0	3590.9	4077.2	4574.7	5087.6	5591.1	6112.1	6635.4	7103.5
-15°	2183.2	2547.1	2938.4	3365.9	3813.7	4269.0	4740.1	5216.6	5705.5	6217.5	6650.0
-17.5°	2072.1	2405.8	2759.3	3135.9	3541.1	3953.3	4386.4	4846.3	5293.7	5760.1	6178.4
-20°	1958.4	2260.3	2578.6	2903.2	3263.2	3658.4	4063.5	4476.3	4882.9	5289.0	5681.8



REPORT NUMBER: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	1843.1	2111.7	2401.4	2686.9	3029.3	3386.2	3741.7	4100.0	4464.7	4814.3	5185.9
-25°	1731.8	1973.7	2229.6	2507.2	2801.1	3115.7	3421.1	3724.0	4047.5	4375.2	4695.1
-27.5°	1624.4	1837.9	2079.5	2327.1	2571.9	2851.9	3119.2	3375.9	3658.2	3947.3	4205.7
-30°	1516.8	1719.6	1931.1	2150.9	2366.2	2600.0	2831.1	3056.2	3286.2	3533.9	3757.7
-32.5°	1417.0	1602.2	1794.7	1987.2	2170.0	2351.4	2565.0	2764.9	2953.2	3129.5	3324.9
-35°	1325.9	1495.6	1662.9	1829.0	1979.5	2139.0	2317.6	2486.1	2637.1	2778.7	2928.1
-37.5°	1239.8	1390.9	1531.9	1680.3	1814.1	1950.7	2082.1	2227.9	2350.4	2463.6	2586.1
-40°	1153.5	1288.6	1415.6	1539.5	1662.3	1776.3	1888.4	1987.7	2086.2	2195.0	2279.3
-42.5°	1068.6	1194.1	1307.6	1402.8	1518.5	1616.8	1703.9	1786.1	1866.7	1951.5	2019.0
-45°	993.6	1100.5	1204.1	1295.2	1382.0	1465.8	1539.7	1604.2	1680.5	1739.4	1790.4
-47.5°	918.0	1010.6	1105.3	1189.4	1262.0	1330.1	1385.1	1449.9	1512.3	1562.9	1592.7
-50°	843.6	928.2	1008.5	1086.8	1152.6	1207.3	1254.7	1308.0	1360.0	1402.9	1431.2
-52.5°	775.0	845.6	920.0	986.8	1047.3	1096.3	1141.5	1188.0	1226.0	1255.5	1292.6
-55°	707.2	772.3	834.4	894.3	946.1	991.0	1035.3	1076.5	1109.1	1134.6	1165.2
-57.5°	643.6	702.3	756.5	806.7	853.3	891.8	934.9	970.1	1000.5	1024.3	1056.0
-60°	581.5	634.1	683.4	727.1	765.3	803.4	838.5	870.9	897.3	920.9	950.0
-62.5°	519.9	567.4	611.7	652.0	686.7	718.2	749.9	777.5	799.6	824.1	848.1
-65°	462.1	502.2	541.0	577.7	610.5	640.5	666.6	688.9	709.7	731.4	750.8
-67.5°	404.6	441.9	474.5	503.7	534.0	563.0	587.2	607.7	625.2	642.9	659.1
-70°	353.0	382.7	412.4	438.7	461.8	486.0	509.6	528.9	544.4	558.3	571.5
-72.5°	302.3	328.6	353.1	375.8	396.8	416.2	434.7	452.3	466.7	477.6	487.1
-75°	254.2	274.6	295.8	315.6	332.6	347.8	362.0	376.0	387.8	397.1	404.7
-77.5°	208.1	225.3	241.5	256.7	269.0	280.9	292.0	302.2	311.2	318.4	323.5
-80°	163.4	175.9	189.1	201.5	211.0	219.0	226.0	232.0	238.7	245.6	251.5
-82.5°	121.7	130.6	139.4	147.8	154.4	160.0	164.9	169.5	174.3	178.7	182.6
-85°	80.1	85.2	90.5	95.7	100.7	105.1	109.0	112.2	114.8	117.1	118.9
-87.5°	40.0	42.6	45.0	47.2	49.6	51.9	54.1	56.1	57.4	58.5	59.5
-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: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	45.7	45.8	45.8	45.6	45.3	43.5	41.5	39.3	36.9	38.0	39.0
85°	134.7	135.3	134.8	133.5	131.3	131.2	130.7	129.9	128.7	130.6	132.3
82.5°	253.6	255.5	255.7	254.5	251.9	253.0	253.5	253.0	251.5	253.3	254.4
80°	396.3	400.0	400.2	397.5	392.1	392.8	393.3	392.1	389.5	390.2	390.0
77.5°	564.5	573.3	576.3	575.0	569.6	568.0	564.2	556.4	545.2	545.0	545.2
75°	779.1	788.1	792.7	792.3	787.1	783.7	778.8	769.9	757.3	756.8	756.9
72.5°	1015.9	1028.9	1034.8	1040.1	1040.1	1038.2	1031.8	1018.6	999.2	996.9	999.2
70°	1277.4	1299.4	1313.4	1324.1	1332.6	1334.4	1330.2	1319.6	1302.6	1298.1	1296.7
67.5°	1568.7	1604.0	1630.6	1648.3	1665.0	1677.0	1681.6	1676.8	1663.0	1658.4	1660.3
65°	1895.2	1949.5	1994.3	2027.9	2050.4	2066.4	2080.3	2088.6	2090.6	2095.5	2101.9
62.5°	2276.6	2343.3	2405.7	2448.2	2470.1	2485.5	2530.3	2556.1	2563.5	2565.1	2574.9
60°	2702.5	2786.8	2864.6	2927.1	2977.6	3015.8	3053.9	3079.1	3088.5	3090.4	3104.0
57.5°	3168.2	3274.0	3365.1	3461.9	3529.4	3568.5	3619.4	3671.9	3699.3	3707.2	3739.5
55°	3683.4	3827.9	3945.9	4049.5	4143.7	4226.6	4296.7	4350.8	4390.8	4414.9	4457.6
52.5°	4253.1	4422.9	4546.4	4667.9	4803.1	4898.3	4960.6	5060.7	5133.1	5172.9	5223.9
50°	4878.7	5067.8	5236.1	5363.5	5520.7	5650.8	5745.7	5840.4	5906.7	5944.7	5994.0
47.5°	5590.7	5823.7	6019.0	6137.1	6319.5	6472.9	6534.7	6606.3	6731.2	6791.2	6843.9
45°	6392.5	6689.6	6906.6	7091.4	7248.3	7420.2	7532.9	7614.2	7737.2	7799.0	7837.9
42.5°	7346.5	7677.0	7962.9	8184.7	8316.6	8539.6	8702.3	8748.1	8922.4	9040.6	9075.4
40°	8416.4	8782.8	9159.8	9412.7	9625.1	9851.5	10119.9	10269.3	10416.7	10532.6	10558.8
37.5°	9531.2	10021.7	10452.0	10778.5	11129.5	11463.7	11748.1	11903.2	11999.9	12221.7	12304.4
35°	10664.6	11170.7	11773.6	12281.0	12706.4	13118.9	13443.4	13698.9	13942.3	14141.9	14261.4
32.5°	11629.8	12174.4	12918.8	13678.5	14137.8	14584.5	15117.5	15409.9	15734.5	15997.5	16189.6
30°	12422.9	12940.7	13618.4	14571.7	15200.6	15653.4	16328.0	16732.2	17085.7	17531.5	17686.7
27.5°	12460.5	13269.8	13869.1	14690.1	15633.9	16093.4	16592.7	17327.4	17550.3	18186.0	18277.6
25°	12133.5	12983.2	13599.0	14284.4	15069.1	15628.1	16084.0	16695.0	17014.8	17423.7	17737.7
22.5°	11621.9	12370.8	12999.0	13580.2	14192.5	14701.5	15118.3	15547.7	15898.8	16216.0	16510.6
20°	11056.9	11767.8	12363.6	12863.3	13348.6	13820.4	14195.3	14556.0	14859.7	15131.9	15299.6
17.5°	10659.0	11170.5	11779.3	12291.2	12711.9	13082.3	13470.0	13771.9	14038.2	14283.3	14436.6
15°	10387.3	10873.7	11307.1	11776.9	12220.3	12573.3	12865.3	13176.8	13407.0	13618.0	13784.1
12.5°	10105.4	10606.6	11060.1	11451.3	11798.4	12184.0	12496.1	12741.1	12982.6	13148.3	13318.9
10°	9869.8	10338.8	10809.2	11222.4	11587.5	11905.3	12200.7	12475.6	12692.3	12878.1	13012.5
7.5°	9733.2	10193.1	10615.8	11012.2	11368.1	11706.8	12011.5	12263.5	12478.2	12670.5	12811.3
5°	9574.7	10029.8	10451.9	10857.0	11198.9	11524.3	11827.8	12087.0	12309.3	12480.6	12615.3
2.5°	9393.0	9842.0	10263.0	10674.8	11016.6	11330.4	11617.6	11870.4	12102.0	12265.2	12379.9
0°	9186.0	9635.6	10047.0	10434.8	10778.7	11116.6	11381.1	11636.7	11863.0	12024.6	12139.2
-2.5°	8977.1	9424.0	9849.8	10221.4	10562.7	10874.7	11156.2	11397.7	11613.8	11774.7	11875.3
-5°	8699.5	9143.6	9563.9	9938.4	10294.9	10608.2	10881.8	11127.4	11335.6	11511.0	11647.4
-7.5°	8363.4	8812.6	9232.4	9614.7	9969.5	10265.5	10528.3	10775.7	10997.9	11189.6	11357.5
-10°	7993.9	8438.1	8834.7	9192.8	9523.4	9824.4	10103.9	10348.4	10552.0	10739.7	10881.0
-12.5°	7563.5	7974.7	8362.7	8715.8	9038.9	9340.2	9606.1	9838.9	10043.9	10210.4	10337.7
-15°	7088.6	7478.9	7846.4	8207.3	8545.6	8842.4	9076.3	9321.6	9499.3	9660.7	9775.5
-17.5°	6580.5	6957.8	7344.4	7706.2	8018.5	8311.2	8568.6	8792.8	8979.3	9127.3	9256.8
-20°	6065.5	6449.9	6821.8	7166.6	7467.1	7738.4	7999.0	8214.4	8405.5	8566.6	8718.4



REPORT NUMBER: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	5548.3	5900.8	6250.0	6587.3	6871.4	7128.0	7356.1	7562.2	7730.9	7920.8	8054.8
-25°	5016.9	5325.9	5641.3	5939.1	6207.8	6460.0	6666.8	6847.4	7023.3	7206.6	7337.3
-27.5°	4483.1	4756.2	5012.4	5275.9	5511.3	5729.8	5921.7	6079.9	6250.5	6372.9	6516.6
-30°	3955.1	4202.9	4416.5	4599.9	4821.2	5008.7	5158.1	5315.1	5456.1	5573.1	5694.2
-32.5°	3508.1	3677.4	3848.1	4001.4	4148.6	4302.7	4423.1	4560.2	4656.8	4757.6	4855.4
-35°	3078.4	3208.9	3322.2	3465.6	3575.9	3659.8	3760.2	3860.8	3899.4	4009.0	4067.4
-37.5°	2689.3	2774.9	2880.7	2980.6	3062.5	3125.1	3214.5	3267.2	3295.0	3365.8	3403.8
-40°	2356.2	2410.3	2509.0	2577.2	2626.5	2672.1	2746.3	2780.5	2818.4	2853.7	2854.7
-42.5°	2063.3	2132.9	2199.8	2253.4	2284.5	2336.4	2371.4	2375.3	2424.3	2455.6	2460.5
-45°	1823.6	1894.4	1947.4	1986.8	2017.8	2062.5	2085.0	2097.6	2137.6	2158.9	2168.2
-47.5°	1639.6	1689.0	1734.9	1765.3	1806.1	1839.1	1855.6	1876.7	1907.4	1926.9	1940.9
-50°	1477.8	1517.0	1551.8	1579.7	1620.3	1649.7	1665.5	1691.4	1714.3	1728.4	1739.4
-52.5°	1335.4	1370.4	1394.7	1421.7	1455.3	1481.4	1501.5	1527.1	1546.2	1558.7	1568.4
-55°	1202.2	1235.1	1258.7	1288.2	1312.3	1329.7	1346.8	1371.9	1390.7	1403.3	1411.6
-57.5°	1084.6	1109.3	1132.5	1159.3	1182.2	1201.2	1216.5	1230.3	1242.6	1253.1	1261.1
-60°	974.5	994.6	1015.9	1036.8	1054.1	1067.8	1084.2	1096.8	1104.7	1109.7	1116.3
-62.5°	868.7	886.8	905.5	922.4	936.2	947.7	961.0	971.4	978.7	984.0	987.8
-65°	768.0	783.6	799.6	813.6	825.5	835.5	844.8	852.1	857.3	861.7	865.1
-67.5°	674.0	686.3	697.4	707.1	716.0	724.5	732.7	738.3	741.3	744.8	748.5
-70°	583.1	592.8	600.3	606.1	611.3	618.1	626.0	631.5	634.7	638.2	641.4
-72.5°	495.2	502.4	508.4	513.3	516.2	520.5	526.0	530.4	533.8	536.5	537.7
-75°	410.7	416.5	421.9	425.7	427.9	430.9	433.7	435.1	435.4	436.6	437.3
-77.5°	328.0	333.8	338.8	342.4	344.5	347.0	349.0	350.2	350.4	350.5	349.8
-80°	256.0	260.0	263.3	265.8	267.4	269.2	270.2	270.4	269.8	270.4	270.6
-82.5°	186.0	189.5	192.4	194.6	196.1	197.9	199.3	200.3	200.9	201.1	200.8
-85°	120.4	122.0	123.6	125.0	126.2	127.1	127.5	127.5	127.2	127.4	127.2
-87.5°	60.2	59.5	58.6	57.4	55.9	56.3	56.6	56.8	56.8	57.4	57.9
-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: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	40.0	40.9	38.2	35.3	38.2	40.9	40.0	39.0	38.0	36.9	39.3
85°	133.6	134.5	132.1	129.3	132.1	134.5	133.6	132.3	130.6	128.7	129.9
82.5°	254.8	254.4	252.4	249.8	252.4	254.4	254.8	254.4	253.3	251.5	253.0
80°	388.6	386.0	384.5	382.0	384.5	386.0	388.6	390.0	390.2	389.5	392.1
77.5°	543.9	540.9	545.7	549.5	545.7	540.9	543.9	545.2	545.0	545.2	556.4
75°	754.0	748.2	742.6	734.6	742.6	748.2	754.0	756.9	756.8	757.3	769.9
72.5°	998.1	993.5	989.0	981.5	989.0	993.5	998.1	999.2	996.9	999.2	1018.6
70°	1288.9	1275.3	1277.5	1278.3	1277.5	1275.3	1288.9	1296.7	1298.1	1302.6	1319.6
67.5°	1655.0	1642.6	1644.1	1642.7	1644.1	1642.6	1655.0	1660.3	1658.4	1663.0	1676.8
65°	2098.0	2084.1	2067.2	2042.3	2067.2	2084.1	2098.0	2101.9	2095.5	2090.6	2088.6
62.5°	2573.7	2561.4	2568.5	2574.2	2568.5	2561.4	2573.7	2574.9	2565.1	2563.5	2556.1
60°	3101.8	3084.5	3075.9	3062.0	3075.9	3084.5	3101.8	3104.0	3090.4	3088.5	3079.1
57.5°	3754.2	3751.1	3743.5	3723.2	3743.5	3751.1	3754.2	3739.5	3707.2	3699.3	3671.9
55°	4477.7	4473.6	4490.3	4510.7	4490.3	4473.6	4477.7	4457.6	4414.9	4390.8	4350.8
52.5°	5261.5	5274.7	5270.0	5242.4	5270.0	5274.7	5261.5	5223.9	5172.9	5133.1	5060.7
50°	6037.5	6052.3	6068.2	6082.8	6068.2	6052.3	6037.5	5994.0	5944.7	5906.7	5840.4
47.5°	6916.9	6956.0	6962.9	6935.0	6962.9	6956.0	6916.9	6843.9	6791.2	6731.2	6606.3
45°	7916.0	7939.6	7951.6	7975.3	7951.6	7939.6	7916.0	7837.9	7799.0	7737.2	7614.2
42.5°	9175.6	9203.0	9207.3	9233.0	9207.3	9203.0	9175.6	9075.4	9040.6	8922.4	8748.1
40°	10670.8	10715.1	10707.4	10696.4	10707.4	10715.1	10670.8	10558.8	10532.6	10416.7	10269.3
37.5°	12421.0	12496.3	12504.1	12550.6	12504.1	12496.3	12421.0	12304.4	12221.7	11999.9	11903.2
35°	14385.2	14473.8	14458.5	14481.3	14458.5	14473.8	14385.2	14261.4	14141.9	13942.3	13698.9
32.5°	16366.6	16499.5	16526.3	16638.2	16526.3	16499.5	16366.6	16189.6	15997.5	15734.5	15409.9
30°	17923.3	18109.6	18231.2	18222.0	18231.2	18109.6	17923.3	17686.7	17531.5	17085.7	16732.2
27.5°	18568.1	18809.5	19035.4	19103.6	19035.4	18809.5	18568.1	18277.6	18186.0	17550.3	17327.4
25°	17939.0	18115.3	18314.9	18421.9	18314.9	18115.3	17939.0	17737.7	17423.7	17014.8	16695.0
22.5°	16646.1	16760.9	16828.9	16773.3	16828.9	16760.9	16646.1	16510.6	16216.0	15898.8	15547.7
20°	15473.1	15618.2	15645.2	15703.7	15645.2	15618.2	15473.1	15299.6	15131.9	14859.7	14556.0
17.5°	14600.0	14695.0	14750.8	14763.4	14750.8	14695.0	14600.0	14436.6	14283.3	14038.2	13771.9
15°	13915.7	13991.8	14041.8	14064.0	14041.8	13991.8	13915.7	13784.1	13618.0	13407.0	13176.8
12.5°	13430.7	13523.6	13569.1	13596.7	13569.1	13523.6	13430.7	13318.9	13148.3	12982.6	12741.1
10°	13119.7	13209.4	13245.5	13258.8	13245.5	13209.4	13119.7	13012.5	12878.1	12692.3	12475.6
7.5°	12896.4	12954.0	12978.3	12997.3	12978.3	12954.0	12896.4	12811.3	12670.5	12478.2	12263.5
5°	12716.3	12762.1	12787.9	12815.1	12787.9	12762.1	12716.3	12615.3	12480.6	12309.3	12087.0
2.5°	12471.1	12536.6	12581.9	12609.4	12581.9	12536.6	12471.1	12379.9	12265.2	12102.0	11870.4
0°	12230.3	12292.0	12324.3	12377.2	12324.3	12292.0	12230.3	12139.2	12024.6	11863.0	11636.7
-2.5°	11965.5	12037.0	12121.9	12203.9	12121.9	12037.0	11965.5	11875.3	11774.7	11613.8	11397.7
-5°	11763.0	11857.4	11875.1	11927.6	11875.1	11857.4	11763.0	11647.4	11511.0	11335.6	11127.4
-7.5°	11457.5	11500.6	11573.7	11586.8	11573.7	11500.6	11457.5	11357.5	11189.6	10997.9	10775.7
-10°	10986.7	11056.7	11102.3	11148.9	11102.3	11056.7	10986.7	10881.0	10739.7	10552.0	10348.4
-12.5°	10433.4	10515.8	10589.2	10578.8	10589.2	10515.8	10433.4	10337.7	10210.4	10043.9	9838.9
-15°	9894.5	9974.0	10024.4	10017.6	10024.4	9974.0	9894.5	9775.5	9660.7	9499.3	9321.6
-17.5°	9359.5	9432.0	9505.1	9503.3	9505.1	9432.0	9359.5	9256.8	9127.3	8979.3	8792.8
-20°	8807.1	8869.2	8947.4	8980.3	8947.4	8869.2	8807.1	8718.4	8566.6	8405.5	8214.4



REPORT NUMBER: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	8168.4	8247.8	8304.7	8339.6	8304.7	8247.8	8168.4	8054.8	7920.8	7730.9	7562.2
-25°	7423.9	7505.4	7548.6	7563.9	7548.6	7505.4	7423.9	7337.3	7206.6	7023.3	6847.4
-27.5°	6601.3	6692.8	6737.2	6714.6	6737.2	6692.8	6601.3	6516.6	6372.9	6250.5	6079.9
-30°	5757.8	5816.4	5823.3	5874.2	5823.3	5816.4	5757.8	5694.2	5573.1	5456.1	5315.1
-32.5°	4925.5	4964.8	4942.5	4945.6	4942.5	4964.8	4925.5	4855.4	4757.6	4656.8	4560.2
-35°	4103.7	4135.1	4141.4	4199.2	4141.4	4135.1	4103.7	4067.4	4009.0	3899.4	3860.8
-37.5°	3443.1	3455.7	3436.3	3408.7	3436.3	3455.7	3443.1	3403.8	3365.8	3295.0	3267.2
-40°	2882.7	2892.5	2885.3	2871.0	2885.3	2892.5	2882.7	2854.7	2853.7	2818.4	2780.5
-42.5°	2479.6	2479.7	2473.1	2471.3	2473.1	2479.7	2479.6	2460.5	2455.6	2424.3	2375.3
-45°	2181.8	2184.9	2184.5	2183.4	2184.5	2184.9	2181.8	2168.2	2158.9	2137.6	2097.6
-47.5°	1950.8	1951.4	1948.4	1942.4	1948.4	1951.4	1950.8	1940.9	1926.9	1907.4	1876.7
-50°	1746.2	1746.2	1750.2	1757.3	1750.2	1746.2	1746.2	1739.4	1728.4	1714.3	1691.4
-52.5°	1573.5	1573.1	1575.3	1578.0	1575.3	1573.1	1573.5	1568.4	1558.7	1546.2	1527.1
-55°	1415.4	1414.5	1412.4	1407.6	1412.4	1414.5	1415.4	1411.6	1403.3	1390.7	1371.9
-57.5°	1264.2	1262.4	1258.6	1251.8	1258.6	1262.4	1264.2	1261.1	1253.1	1242.6	1230.3
-60°	1120.1	1120.7	1118.8	1113.7	1118.8	1120.7	1120.1	1116.3	1109.7	1104.7	1096.8
-62.5°	988.7	986.7	986.3	984.4	986.3	986.7	988.7	987.8	984.0	978.7	971.4
-65°	865.8	863.7	864.4	863.9	864.4	863.7	865.8	865.1	861.7	857.3	852.1
-67.5°	749.9	749.3	749.9	749.3	749.9	749.3	749.9	748.5	744.8	741.3	738.3
-70°	643.2	643.5	640.1	634.7	640.1	643.5	643.2	641.4	638.2	634.7	631.5
-72.5°	537.4	535.5	535.7	534.8	535.7	535.5	537.4	537.7	536.5	533.8	530.4
-75°	437.1	435.9	438.7	440.8	438.7	435.9	437.1	437.3	436.6	435.4	435.1
-77.5°	348.1	345.5	347.8	349.7	347.8	345.5	348.1	349.8	350.5	350.4	350.2
-80°	270.2	269.3	268.6	267.4	268.6	269.3	270.2	270.6	270.4	269.8	270.4
-82.5°	200.1	199.0	198.2	196.9	198.2	199.0	200.1	200.8	201.1	200.9	200.3
-85°	126.7	125.9	127.7	129.3	127.7	125.9	126.7	127.2	127.4	127.2	127.5
-87.5°	58.3	58.6	57.2	55.8	57.2	58.6	58.3	57.9	57.4	56.8	56.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	41.5	43.5	45.3	45.6	45.8	45.8	45.7	45.4	45.0	44.4	43.6
85°	130.7	131.2	131.3	133.5	134.8	135.3	134.7	132.4	129.2	125.1	120.1
82.5°	253.5	253.0	251.9	254.5	255.7	255.5	253.6	248.6	242.1	234.1	224.5
80°	393.3	392.8	392.1	397.5	400.2	400.0	396.3	387.3	375.5	363.4	351.3
77.5°	564.2	568.0	569.6	575.0	576.3	573.3	564.5	550.8	538.9	523.2	502.6
75°	778.8	783.7	787.1	792.3	792.7	788.1	779.1	762.5	740.6	713.1	676.6
72.5°	1031.8	1038.2	1040.1	1040.1	1034.8	1028.9	1015.9	993.7	965.0	929.5	881.1
70°	1330.2	1334.4	1332.6	1324.1	1313.4	1299.4	1277.4	1246.3	1206.5	1164.6	1105.4
67.5°	1681.6	1677.0	1665.0	1648.3	1630.6	1604.0	1568.7	1523.9	1478.0	1425.5	1345.8
65°	2080.3	2066.4	2050.4	2027.9	1994.3	1949.5	1895.2	1838.6	1778.5	1705.4	1604.7
62.5°	2530.3	2485.5	2470.1	2448.2	2405.7	2343.3	2276.6	2204.7	2115.0	2010.3	1909.2
60°	3053.9	3015.8	2977.6	2927.1	2864.6	2786.8	2702.5	2605.0	2494.7	2378.0	2242.7
57.5°	3619.4	3568.5	3529.4	3461.9	3365.1	3274.0	3168.2	3033.9	2901.5	2766.4	2604.7
55°	4296.7	4226.6	4143.7	4049.5	3945.9	3827.9	3683.4	3526.6	3364.7	3178.6	3006.2
52.5°	4960.6	4898.3	4803.1	4667.9	4546.4	4422.9	4253.1	4069.3	3886.3	3693.4	3451.3
50°	5745.7	5650.8	5520.7	5363.5	5236.1	5067.8	4878.7	4655.6	4465.2	4244.5	3977.7
47.5°	6534.7	6472.9	6319.5	6137.1	6019.0	5823.7	5590.7	5341.1	5130.7	4830.6	4539.9
45°	7532.9	7420.2	7248.3	7091.4	6906.6	6689.6	6392.5	6153.9	5872.8	5545.0	5123.8
42.5°	8702.3	8539.6	8316.6	8184.7	7962.9	7677.0	7346.5	7046.0	6695.3	6312.0	5828.1
40°	10119.9	9851.5	9625.1	9412.7	9159.8	8782.8	8416.4	8016.3	7597.0	7125.5	6495.6
37.5°	11748.1	11463.7	11129.5	10778.5	10452.0	10021.7	9531.2	9060.2	8556.2	7847.0	7128.8
35°	13443.4	13118.9	12706.4	12281.0	11773.6	11170.7	10664.6	10109.1	9420.9	8500.6	7714.7
32.5°	15117.5	14584.5	14137.8	13678.5	12918.8	12174.4	11629.8	11136.2	9967.5	9017.8	8229.4
30°	16328.0	15653.4	15200.6	14571.7	13618.4	12940.7	12422.9	11398.2	10310.5	9378.5	8630.3
27.5°	16592.7	16093.4	15633.9	14690.1	13869.1	13269.8	12460.5	11415.9	10426.8	9549.9	8825.5
25°	16084.0	15628.1	15069.1	14284.4	13599.0	12983.2	12133.5	11187.3	10299.6	9526.6	8713.4
22.5°	15118.3	14701.5	14192.5	13580.2	12999.0	12370.8	11621.9	10801.9	10038.3	9314.6	8527.5
20°	14195.3	13820.4	13348.6	12863.3	12363.6	11767.8	11056.9	10386.6	9765.1	9064.3	8304.0
17.5°	13470.0	13082.3	12711.9	12291.2	11779.3	11170.5	10659.0	10106.7	9492.7	8796.4	8049.0
15°	12865.3	12573.3	12220.3	11776.9	11307.1	10873.7	10387.3	9822.5	9210.9	8506.9	7810.9
12.5°	12496.1	12184.0	11798.4	11451.3	11060.1	10606.6	10105.4	9529.2	8944.4	8354.8	7730.8
10°	12200.7	11905.3	11587.5	11222.4	10809.2	10338.8	9869.8	9369.1	8824.5	8245.8	7628.2
7.5°	12011.5	11706.8	11368.1	11012.2	10615.8	10193.1	9733.2	9234.9	8685.0	8107.4	7501.9
5°	11827.8	11524.3	11198.9	10857.0	10451.9	10029.8	9574.7	9075.1	8522.9	7940.1	7350.6
2.5°	11617.6	11330.4	11016.6	10674.8	10263.0	9842.0	9393.0	8887.2	8343.1	7783.0	7178.6
0°	11381.1	11116.6	10778.7	10434.8	10047.0	9635.6	9186.0	8668.8	8136.9	7607.9	6979.1
-2.5°	11156.2	10874.7	10562.7	10221.4	9849.8	9424.0	8977.1	8476.9	7933.7	7399.1	6784.1
-5°	10881.8	10608.2	10294.9	9938.4	9563.9	9143.6	8699.5	8216.1	7681.9	7153.2	6565.7
-7.5°	10528.3	10265.5	9969.5	9614.7	9232.4	8812.6	8363.4	7880.5	7360.1	6837.2	6266.0
-10°	10103.9	9824.4	9523.4	9192.8	8834.7	8438.1	7993.9	7511.7	7011.0	6490.2	5941.0
-12.5°	9606.1	9340.2	9038.9	8715.8	8362.7	7974.7	7563.5	7103.5	6635.4	6112.1	5591.1
-15°	9076.3	8842.4	8545.6	8207.3	7846.4	7478.9	7088.6	6650.0	6217.5	5705.5	5216.6
-17.5°	8568.6	8311.2	8018.5	7706.2	7344.4	6957.8	6580.5	6178.4	5760.1	5293.7	4846.3
-20°	7999.0	7738.4	7467.1	7166.6	6821.8	6449.9	6065.5	5681.8	5289.0	4882.9	4476.3



REPORT NUMBER: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	7356.1	7128.0	6871.4	6587.3	6250.0	5900.8	5548.3	5185.9	4814.3	4464.7	4100.0
-25°	6666.8	6460.0	6207.8	5939.1	5641.3	5325.9	5016.9	4695.1	4375.2	4047.5	3724.0
-27.5°	5921.7	5729.8	5511.3	5275.9	5012.4	4756.2	4483.1	4205.7	3947.3	3658.2	3375.9
-30°	5158.1	5008.7	4821.2	4599.9	4416.5	4202.9	3955.1	3757.7	3533.9	3286.2	3056.2
-32.5°	4423.1	4302.7	4148.6	4001.4	3848.1	3677.4	3508.1	3324.9	3129.5	2953.2	2764.9
-35°	3760.2	3659.8	3575.9	3465.6	3322.2	3208.9	3078.4	2928.1	2778.7	2637.1	2486.1
-37.5°	3214.5	3125.1	3062.5	2980.6	2880.7	2774.9	2689.3	2586.1	2463.6	2350.4	2227.9
-40°	2746.3	2672.1	2626.5	2577.2	2509.0	2410.3	2356.2	2279.3	2195.0	2086.2	1987.7
-42.5°	2371.4	2336.4	2284.5	2253.4	2199.8	2132.9	2063.3	2019.0	1951.5	1866.7	1786.1
-45°	2085.0	2062.5	2017.8	1986.8	1947.4	1894.4	1823.6	1790.4	1739.4	1680.5	1604.2
-47.5°	1855.6	1839.1	1806.1	1765.3	1734.9	1689.0	1639.6	1592.7	1562.9	1512.3	1449.9
-50°	1665.5	1649.7	1620.3	1579.7	1551.8	1517.0	1477.8	1431.2	1402.9	1360.0	1308.0
-52.5°	1501.5	1481.4	1455.3	1421.7	1394.7	1370.4	1335.4	1292.6	1255.5	1226.0	1188.0
-55°	1346.8	1329.7	1312.3	1288.2	1258.7	1235.1	1202.2	1165.2	1134.6	1109.1	1076.5
-57.5°	1216.5	1201.2	1182.2	1159.3	1132.5	1109.3	1084.6	1056.0	1024.3	1000.5	970.1
-60°	1084.2	1067.8	1054.1	1036.8	1015.9	994.6	974.5	950.0	920.9	897.3	870.9
-62.5°	961.0	947.7	936.2	922.4	905.5	886.8	868.7	848.1	824.1	799.6	777.5
-65°	844.8	835.5	825.5	813.6	799.6	783.6	768.0	750.8	731.4	709.7	688.9
-67.5°	732.7	724.5	716.0	707.1	697.4	686.3	674.0	659.1	642.9	625.2	607.7
-70°	626.0	618.1	611.3	606.1	600.3	592.8	583.1	571.5	558.3	544.4	528.9
-72.5°	526.0	520.5	516.2	513.3	508.4	502.4	495.2	487.1	477.6	466.7	452.3
-75°	433.7	430.9	427.9	425.7	421.9	416.5	410.7	404.7	397.1	387.8	376.0
-77.5°	349.0	347.0	344.5	342.4	338.8	333.8	328.0	323.5	318.4	311.2	302.2
-80°	270.2	269.2	267.4	265.8	263.3	260.0	256.0	251.5	245.6	238.7	232.0
-82.5°	199.3	197.9	196.1	194.6	192.4	189.5	186.0	182.6	178.7	174.3	169.5
-85°	127.5	127.1	126.2	125.0	123.6	122.0	120.4	118.9	117.1	114.8	112.2
-87.5°	56.6	56.3	55.9	57.4	58.6	59.5	60.2	59.5	58.5	57.4	56.1
-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: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	42.7	41.6	40.3	38.8	37.9	36.7	35.3	33.5	30.6	27.6	24.5
85°	114.0	107.0	99.1	90.5	82.2	73.5	70.6	67.0	61.2	55.2	49.0
82.5°	212.7	202.4	191.7	179.7	166.5	152.6	137.9	122.1	102.9	84.4	73.4
80°	335.7	318.5	299.6	278.9	256.0	231.6	211.5	189.5	162.3	136.0	110.8
77.5°	475.9	446.7	415.1	388.1	360.1	329.8	297.3	260.6	221.0	187.1	154.5
75°	631.9	595.1	557.2	516.1	472.3	428.1	389.5	344.5	291.1	238.9	197.5
72.5°	826.0	769.1	710.4	650.0	597.6	543.5	488.0	427.2	364.3	303.0	243.2
70°	1033.9	955.3	881.6	809.0	733.5	658.8	594.3	519.1	436.5	365.9	297.4
67.5°	1255.3	1169.4	1075.7	972.8	881.9	793.5	703.0	611.8	519.5	427.8	350.5
65°	1506.6	1398.2	1281.1	1168.1	1047.6	929.5	828.2	707.9	600.7	499.5	402.3
62.5°	1782.9	1641.4	1514.0	1372.0	1231.0	1091.8	949.3	813.8	682.8	569.4	460.0
60°	2095.9	1940.7	1761.9	1602.9	1432.9	1262.2	1092.9	916.2	773.2	637.5	519.2
57.5°	2440.3	2257.8	2066.5	1856.3	1656.8	1454.8	1236.2	1033.2	860.4	711.5	576.0
55°	2800.3	2595.2	2379.2	2147.9	1901.5	1668.4	1387.0	1153.0	948.6	784.7	628.9
52.5°	3203.5	2958.3	2709.0	2448.3	2177.0	1875.9	1554.4	1265.9	1047.4	854.7	685.0
50°	3667.9	3361.4	3065.5	2765.8	2456.2	2094.0	1710.8	1400.8	1140.1	925.3	738.4
47.5°	4197.7	3825.6	3458.9	3099.3	2756.8	2296.6	1883.0	1529.6	1226.5	1000.6	788.1
45°	4746.3	4336.4	3892.3	3476.3	3001.0	2501.7	2050.8	1648.2	1330.9	1066.1	834.0
42.5°	5297.1	4853.5	4376.8	3856.7	3251.8	2696.0	2203.9	1781.5	1427.2	1126.3	882.0
40°	5908.7	5368.8	4860.0	4209.9	3479.8	2872.7	2361.6	1906.5	1513.8	1187.0	930.2
37.5°	6492.1	5895.1	5335.7	4479.6	3688.4	3053.6	2505.6	2018.4	1593.0	1252.6	973.9
35°	7036.6	6405.2	5575.4	4698.9	3895.3	3206.7	2633.0	2123.8	1677.1	1310.4	1013.1
32.5°	7533.2	6732.1	5759.2	4870.0	4059.5	3331.7	2748.7	2217.7	1749.1	1360.4	1047.8
30°	7871.8	6854.3	5885.5	4993.7	4181.8	3452.8	2842.9	2295.6	1809.0	1402.4	1080.1
27.5°	7889.7	6911.1	5953.0	5070.9	4266.0	3541.6	2914.5	2357.5	1856.8	1441.5	1113.5
25°	7827.9	6886.1	5962.9	5099.5	4310.6	3614.3	2969.3	2403.9	1900.7	1479.6	1140.8
22.5°	7683.2	6797.5	5917.9	5080.2	4359.5	3664.5	3014.8	2443.7	1936.2	1508.3	1162.1
20°	7500.5	6653.4	5842.4	5099.1	4384.2	3696.6	3048.9	2469.3	1959.2	1527.7	1177.4
17.5°	7276.7	6539.1	5829.6	5095.6	4384.2	3706.1	3064.3	2481.2	1970.1	1538.4	1187.1
15°	7173.8	6494.3	5791.4	5068.4	4360.1	3693.7	3061.5	2479.6	1969.4	1540.5	1193.8
12.5°	7091.0	6423.8	5729.4	5017.6	4312.7	3660.2	3041.3	2464.9	1957.6	1540.5	1198.7
10°	6986.3	6327.7	5643.5	4943.6	4242.9	3606.8	3004.3	2442.5	1951.7	1538.0	1199.0
7.5°	6858.8	6206.1	5534.0	4846.6	4159.1	3547.0	2966.4	2417.5	1939.3	1528.9	1194.9
5°	6710.8	6072.0	5416.4	4753.8	4095.1	3483.7	2916.4	2380.4	1918.7	1513.7	1186.5
2.5°	6550.6	5933.4	5284.7	4641.3	4014.5	3405.0	2852.9	2332.3	1890.2	1492.7	1174.0
0°	6364.9	5771.3	5130.7	4507.8	3917.1	3311.8	2776.9	2274.4	1854.2	1466.3	1157.8
-2.5°	6201.8	5593.2	4964.9	4362.9	3775.2	3200.2	2694.2	2216.2	1814.3	1440.4	1140.8
-5°	6012.1	5392.1	4779.7	4199.5	3618.4	3076.9	2601.4	2150.3	1768.0	1409.9	1120.4
-7.5°	5733.4	5146.3	4568.6	4015.8	3448.8	2943.8	2500.1	2077.9	1716.0	1375.2	1097.0
-10°	5419.5	4867.9	4329.5	3808.4	3283.9	2812.6	2393.1	1999.8	1658.8	1336.7	1070.7
-12.5°	5087.6	4574.7	4077.2	3590.9	3114.0	2683.1	2290.6	1923.0	1597.9	1294.7	1041.7
-15°	4740.1	4269.0	3813.7	3365.9	2938.4	2547.1	2183.2	1844.7	1538.0	1251.6	1010.5
-17.5°	4386.4	3953.3	3541.1	3135.9	2759.3	2405.8	2072.1	1762.4	1474.7	1208.6	979.3
-20°	4063.5	3658.4	3263.2	2903.2	2578.6	2260.3	1958.4	1676.8	1408.7	1163.2	947.6



REPORT NUMBER: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	3741.7	3386.2	3029.3	2686.9	2401.4	2111.7	1843.1	1588.5	1340.4	1115.8	913.7
-25°	3421.1	3115.7	2801.1	2507.2	2229.6	1973.7	1731.8	1498.1	1270.4	1066.8	877.7
-27.5°	3119.2	2851.9	2571.9	2327.1	2079.5	1837.9	1624.4	1412.3	1202.5	1016.4	839.9
-30°	2831.1	2600.0	2366.2	2150.9	1931.1	1719.6	1516.8	1326.7	1140.6	967.6	800.3
-32.5°	2565.0	2351.4	2170.0	1987.2	1794.7	1602.2	1417.0	1241.6	1078.4	919.0	763.3
-35°	2317.6	2139.0	1979.5	1829.0	1662.9	1495.6	1325.9	1157.3	1016.3	869.0	726.9
-37.5°	2082.1	1950.7	1814.1	1680.3	1531.9	1390.9	1239.8	1087.7	954.4	817.8	689.7
-40°	1888.4	1776.3	1662.3	1539.5	1415.6	1288.6	1153.5	1021.7	894.1	765.3	651.8
-42.5°	1703.9	1616.8	1518.5	1402.8	1307.6	1194.1	1068.6	954.6	835.8	718.2	613.5
-45°	1539.7	1465.8	1382.0	1295.2	1204.1	1100.5	993.6	887.0	777.4	673.8	576.3
-47.5°	1385.1	1330.1	1262.0	1189.4	1105.3	1010.6	918.0	822.4	719.0	629.4	540.8
-50°	1254.7	1207.3	1152.6	1086.8	1008.5	928.2	843.6	758.1	670.0	585.7	504.5
-52.5°	1141.5	1096.3	1047.3	986.8	920.0	845.6	775.0	695.0	620.0	543.2	467.6
-55°	1035.3	991.0	946.1	894.3	834.4	772.3	707.2	639.2	569.2	501.0	430.6
-57.5°	934.9	891.8	853.3	806.7	756.5	702.3	643.6	582.6	520.7	458.1	397.7
-60°	838.5	803.4	765.3	727.1	683.4	634.1	581.5	526.7	472.4	415.7	364.3
-62.5°	749.9	718.2	686.7	652.0	611.7	567.4	519.9	473.4	423.5	377.6	330.5
-65°	666.6	640.5	610.5	577.7	541.0	502.2	462.1	419.6	379.5	339.0	296.6
-67.5°	587.2	563.0	534.0	503.7	474.5	441.9	404.6	370.5	336.4	300.0	263.0
-70°	509.6	486.0	461.8	438.7	412.4	382.7	353.0	323.2	292.9	262.7	229.3
-72.5°	434.7	416.2	396.8	375.8	353.1	328.6	302.3	276.5	252.3	225.3	195.4
-75°	362.0	347.8	332.6	315.6	295.8	274.6	254.2	233.3	211.8	187.8	165.3
-77.5°	292.0	280.9	269.0	256.7	241.5	225.3	208.1	190.1	172.6	155.1	136.5
-80°	226.0	219.0	211.0	201.5	189.1	175.9	163.4	150.7	137.2	122.9	107.5
-82.5°	164.9	160.0	154.4	147.8	139.4	130.6	121.7	112.4	101.8	90.4	79.4
-85°	109.0	105.1	100.7	95.7	90.5	85.2	80.1	74.5	67.4	60.3	53.0
-87.5°	54.1	51.9	49.6	47.2	45.0	42.6	40.0	37.3	33.7	30.2	26.5
-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: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	21.3	18.0	14.5	11.0	7.4	3.7	0.0
85°	42.6	35.9	29.1	22.0	14.8	7.3	0.0
82.5°	63.8	53.8	43.5	33.0	22.2	10.9	0.0
80°	86.7	71.6	57.9	43.9	29.5	14.5	0.0
77.5°	123.2	93.3	72.2	54.7	36.8	18.1	0.0
75°	159.1	122.4	87.9	65.5	44.0	21.7	0.0
72.5°	194.5	151.0	110.1	76.1	51.1	25.2	0.0
70°	230.6	179.1	131.9	87.6	58.1	28.6	0.0
67.5°	274.7	206.6	153.2	103.1	65.0	32.0	0.0
65°	317.5	237.2	174.1	118.3	71.7	35.3	0.0
62.5°	358.9	270.4	194.4	133.2	78.3	38.6	0.0
60°	398.8	302.5	214.1	147.6	84.7	41.8	0.0
57.5°	444.0	333.4	237.8	161.6	93.8	44.9	0.0
55°	487.8	363.0	260.8	175.1	102.6	47.9	0.0
52.5°	529.3	392.0	282.7	188.1	111.2	50.8	0.0
50°	568.4	423.7	303.6	200.6	119.5	53.6	0.0
47.5°	605.6	453.6	323.4	213.2	127.4	56.3	0.0
45°	644.5	481.5	342.0	227.0	135.0	58.9	0.0
42.5°	680.3	507.3	359.5	240.1	142.3	61.4	0.0
40°	713.0	531.1	377.1	252.6	149.2	63.8	0.0
37.5°	742.4	552.7	394.8	264.4	155.7	66.0	0.0
35°	768.7	574.2	410.9	275.5	161.9	68.1	0.0
32.5°	793.9	594.4	425.5	285.8	167.6	70.1	0.0
30°	821.0	612.1	438.5	295.2	173.0	71.9	0.0
27.5°	844.4	627.4	450.8	303.9	177.9	73.6	0.0
25°	864.2	640.2	461.7	311.7	182.4	75.1	0.0
22.5°	880.3	651.4	471.1	318.7	186.5	76.5	0.0
20°	892.8	662.5	478.9	324.9	190.1	77.8	0.0
17.5°	904.1	671.7	485.2	330.2	193.3	78.9	0.0
15°	913.2	678.9	490.1	334.7	196.0	79.9	0.0
12.5°	918.8	684.2	493.5	338.3	198.3	80.7	0.0
10°	921.0	687.5	495.6	341.1	200.1	81.3	0.0
7.5°	920.0	688.9	496.2	343.0	201.5	81.8	0.0
5°	915.9	688.4	495.6	344.1	202.4	82.1	0.0
2.5°	908.9	686.0	493.8	344.4	202.8	82.3	0.0
0°	899.2	681.7	490.7	343.8	202.8	82.3	0.0
-2.5°	888.9	675.3	488.3	342.2	202.3	82.4	0.0
-5°	876.1	667.1	484.8	339.9	201.4	82.4	0.0
-7.5°	861.1	657.3	480.2	336.8	200.0	82.2	0.0
-10°	843.8	646.0	474.6	332.9	198.2	81.8	0.0
-12.5°	824.4	633.2	467.8	328.2	195.9	81.3	0.0
-15°	803.0	619.2	460.0	322.9	193.3	80.6	0.0
-17.5°	779.8	604.0	451.1	316.9	190.3	79.8	0.0
-20°	755.8	587.8	441.3	310.2	186.8	78.7	0.0



REPORT NUMBER: P559234 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	731.7	570.6	430.4	302.8	183.0	77.6	0.0
-25°	706.1	553.4	418.6	294.9	178.8	76.3	0.0
-27.5°	679.3	535.4	405.9	286.3	174.3	74.8	0.0
-30°	651.2	516.3	392.3	277.2	169.5	73.2	0.0
-32.5°	622.0	496.2	378.2	267.5	164.3	71.4	0.0
-35°	594.8	475.0	363.4	257.3	158.8	69.5	0.0
-37.5°	567.9	453.7	347.9	246.6	153.0	67.4	0.0
-40°	539.9	433.2	331.7	235.4	147.0	65.2	0.0
-42.5°	511.1	412.0	315.6	223.8	140.6	62.9	0.0
-45°	481.4	390.2	299.7	211.9	134.0	60.4	0.0
-47.5°	450.8	367.7	283.1	199.5	127.2	57.8	0.0
-50°	422.9	344.7	266.0	188.3	120.1	55.1	0.0
-52.5°	395.0	321.2	248.4	177.4	112.9	52.2	0.0
-55°	366.6	298.5	230.3	166.2	105.4	49.3	0.0
-57.5°	337.8	275.4	211.7	154.6	97.7	46.2	0.0
-60°	308.8	251.9	192.9	142.8	89.8	43.0	0.0
-62.5°	280.4	228.0	176.9	130.7	83.1	39.8	0.0
-65°	251.5	203.6	160.6	118.3	76.2	36.5	0.0
-67.5°	222.3	181.0	144.0	105.7	69.1	33.0	0.0
-70°	192.7	160.2	127.2	93.0	61.9	29.6	0.0
-72.5°	167.2	139.2	110.1	81.4	54.5	26.0	0.0
-75°	142.1	118.0	92.9	70.0	46.9	22.4	0.0
-77.5°	116.8	96.5	77.3	58.6	39.3	18.7	0.0
-80°	91.3	76.7	62.0	47.0	31.6	15.0	0.0
-82.5°	68.3	57.6	46.6	35.3	23.7	11.3	0.0
-85°	45.6	38.5	31.1	23.6	15.9	7.6	0.0
-87.5°	22.8	19.2	15.6	11.8	7.9	3.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)