

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: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-930-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559242 (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-930-U-WAF-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

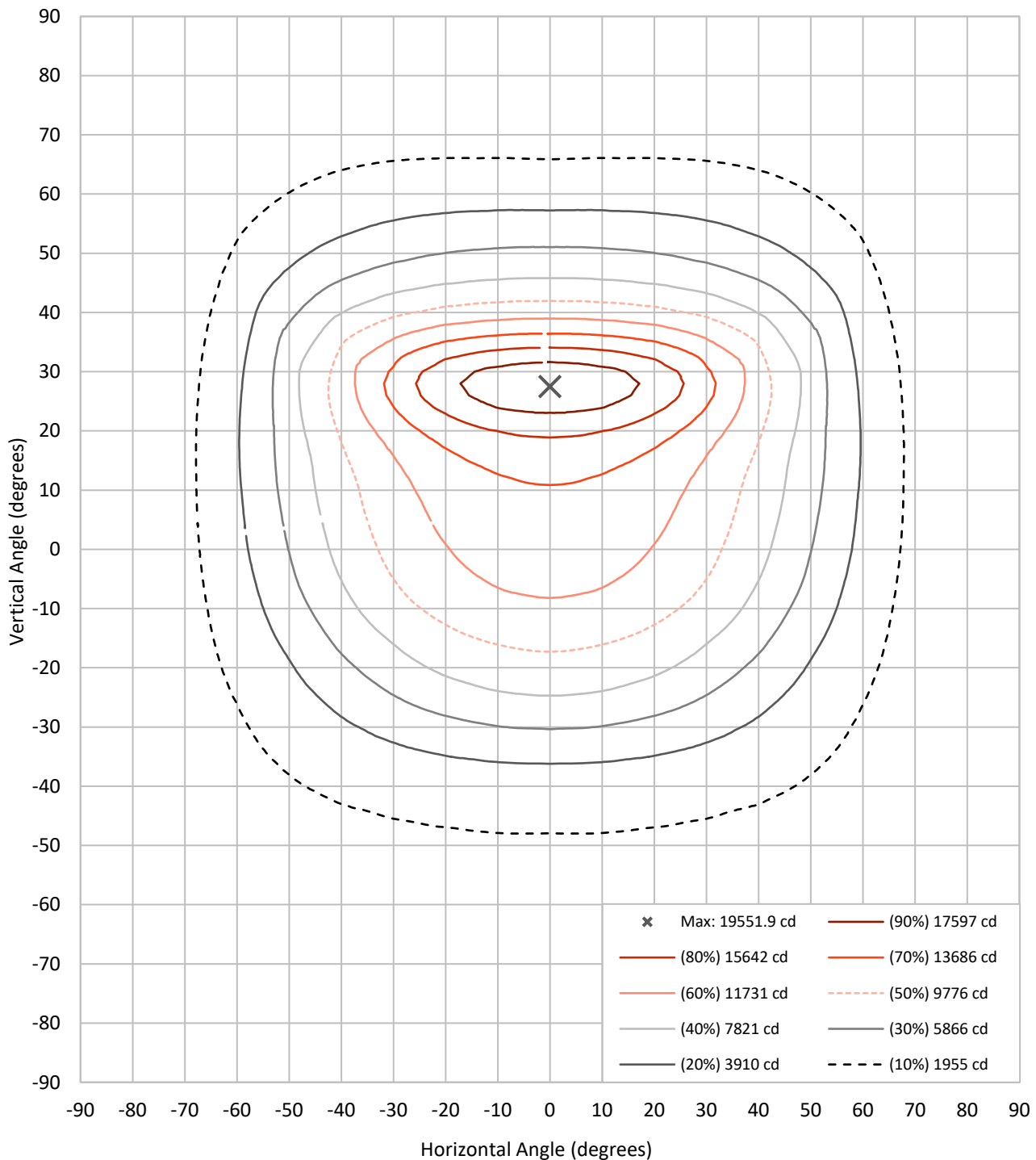
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	28503.4 lumens	Max Intensity:	19551.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	77.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	14813.2 lumens	Field Lumens:	26368 lumens
Beam Efficiency:	52.0%	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: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-930-U-WAF-XX

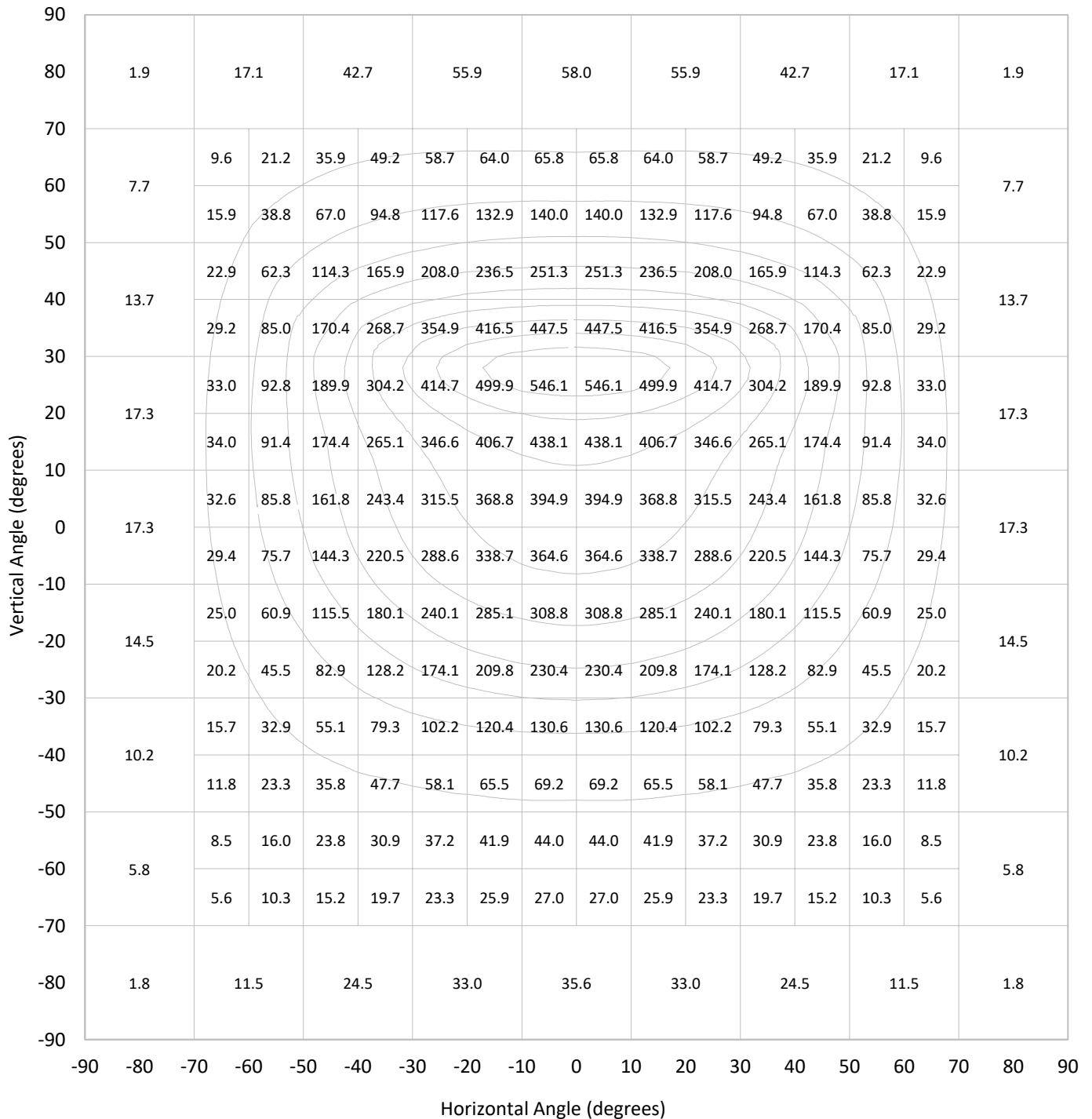
Iso-Candela Plot





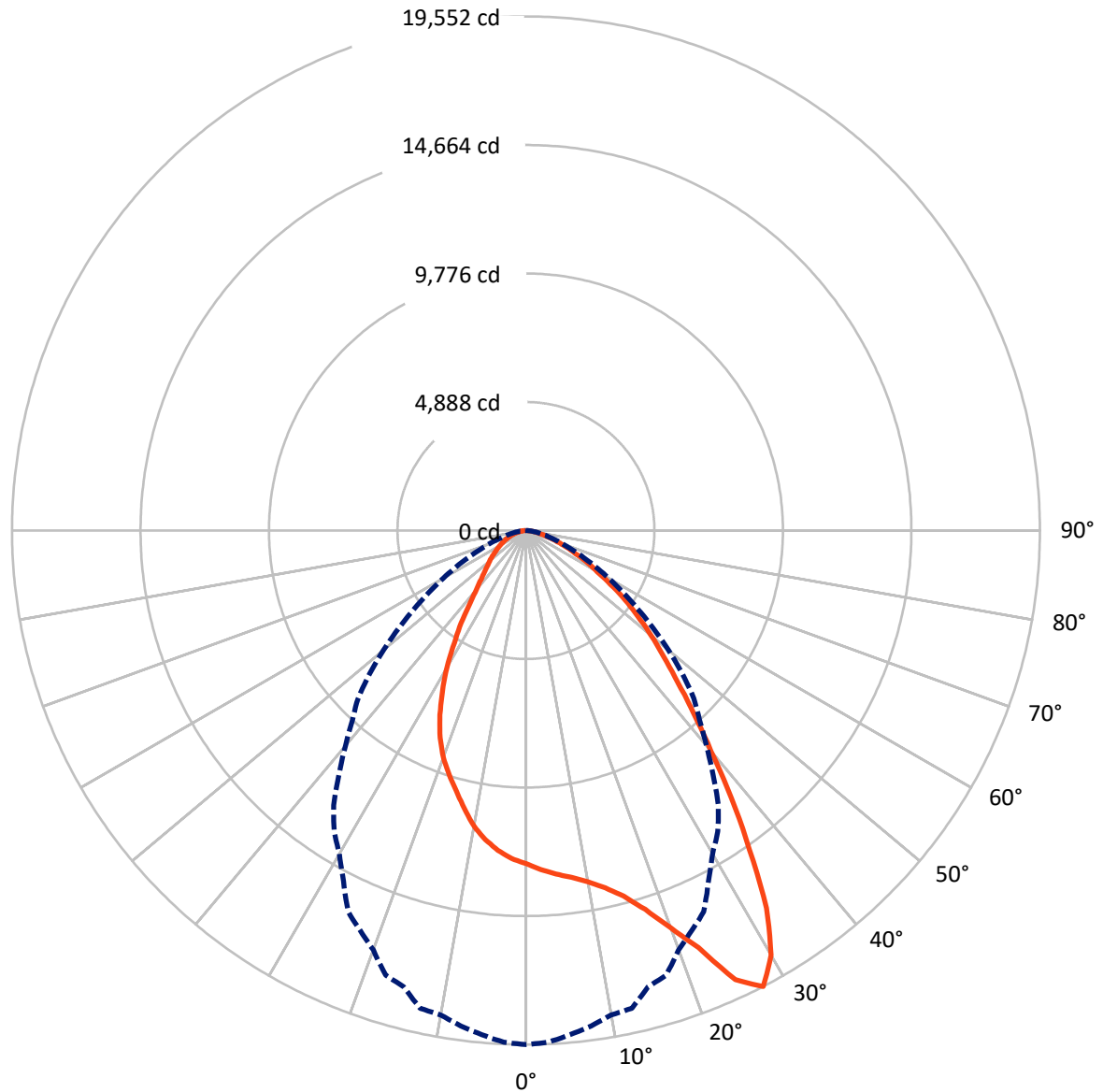
REPORT NUMBER: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-WAF-XX

Lumen Table



REPORT NUMBER: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-930-U-WAF-XX

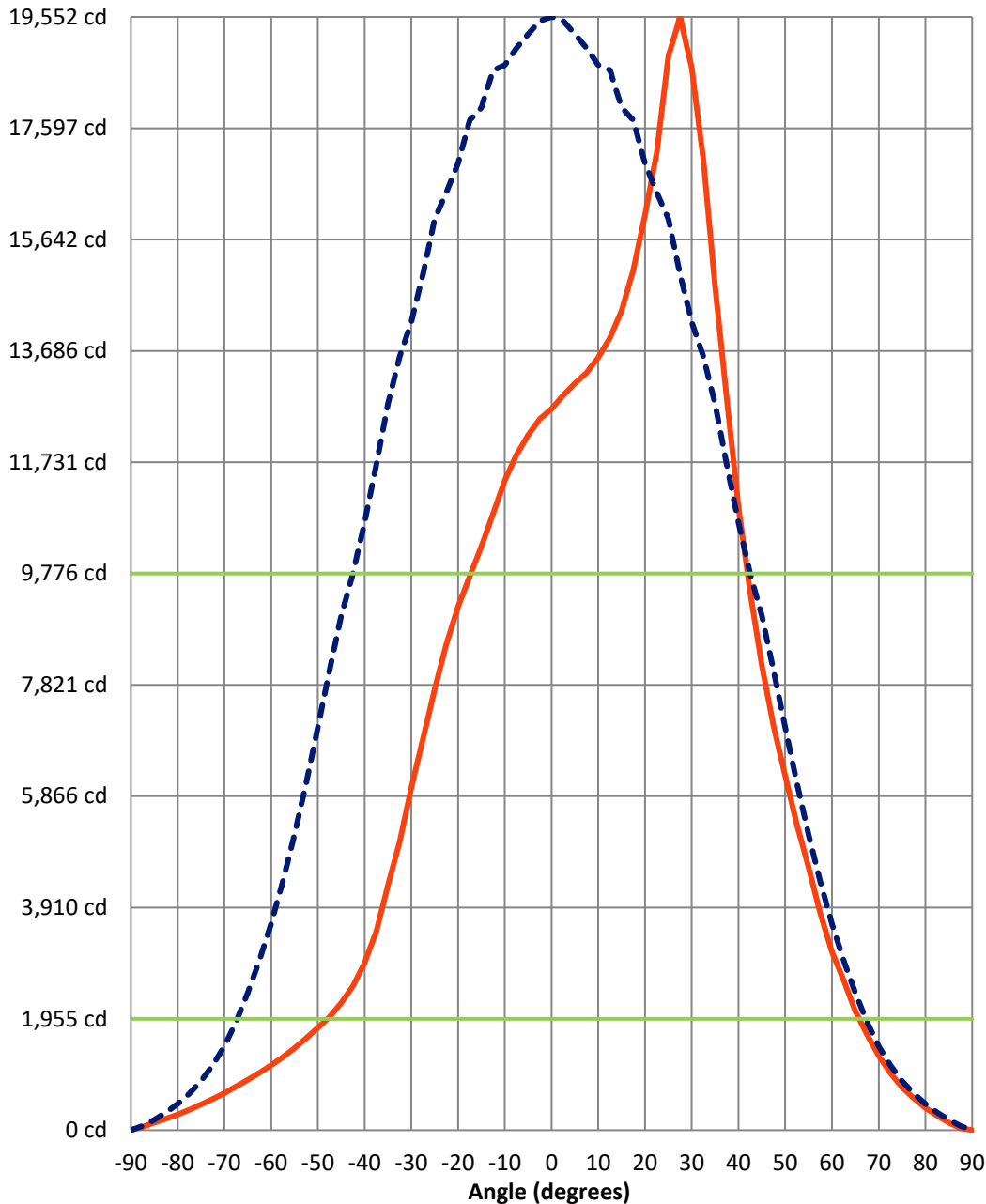
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-WAF-XX

Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 14813.2
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 26368
 Efficiency: 92.5%

Spill:
 Lumens: 2135.3
 Efficiency: 7.5%

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



REPORT NUMBER: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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	7.6	11.3	14.9	18.4	21.8	25.1	28.3	31.4	34.3
85°	0.0	7.5	15.2	22.5	29.7	36.7	43.5	50.1	56.5	62.7	68.6
82.5°	0.0	11.2	22.7	33.8	44.5	55.0	65.2	75.1	86.4	105.3	125.0
80°	0.0	14.9	30.2	44.9	59.3	73.2	88.7	113.4	139.2	166.1	193.9
77.5°	0.0	18.5	37.7	56.0	73.9	95.5	126.0	158.1	191.5	226.2	266.6
75°	0.0	22.2	45.0	67.0	89.9	125.3	162.9	202.1	244.5	297.8	352.5
72.5°	0.0	25.7	52.3	77.9	112.6	154.6	199.1	248.9	310.1	372.8	437.1
70°	0.0	29.3	59.5	89.7	135.0	183.3	236.0	304.4	374.5	446.8	531.2
67.5°	0.0	32.7	66.5	105.6	156.8	211.4	281.1	358.7	437.9	531.7	626.2
65°	0.0	36.1	73.4	121.1	178.2	242.7	325.0	411.8	511.2	614.8	724.6
62.5°	0.0	39.5	80.1	136.3	199.0	276.8	367.4	470.9	582.8	698.8	832.9
60°	0.0	42.7	86.7	151.1	219.1	309.7	408.3	531.4	652.5	791.4	937.7
57.5°	0.0	45.9	96.0	165.4	243.4	341.3	454.4	589.6	728.2	880.6	1057.5
55°	0.0	49.0	105.0	179.2	266.9	371.5	499.3	643.6	803.1	970.8	1180.0
52.5°	0.0	52.0	113.8	192.5	289.4	401.2	541.7	701.1	874.7	1072.0	1295.6
50°	0.0	54.9	122.2	205.3	310.7	433.7	581.7	755.7	947.0	1166.9	1433.8
47.5°	0.0	57.6	130.4	218.2	331.0	464.3	619.8	806.6	1024.1	1255.3	1565.6
45°	0.0	60.3	138.2	232.4	350.1	492.8	659.6	853.5	1091.2	1362.2	1686.9
42.5°	0.0	62.8	145.6	245.8	367.9	519.3	696.2	902.7	1152.8	1460.8	1823.3
40°	0.0	65.2	152.7	258.5	386.0	543.5	729.7	952.0	1214.9	1549.4	1951.2
37.5°	0.0	67.5	159.3	270.6	404.1	565.6	759.8	996.7	1282.1	1630.4	2065.7
35°	0.0	69.7	165.6	281.9	420.6	587.6	786.7	1036.9	1341.2	1716.5	2173.6
32.5°	0.0	71.7	171.5	292.5	435.5	608.3	812.5	1072.4	1392.3	1790.2	2269.7
30°	0.0	73.6	177.0	302.2	448.8	626.5	840.2	1105.4	1435.4	1851.4	2349.4
27.5°	0.0	75.3	182.0	311.0	461.4	642.1	864.2	1139.7	1475.4	1900.3	2412.8
25°	0.0	76.9	186.6	319.0	472.6	655.2	884.4	1167.6	1514.4	1945.4	2460.3
22.5°	0.0	78.3	190.8	326.2	482.2	666.7	900.9	1189.4	1543.7	1981.7	2501.0
20°	0.0	79.6	194.5	332.5	490.2	678.1	913.7	1205.1	1563.6	2005.2	2527.3
17.5°	0.0	80.7	197.8	338.0	496.7	687.5	925.3	1214.9	1574.5	2016.4	2539.4
15°	0.0	81.7	200.6	342.6	501.7	694.9	934.6	1221.8	1576.7	2015.6	2537.7
12.5°	0.0	82.5	202.9	346.3	505.2	700.3	940.3	1226.9	1576.7	2003.5	2522.7
10°	0.0	83.2	204.8	349.1	507.3	703.7	942.6	1227.2	1574.2	1997.5	2499.8
7.5°	0.0	83.7	206.2	351.1	508.0	705.1	941.6	1223.0	1564.9	1984.8	2474.2
5°	0.0	84.0	207.1	352.2	507.3	704.6	937.4	1214.4	1549.3	1963.7	2436.2
2.5°	0.0	84.2	207.5	352.5	505.4	702.1	930.2	1201.6	1527.8	1934.5	2387.0
0°	0.0	84.2	207.5	351.9	502.3	697.7	920.3	1185.0	1500.8	1897.7	2327.8
-2.5°	0.0	84.3	207.0	350.3	499.9	691.1	909.7	1167.6	1474.3	1856.9	2268.2
-5°	0.0	84.3	206.0	347.9	496.3	682.7	896.7	1146.7	1443.0	1809.5	2200.8
-7.5°	0.0	84.1	204.6	344.7	491.6	672.7	881.3	1122.7	1407.5	1756.2	2126.6
-10°	0.0	83.7	202.8	340.7	485.7	661.1	863.6	1095.8	1368.1	1697.8	2046.7
-12.5°	0.0	83.2	200.5	335.9	478.8	648.1	843.7	1066.2	1325.1	1635.5	1968.2
-15°	0.0	82.5	197.8	330.5	470.8	633.7	821.9	1034.2	1281.0	1574.1	1888.0
-17.5°	0.0	81.6	194.7	324.3	461.7	618.2	798.1	1002.2	1237.0	1509.4	1803.8
-20°	0.0	80.6	191.2	317.4	451.6	601.6	773.5	969.8	1190.5	1441.8	1716.2



REPORT NUMBER: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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	79.4	187.3	309.9	440.5	583.9	748.8	935.1	1142.0	1371.9	1625.8
-25°	0.0	78.0	183.0	301.8	428.4	566.3	722.7	898.3	1091.8	1300.2	1533.2
-27.5°	0.0	76.5	178.4	293.0	415.4	547.9	695.2	859.6	1040.2	1230.7	1445.4
-30°	0.0	74.9	173.4	283.6	401.4	528.4	666.4	819.0	990.3	1167.4	1357.9
-32.5°	0.0	73.0	168.1	273.7	387.1	507.8	636.6	781.3	940.6	1103.7	1270.7
-35°	0.0	71.1	162.5	263.3	371.9	486.1	608.8	743.9	889.5	1040.1	1184.5
-37.5°	0.0	69.0	156.6	252.3	356.0	464.3	581.2	705.8	837.0	976.8	1113.2
-40°	0.0	66.7	150.4	240.9	339.5	443.3	552.6	667.1	783.3	915.0	1045.7
-42.5°	0.0	64.3	143.9	229.1	323.0	421.7	523.0	627.9	735.0	855.4	977.0
-45°	0.0	61.8	137.1	216.8	306.7	399.3	492.6	589.8	689.6	795.7	907.8
-47.5°	0.0	59.1	130.2	204.1	289.8	376.4	461.4	553.4	644.2	735.9	841.7
-50°	0.0	56.3	122.9	192.7	272.3	352.8	432.8	516.3	599.4	685.7	775.9
-52.5°	0.0	53.4	115.5	181.6	254.2	328.7	404.2	478.5	556.0	634.6	711.4
-55°	0.0	50.4	107.8	170.1	235.7	305.5	375.2	440.7	512.7	582.6	654.2
-57.5°	0.0	47.3	99.9	158.2	216.7	281.9	345.8	407.0	468.8	532.9	596.3
-60°	0.0	44.0	91.9	146.1	197.4	257.8	316.1	372.9	425.5	483.5	539.1
-62.5°	0.0	40.7	85.0	133.7	181.0	233.3	287.0	338.3	386.5	433.5	484.5
-65°	0.0	37.3	78.0	121.1	164.3	208.3	257.5	303.6	347.0	388.4	429.5
-67.5°	0.0	33.8	70.7	108.2	147.3	185.2	227.5	269.2	307.1	344.3	379.2
-70°	0.0	30.2	63.3	95.1	130.1	163.9	197.2	234.7	268.9	299.8	330.8
-72.5°	0.0	26.6	55.7	83.3	112.7	142.4	171.1	200.0	230.6	258.3	283.0
-75°	0.0	22.9	48.0	71.7	95.0	120.7	145.4	169.2	192.2	216.7	238.7
-77.5°	0.0	19.2	40.2	59.9	79.1	98.7	119.5	139.7	158.8	176.6	194.5
-80°	0.0	15.4	32.3	48.0	63.4	78.4	93.4	110.0	125.7	140.4	154.2
-82.5°	0.0	11.6	24.3	36.1	47.7	58.9	69.9	81.2	92.5	104.1	115.0
-85°	0.0	7.7	16.2	24.1	31.8	39.3	46.6	54.2	61.6	69.0	76.2
-87.5°	0.0	3.9	8.1	12.1	15.9	19.7	23.3	27.1	30.8	34.5	38.1
-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: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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°	36.1	37.6	38.8	39.7	41.2	42.6	43.7	44.7	45.5	46.1	46.5
85°	72.2	75.2	84.2	92.6	101.5	109.5	116.7	123.0	128.1	132.2	135.5
82.5°	141.1	156.2	170.5	183.9	196.2	207.2	217.7	229.8	239.6	247.7	254.4
80°	216.4	237.0	262.1	285.5	306.7	326.0	343.7	359.5	371.9	384.3	396.4
77.5°	304.2	337.6	368.6	397.3	424.9	457.2	487.1	514.5	535.5	551.5	563.8
75°	398.6	438.1	483.4	528.2	570.3	609.1	646.7	692.5	729.9	757.9	780.4
72.5°	499.4	556.3	611.6	665.3	727.0	787.1	845.4	901.8	951.3	987.6	1017.0
70°	608.2	674.3	750.7	828.0	902.3	977.8	1058.2	1131.3	1191.9	1234.8	1275.6
67.5°	719.5	812.2	902.6	995.6	1101.0	1196.9	1284.7	1377.3	1458.9	1512.7	1559.7
65°	847.7	951.4	1072.2	1195.5	1311.1	1430.9	1541.9	1642.4	1745.4	1820.2	1881.7
62.5°	971.6	1117.4	1259.9	1404.1	1549.5	1679.8	1824.7	1954.0	2057.5	2164.7	2256.4
60°	1118.6	1291.9	1466.5	1640.5	1803.2	1986.2	2145.1	2295.3	2433.8	2553.2	2666.2
57.5°	1265.3	1489.0	1695.7	1899.9	2115.0	2310.8	2497.6	2665.8	2831.4	2969.6	3105.1
55°	1419.6	1707.6	1946.1	2198.3	2435.0	2656.2	2866.0	3076.7	3253.2	3443.6	3609.3
52.5°	1590.9	1919.9	2228.1	2505.8	2772.6	3027.7	3278.7	3532.3	3780.1	3977.5	4164.8
50°	1750.9	2143.1	2513.8	2830.8	3137.4	3440.3	3754.0	4071.1	4344.1	4570.0	4764.9
47.5°	1927.2	2350.5	2821.5	3172.1	3540.1	3915.4	4296.3	4646.5	4944.0	5251.2	5466.5
45°	2098.9	2560.4	3071.5	3557.9	3983.6	4438.2	4857.7	5244.0	5675.2	6010.6	6298.3
42.5°	2255.6	2759.2	3328.1	3947.2	4479.5	4967.4	5421.4	5964.9	6460.2	6852.4	7211.3
40°	2417.0	2940.1	3561.5	4308.8	4974.1	5494.8	6047.4	6648.1	7292.7	7775.3	8204.4
37.5°	2564.4	3125.2	3774.9	4584.7	5460.9	6033.5	6644.5	7296.1	8031.1	8756.9	9272.8
35°	2694.8	3281.9	3986.8	4809.2	5706.3	6555.5	7201.8	7895.7	8700.0	9642.0	10346.3
32.5°	2813.2	3409.9	4154.8	4984.4	5894.4	6890.1	7710.0	8422.5	9229.5	10201.4	11397.5
30°	2909.6	3533.8	4280.0	5110.9	6023.6	7015.1	8056.5	8832.8	9598.7	10552.4	11665.6
27.5°	2982.8	3624.7	4366.2	5189.9	6092.7	7073.3	8074.9	9032.6	9774.0	10671.5	11683.8
25°	3039.0	3699.1	4411.8	5219.2	6102.8	7047.7	8011.6	8918.0	9750.1	10541.4	11449.9
22.5°	3085.5	3750.5	4461.9	5199.4	6056.7	6957.0	7863.6	8727.6	9533.2	10273.9	11055.4
20°	3120.4	3783.3	4487.1	5218.8	5979.5	6809.6	7676.6	8498.9	9277.0	9994.3	10630.3
17.5°	3136.2	3793.0	4487.1	5215.2	5966.5	6692.6	7447.5	8237.9	9002.8	9715.5	10343.8
15°	3133.3	3780.4	4462.4	5187.3	5927.4	6646.7	7342.1	7994.2	8706.6	9427.0	10053.0
12.5°	3112.6	3746.1	4413.9	5135.4	5863.8	6574.5	7257.4	7912.2	8550.9	9154.3	9752.9
10°	3074.8	3691.5	4342.5	5059.6	5775.9	6476.1	7150.3	7807.2	8439.3	9031.6	9589.1
7.5°	3036.0	3630.3	4256.7	4960.4	5663.9	6351.7	7019.7	7677.9	8297.7	8888.8	9451.7
5°	2984.8	3565.5	4191.2	4865.3	5543.4	6214.5	6868.2	7523.2	8126.5	8722.9	9288.0
2.5°	2919.8	3484.9	4108.7	4750.1	5408.6	6072.7	6704.4	7347.1	7965.7	8538.9	9095.7
0°	2842.1	3389.5	4009.0	4613.5	5251.1	5906.8	6514.3	7142.9	7786.5	8327.8	8872.2
-2.5°	2757.4	3275.2	3863.8	4465.2	5081.4	5724.5	6347.4	6943.3	7572.7	8119.8	8675.8
-5°	2662.5	3149.1	3703.3	4298.0	4891.8	5518.7	6153.2	6719.7	7321.1	7862.2	8408.9
-7.5°	2558.8	3012.9	3529.7	4110.1	4675.9	5267.1	5868.0	6413.1	6997.6	7532.8	8065.4
-10°	2449.3	2878.6	3361.0	3897.8	4431.1	4982.2	5546.7	6080.4	6642.4	7175.5	7688.0
-12.5°	2344.4	2746.1	3187.1	3675.1	4172.9	4682.0	5207.0	5722.3	6255.5	6791.1	7270.2
-15°	2234.5	2606.9	3007.4	3444.9	3903.2	4369.2	4851.3	5339.1	5839.4	6363.4	6806.0
-17.5°	2120.7	2462.3	2824.1	3209.5	3624.1	4046.0	4489.3	4960.1	5417.9	5895.2	6323.3
-20°	2004.3	2313.4	2639.2	2971.4	3339.7	3744.2	4158.9	4581.3	4997.5	5413.1	5815.1



REPORT NUMBER: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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°	1886.4	2161.3	2457.8	2750.0	3100.4	3465.6	3829.5	4196.2	4569.5	4927.4	5307.6
-25°	1772.4	2020.1	2282.0	2566.1	2866.8	3188.8	3501.4	3811.4	4142.5	4477.9	4805.3
-27.5°	1662.5	1881.1	2128.4	2381.8	2632.3	2918.8	3192.4	3455.2	3744.1	4040.0	4304.4
-30°	1552.4	1760.0	1976.5	2201.4	2421.8	2661.0	2897.5	3127.9	3363.4	3616.8	3845.9
-32.5°	1450.3	1639.8	1836.8	2033.9	2221.0	2406.6	2625.2	2829.8	3022.5	3203.0	3402.9
-35°	1357.0	1530.6	1702.0	1871.9	2026.0	2189.2	2372.0	2544.4	2698.9	2844.0	2996.8
-37.5°	1268.9	1423.6	1567.8	1719.7	1856.7	1996.5	2131.0	2280.2	2405.5	2521.4	2646.8
-40°	1180.6	1318.9	1448.8	1575.6	1701.3	1818.0	1932.8	2034.3	2135.1	2246.5	2332.8
-42.5°	1093.7	1222.1	1338.3	1435.7	1554.1	1654.8	1743.9	1828.0	1910.5	1997.3	2066.4
-45°	1017.0	1126.4	1232.4	1325.6	1414.4	1500.2	1575.8	1641.9	1719.9	1780.2	1832.4
-47.5°	939.5	1034.3	1131.3	1217.3	1291.6	1361.2	1417.5	1483.8	1547.8	1599.6	1630.0
-50°	863.4	950.0	1032.1	1112.3	1179.6	1235.6	1284.1	1338.7	1391.9	1435.8	1464.8
-52.5°	793.2	865.5	941.6	1009.9	1071.9	1122.0	1168.3	1215.8	1254.8	1284.9	1323.0
-55°	723.8	790.5	854.0	915.3	968.4	1014.3	1059.6	1101.8	1135.1	1161.2	1192.6
-57.5°	658.7	718.8	774.2	825.7	873.3	912.8	956.9	993.0	1024.0	1048.3	1080.7
-60°	595.2	649.0	699.4	744.2	783.3	822.2	858.2	891.3	918.4	942.6	972.3
-62.5°	532.2	580.8	626.1	667.3	702.8	735.0	767.5	795.7	818.3	843.4	868.0
-65°	473.0	514.0	553.7	591.3	624.8	655.5	682.2	705.0	726.3	748.5	768.4
-67.5°	414.1	452.3	485.6	515.4	546.4	576.1	600.9	621.9	639.8	657.9	674.5
-70°	361.3	391.7	422.1	449.0	472.6	497.4	521.5	541.3	557.1	571.4	584.9
-72.5°	309.4	336.3	361.5	384.7	406.1	426.0	444.9	462.9	477.7	488.8	498.6
-75°	260.1	281.1	302.8	323.1	340.5	356.0	370.5	384.9	396.9	406.4	414.2
-77.5°	212.9	230.6	247.2	262.8	275.3	287.6	298.9	309.3	318.5	325.8	331.1
-80°	167.2	180.0	193.5	206.2	215.9	224.2	231.3	237.5	244.3	251.3	257.5
-82.5°	124.5	133.7	142.6	151.2	158.0	163.7	168.7	173.5	178.4	182.9	186.9
-85°	81.9	87.2	92.6	97.9	103.0	107.6	111.5	114.8	117.6	119.8	121.7
-87.5°	41.0	43.6	46.0	48.3	50.8	53.2	55.4	57.4	58.8	59.9	60.9
-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: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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°	46.8	46.9	46.9	46.7	46.3	44.5	42.4	40.2	37.8	38.9	40.0
85°	137.9	138.4	138.0	136.6	134.4	134.2	133.8	132.9	131.6	133.6	135.3
82.5°	259.5	261.5	261.7	260.4	257.8	258.9	259.4	258.9	257.4	259.2	260.4
80°	405.6	409.4	409.6	406.8	401.3	402.1	402.5	401.3	398.6	399.3	399.1
77.5°	577.8	586.7	589.8	588.5	583.0	581.3	577.4	569.5	558.0	557.8	558.0
75°	797.3	806.5	811.2	810.9	805.6	802.0	797.0	788.0	775.1	774.6	774.7
72.5°	1039.7	1053.1	1059.1	1064.6	1064.5	1062.5	1056.0	1042.5	1022.6	1020.3	1022.7
70°	1307.4	1330.0	1344.2	1355.2	1363.8	1365.7	1361.4	1350.5	1333.2	1328.5	1327.1
67.5°	1605.6	1641.6	1668.8	1687.0	1704.1	1716.4	1721.0	1716.1	1702.0	1697.3	1699.2
65°	1939.7	1995.3	2041.2	2075.5	2098.6	2114.9	2129.1	2137.6	2139.7	2144.6	2151.3
62.5°	2330.0	2398.3	2462.1	2505.6	2528.0	2543.8	2589.6	2616.0	2623.7	2625.3	2635.4
60°	2765.9	2852.2	2931.9	2995.8	3047.5	3086.6	3125.6	3151.4	3161.0	3163.0	3176.9
57.5°	3242.6	3350.9	3444.1	3543.2	3612.3	3652.3	3704.4	3758.1	3786.2	3794.2	3827.2
55°	3769.9	3917.7	4038.5	4144.5	4241.0	4325.8	4397.5	4452.9	4493.8	4518.5	4562.2
52.5°	4353.0	4526.7	4653.1	4777.5	4915.8	5013.2	5077.0	5179.4	5253.6	5294.4	5346.5
50°	4993.2	5186.8	5359.0	5489.4	5650.3	5783.4	5880.6	5977.5	6045.4	6084.2	6134.7
47.5°	5722.0	5960.4	6160.2	6281.1	6467.9	6624.8	6688.0	6761.3	6889.1	6950.5	7004.5
45°	6542.6	6846.7	7068.7	7257.8	7418.4	7594.3	7709.6	7792.8	7918.7	7982.0	8021.8
42.5°	7518.9	7857.2	8149.7	8376.8	8511.8	8740.0	8906.5	8953.3	9131.7	9252.8	9288.4
40°	8613.9	8988.8	9374.8	9633.6	9850.9	10082.7	10357.4	10510.3	10661.1	10779.8	10806.6
37.5°	9754.9	10256.9	10697.3	11031.5	11390.8	11732.7	12023.8	12182.6	12281.6	12508.5	12593.2
35°	10914.9	11432.9	12049.9	12569.2	13004.6	13426.8	13758.9	14020.4	14269.4	14473.7	14596.1
32.5°	11902.7	12460.1	13222.0	13999.5	14469.5	14926.7	15472.2	15771.5	16103.7	16373.0	16569.6
30°	12714.4	13244.4	13938.0	14913.7	15557.3	16020.7	16711.1	17124.9	17486.7	17943.0	18101.8
27.5°	12752.9	13581.2	14194.6	15034.8	16000.8	16471.1	16982.1	17734.1	17962.2	18612.8	18706.5
25°	12418.2	13287.9	13918.2	14619.6	15422.6	15994.8	16461.5	17086.8	17414.2	17832.6	18153.9
22.5°	11894.6	12661.1	13304.0	13898.8	14525.5	15046.5	15473.1	15912.6	16271.9	16596.5	16898.1
20°	11316.3	12043.9	12653.7	13165.2	13661.8	14144.8	14528.5	14897.6	15208.4	15487.1	15658.7
17.5°	10909.1	11432.6	12055.6	12579.6	13010.2	13389.3	13786.1	14095.1	14367.7	14618.5	14775.4
15°	10631.1	11128.9	11572.4	12053.2	12507.0	12868.4	13167.2	13486.0	13721.6	13937.5	14107.5
12.5°	10342.6	10855.5	11319.6	11720.0	12075.3	12470.0	12789.3	13040.1	13287.3	13456.8	13631.4
10°	10101.5	10581.4	11062.8	11485.7	11859.4	12184.7	12487.1	12768.3	12990.2	13180.3	13317.8
7.5°	9961.6	10432.2	10864.9	11270.6	11634.9	11981.5	12293.4	12551.3	12771.1	12967.9	13111.9
5°	9799.4	10265.2	10697.2	11111.8	11461.7	11794.8	12105.4	12370.7	12598.2	12773.5	12911.4
2.5°	9613.4	10072.9	10503.8	10925.3	11275.1	11596.3	11890.2	12149.0	12386.0	12553.0	12670.4
0°	9401.5	9861.7	10282.7	10679.7	11031.6	11377.5	11648.2	11909.8	12141.4	12306.8	12424.1
-2.5°	9187.8	9645.1	10081.0	10461.3	10810.6	11130.0	11418.1	11665.1	11886.3	12051.1	12154.0
-5°	8903.7	9358.2	9788.3	10171.7	10536.5	10857.1	11137.1	11388.5	11601.6	11781.1	11920.7
-7.5°	8559.7	9019.3	9449.0	9840.4	10203.5	10506.4	10775.4	11028.6	11256.1	11452.2	11624.1
-10°	8181.4	8636.0	9042.0	9408.6	9747.0	10054.9	10341.0	10591.2	10799.7	10991.7	11136.4
-12.5°	7741.0	8161.9	8559.0	8920.3	9251.1	9559.5	9831.6	10069.9	10279.7	10449.9	10580.3
-15°	7254.9	7654.4	8030.6	8399.9	8746.2	9049.9	9289.3	9540.4	9722.2	9887.5	10004.9
-17.5°	6734.9	7121.1	7516.8	7887.0	8206.6	8506.3	8769.7	8999.2	9190.0	9341.6	9474.1
-20°	6207.8	6601.3	6982.0	7334.8	7642.3	7920.0	8186.8	8407.2	8602.8	8767.6	8923.0



REPORT NUMBER: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5678.4	6039.3	6396.7	6741.9	7032.7	7295.3	7528.8	7739.6	7912.3	8106.6	8243.8
-25°	5134.6	5450.9	5773.7	6078.5	6353.5	6611.5	6823.2	7008.1	7188.0	7375.7	7509.5
-27.5°	4588.2	4867.8	5130.0	5399.8	5640.7	5864.2	6060.7	6222.5	6397.2	6522.5	6669.6
-30°	4047.9	4301.5	4520.1	4707.9	4934.4	5126.2	5279.1	5439.8	5584.2	5703.9	5827.8
-32.5°	3590.4	3763.7	3938.4	4095.3	4246.0	4403.7	4526.9	4667.2	4766.1	4869.3	4969.4
-35°	3150.6	3284.2	3400.2	3546.9	3659.9	3745.7	3848.5	3951.4	3990.9	4103.1	4162.8
-37.5°	2752.4	2840.1	2948.3	3050.5	3134.4	3198.5	3290.0	3343.9	3372.2	3444.8	3483.6
-40°	2411.5	2466.9	2567.9	2637.7	2688.1	2734.7	2810.8	2845.8	2884.6	2920.6	2921.6
-42.5°	2111.7	2183.0	2251.4	2306.3	2338.1	2391.2	2427.0	2431.0	2481.2	2513.3	2518.2
-45°	1866.5	1938.9	1993.1	2033.4	2065.2	2110.9	2133.9	2146.8	2187.8	2209.6	2219.1
-47.5°	1678.1	1728.7	1775.6	1806.7	1848.5	1882.3	1899.2	1920.7	1952.1	1972.1	1986.4
-50°	1512.4	1552.5	1588.2	1616.7	1658.3	1688.4	1704.6	1731.1	1754.5	1769.0	1780.2
-52.5°	1366.8	1402.5	1427.3	1455.0	1489.4	1516.1	1536.8	1563.0	1582.5	1595.2	1605.2
-55°	1230.4	1264.1	1288.3	1318.4	1343.0	1360.9	1378.4	1404.1	1423.3	1436.2	1444.7
-57.5°	1110.1	1135.4	1159.1	1186.5	1209.9	1229.4	1245.0	1259.2	1271.8	1282.4	1290.7
-60°	997.4	1017.9	1039.7	1061.1	1078.8	1092.8	1109.6	1122.5	1130.7	1135.8	1142.6
-62.5°	889.1	907.6	926.8	944.1	958.1	969.9	983.5	994.1	1001.7	1007.0	1011.0
-65°	786.1	802.0	818.3	832.7	844.9	855.1	864.6	872.1	877.4	881.9	885.4
-67.5°	689.7	702.3	713.7	723.7	732.8	741.5	749.9	755.6	758.7	762.4	766.1
-70°	596.7	606.7	614.3	620.3	625.7	632.6	640.7	646.3	649.6	653.1	656.5
-72.5°	506.8	514.2	520.4	525.3	528.3	532.7	538.3	542.9	546.4	549.1	550.3
-75°	420.3	426.3	431.8	435.6	437.9	441.0	443.8	445.4	445.6	446.8	447.6
-77.5°	335.7	341.6	346.7	350.4	352.6	355.2	357.2	358.3	358.5	358.7	357.9
-80°	262.1	266.1	269.5	272.0	273.7	275.5	276.5	276.7	276.1	276.7	276.9
-82.5°	190.4	194.0	196.9	199.2	200.7	202.5	204.0	205.0	205.6	205.8	205.6
-85°	123.2	124.9	126.5	127.9	129.2	130.0	130.5	130.5	130.2	130.3	130.1
-87.5°	61.6	60.9	59.9	58.7	57.3	57.7	58.0	58.1	58.2	58.8	59.3
-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: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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°	41.0	41.9	39.1	36.1	39.1	41.9	41.0	40.0	38.9	37.8	40.2
85°	136.6	137.6	135.1	132.3	135.1	137.6	136.6	135.3	133.6	131.6	132.9
82.5°	260.8	260.3	258.3	255.6	258.3	260.3	260.8	260.4	259.2	257.4	258.9
80°	397.7	395.1	393.5	391.0	393.5	395.1	397.7	399.1	399.3	398.6	401.3
77.5°	556.7	553.6	558.5	562.4	558.5	553.6	556.7	558.0	557.8	558.0	569.5
75°	771.7	765.7	760.0	751.9	760.0	765.7	771.7	774.7	774.6	775.1	788.0
72.5°	1021.5	1016.9	1012.3	1004.5	1012.3	1016.9	1021.5	1022.7	1020.3	1022.6	1042.5
70°	1319.2	1305.3	1307.5	1308.3	1307.5	1305.3	1319.2	1327.1	1328.5	1333.2	1350.5
67.5°	1693.8	1681.1	1682.7	1681.2	1682.7	1681.1	1693.8	1699.2	1697.3	1702.0	1716.1
65°	2147.3	2133.0	2115.7	2090.2	2115.7	2133.0	2147.3	2151.3	2144.6	2139.7	2137.6
62.5°	2634.1	2621.5	2628.8	2634.6	2628.8	2621.5	2634.1	2635.4	2625.3	2623.7	2616.0
60°	3174.6	3156.9	3148.1	3133.8	3148.1	3156.9	3174.6	3176.9	3163.0	3161.0	3151.4
57.5°	3842.4	3839.2	3831.3	3810.5	3831.3	3839.2	3842.4	3827.2	3794.2	3786.2	3758.1
55°	4582.7	4578.6	4595.7	4616.6	4595.7	4578.6	4582.7	4562.2	4518.5	4493.8	4452.9
52.5°	5385.0	5398.6	5393.7	5365.4	5393.7	5398.6	5385.0	5346.5	5294.4	5253.6	5179.4
50°	6179.2	6194.4	6210.7	6225.6	6210.7	6194.4	6179.2	6134.7	6084.2	6045.4	5977.5
47.5°	7079.2	7119.2	7126.3	7097.8	7126.3	7119.2	7079.2	7004.5	6950.5	6889.1	6761.3
45°	8101.7	8125.9	8138.2	8162.4	8138.2	8125.9	8101.7	8021.8	7982.0	7918.7	7792.8
42.5°	9391.0	9418.9	9423.4	9449.7	9423.4	9418.9	9391.0	9288.4	9252.8	9131.7	8953.3
40°	10921.2	10966.6	10958.7	10947.4	10958.7	10966.6	10921.2	10806.6	10779.8	10661.1	10510.3
37.5°	12712.5	12789.5	12797.6	12845.1	12797.6	12789.5	12712.5	12593.2	12508.5	12281.6	12182.6
35°	14722.8	14813.5	14797.8	14821.1	14797.8	14813.5	14722.8	14596.1	14473.7	14269.4	14020.4
32.5°	16750.7	16886.7	16914.1	17028.6	16914.1	16886.7	16750.7	16569.6	16373.0	16103.7	15771.5
30°	18343.9	18534.6	18659.1	18649.7	18659.1	18534.6	18343.9	18101.8	17943.0	17486.7	17124.9
27.5°	19003.9	19250.9	19482.2	19551.9	19482.2	19250.9	19003.9	18706.5	18612.8	17962.2	17734.1
25°	18360.0	18540.4	18744.7	18854.2	18744.7	18540.4	18360.0	18153.9	17832.6	17414.2	17086.8
22.5°	17036.8	17154.2	17223.8	17167.0	17223.8	17154.2	17036.8	16898.1	16596.5	16271.9	15912.6
20°	15836.2	15984.7	16012.4	16072.2	16012.4	15984.7	15836.2	15658.7	15487.1	15208.4	14897.6
17.5°	14942.5	15039.8	15096.9	15109.8	15096.9	15039.8	14942.5	14775.4	14618.5	14367.7	14095.1
15°	14242.2	14320.2	14371.3	14394.0	14371.3	14320.2	14242.2	14107.5	13937.5	13721.6	13486.0
12.5°	13745.9	13840.9	13887.5	13915.8	13887.5	13840.9	13745.9	13631.4	13456.8	13287.3	13040.1
10°	13427.6	13519.4	13556.3	13570.0	13556.3	13519.4	13427.6	13317.8	13180.3	12990.2	12768.3
7.5°	13199.1	13258.0	13282.9	13302.3	13282.9	13258.0	13199.1	13111.9	12967.9	12771.1	12551.3
5°	13014.7	13061.6	13088.0	13115.8	13088.0	13061.6	13014.7	12911.4	12773.5	12598.2	12370.7
2.5°	12763.7	12830.8	12877.3	12905.3	12877.3	12830.8	12763.7	12670.4	12553.0	12386.0	12149.0
0°	12517.3	12580.5	12613.6	12667.7	12613.6	12580.5	12517.3	12424.1	12306.8	12141.4	11909.8
-2.5°	12246.3	12319.5	12406.4	12490.3	12406.4	12319.5	12246.3	12154.0	12051.1	11886.3	11665.1
-5°	12039.1	12135.7	12153.9	12207.6	12153.9	12135.7	12039.1	11920.7	11781.1	11601.6	11388.5
-7.5°	11726.4	11770.4	11845.4	11858.7	11845.4	11770.4	11726.4	11624.1	11452.2	11256.1	11028.6
-10°	11244.5	11316.2	11362.9	11410.6	11362.9	11316.2	11244.5	11136.4	10991.7	10799.7	10591.2
-12.5°	10678.3	10762.5	10837.7	10827.1	10837.7	10762.5	10678.3	10580.3	10449.9	10279.7	10069.9
-15°	10126.7	10208.0	10259.7	10252.7	10259.7	10208.0	10126.7	10004.9	9887.5	9722.2	9540.4
-17.5°	9579.2	9653.4	9728.1	9726.3	9728.1	9653.4	9579.2	9474.1	9341.6	9190.0	8999.2
-20°	9013.9	9077.4	9157.4	9191.0	9157.4	9077.4	9013.9	8923.0	8767.6	8602.8	8407.2



REPORT NUMBER: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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°	8360.1	8441.4	8499.6	8535.4	8499.6	8441.4	8360.1	8243.8	8106.6	7912.3	7739.6
-25°	7598.1	7681.5	7725.8	7741.4	7725.8	7681.5	7598.1	7509.5	7375.7	7188.0	7008.1
-27.5°	6756.3	6849.8	6895.2	6872.2	6895.2	6849.8	6756.3	6669.6	6522.5	6397.2	6222.5
-30°	5893.0	5952.9	5959.9	6012.0	5959.9	5952.9	5893.0	5827.8	5703.9	5584.2	5439.8
-32.5°	5041.1	5081.3	5058.5	5061.7	5058.5	5081.3	5041.1	4969.4	4869.3	4766.1	4667.2
-35°	4200.0	4232.1	4238.6	4297.8	4238.6	4232.1	4200.0	4162.8	4103.1	3990.9	3951.4
-37.5°	3523.9	3536.8	3517.0	3488.7	3517.0	3536.8	3523.9	3483.6	3444.8	3372.2	3343.9
-40°	2950.3	2960.3	2953.0	2938.4	2953.0	2960.3	2950.3	2921.6	2920.6	2884.6	2845.8
-42.5°	2537.8	2537.9	2531.2	2529.3	2531.2	2537.9	2537.8	2518.2	2513.3	2481.2	2431.0
-45°	2233.0	2236.2	2235.7	2234.6	2235.7	2236.2	2233.0	2219.1	2209.6	2187.8	2146.8
-47.5°	1996.6	1997.2	1994.1	1988.0	1994.1	1997.2	1996.6	1986.4	1972.1	1952.1	1920.7
-50°	1787.2	1787.2	1791.3	1798.5	1791.3	1787.2	1787.2	1780.2	1769.0	1754.5	1731.1
-52.5°	1610.4	1610.0	1612.2	1615.0	1612.2	1610.0	1610.4	1605.2	1595.2	1582.5	1563.0
-55°	1448.6	1447.7	1445.5	1440.6	1445.5	1447.7	1448.6	1444.7	1436.2	1423.3	1404.1
-57.5°	1293.8	1292.0	1288.1	1281.2	1288.1	1292.0	1293.8	1290.7	1282.4	1271.8	1259.2
-60°	1146.4	1147.0	1145.1	1139.9	1145.1	1147.0	1146.4	1142.6	1135.8	1130.7	1122.5
-62.5°	1011.9	1009.9	1009.5	1007.5	1009.5	1009.9	1011.9	1011.0	1007.0	1001.7	994.1
-65°	886.0	884.0	884.7	884.2	884.7	884.0	886.0	885.4	881.9	877.4	872.1
-67.5°	767.5	766.8	767.5	766.9	767.5	766.8	767.5	766.1	762.4	758.7	755.6
-70°	658.4	658.7	655.2	649.6	655.2	658.7	658.4	656.5	653.1	649.6	646.3
-72.5°	550.0	548.1	548.3	547.4	548.3	548.1	550.0	550.3	549.1	546.4	542.9
-75°	447.4	446.2	449.0	451.1	449.0	446.2	447.4	447.6	446.8	445.6	445.4
-77.5°	356.2	353.6	356.0	357.9	356.0	353.6	356.2	357.9	358.7	358.5	358.3
-80°	276.6	275.7	274.9	273.7	274.9	275.7	276.6	276.9	276.7	276.1	276.7
-82.5°	204.8	203.7	202.8	201.5	202.8	203.7	204.8	205.6	205.8	205.6	205.0
-85°	129.6	128.8	130.7	132.3	130.7	128.8	129.6	130.1	130.3	130.2	130.5
-87.5°	59.7	60.0	58.6	57.1	58.6	60.0	59.7	59.3	58.8	58.2	58.1
-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: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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°	42.4	44.5	46.3	46.7	46.9	46.9	46.8	46.5	46.1	45.5	44.7
85°	133.8	134.2	134.4	136.6	138.0	138.4	137.9	135.5	132.2	128.1	123.0
82.5°	259.4	258.9	257.8	260.4	261.7	261.5	259.5	254.4	247.7	239.6	229.8
80°	402.5	402.1	401.3	406.8	409.6	409.4	405.6	396.4	384.3	371.9	359.5
77.5°	577.4	581.3	583.0	588.5	589.8	586.7	577.8	563.8	551.5	535.5	514.5
75°	797.0	802.0	805.6	810.9	811.2	806.5	797.3	780.4	757.9	729.9	692.5
72.5°	1056.0	1062.5	1064.5	1064.6	1059.1	1053.1	1039.7	1017.0	987.6	951.3	901.8
70°	1361.4	1365.7	1363.8	1355.2	1344.2	1330.0	1307.4	1275.6	1234.8	1191.9	1131.3
67.5°	1721.0	1716.4	1704.1	1687.0	1668.8	1641.6	1605.6	1559.7	1512.7	1458.9	1377.3
65°	2129.1	2114.9	2098.6	2075.5	2041.2	1995.3	1939.7	1881.7	1820.2	1745.4	1642.4
62.5°	2589.6	2543.8	2528.0	2505.6	2462.1	2398.3	2330.0	2256.4	2164.7	2057.5	1954.0
60°	3125.6	3086.6	3047.5	2995.8	2931.9	2852.2	2765.9	2666.2	2553.2	2433.8	2295.3
57.5°	3704.4	3652.3	3612.3	3543.2	3444.1	3350.9	3242.6	3105.1	2969.6	2831.4	2665.8
55°	4397.5	4325.8	4241.0	4144.5	4038.5	3917.7	3769.9	3609.3	3443.6	3253.2	3076.7
52.5°	5077.0	5013.2	4915.8	4777.5	4653.1	4526.7	4353.0	4164.8	3977.5	3780.1	3532.3
50°	5880.6	5783.4	5650.3	5489.4	5359.0	5186.8	4993.2	4764.9	4570.0	4344.1	4071.1
47.5°	6688.0	6624.8	6467.9	6281.1	6160.2	5960.4	5722.0	5466.5	5251.2	4944.0	4646.5
45°	7709.6	7594.3	7418.4	7257.8	7068.7	6846.7	6542.6	6298.3	6010.6	5675.2	5244.0
42.5°	8906.5	8740.0	8511.8	8376.8	8149.7	7857.2	7518.9	7211.3	6852.4	6460.2	5964.9
40°	10357.4	10082.7	9850.9	9633.6	9374.8	8988.8	8613.9	8204.4	7775.3	7292.7	6648.1
37.5°	12023.8	11732.7	11390.8	11031.5	10697.3	10256.9	9754.9	9272.8	8756.9	8031.1	7296.1
35°	13758.9	13426.8	13004.6	12569.2	12049.9	11432.9	10914.9	10346.3	9642.0	8700.0	7895.7
32.5°	15472.2	14926.7	14469.5	13999.5	13222.0	12460.1	11902.7	11397.5	10201.4	9229.5	8422.5
30°	16711.1	16020.7	15557.3	14913.7	13938.0	13244.4	12714.4	11665.6	10552.4	9598.7	8832.8
27.5°	16982.1	16471.1	16000.8	15034.8	14194.6	13581.2	12752.9	11683.8	10671.5	9774.0	9032.6
25°	16461.5	15994.8	15422.6	14619.6	13918.2	13287.9	12418.2	11449.9	10541.4	9750.1	8918.0
22.5°	15473.1	15046.5	14525.5	13898.8	13304.0	12661.1	11894.6	11055.4	10273.9	9533.2	8727.6
20°	14528.5	14144.8	13661.8	13165.2	12653.7	12043.9	11316.3	10630.3	9994.3	9277.0	8498.9
17.5°	13786.1	13389.3	13010.2	12579.6	12055.6	11432.6	10909.1	10343.8	9715.5	9002.8	8237.9
15°	13167.2	12868.4	12507.0	12053.2	11572.4	11128.9	10631.1	10053.0	9427.0	8706.6	7994.2
12.5°	12789.3	12470.0	12075.3	11720.0	11319.6	10855.5	10342.6	9752.9	9154.3	8550.9	7912.2
10°	12487.1	12184.7	11859.4	11485.7	11062.8	10581.4	10101.5	9589.1	9031.6	8439.3	7807.2
7.5°	12293.4	11981.5	11634.9	11270.6	10864.9	10432.2	9961.6	9451.7	8888.8	8297.7	7677.9
5°	12105.4	11794.8	11461.7	11111.8	10697.2	10265.2	9799.4	9288.0	8722.9	8126.5	7523.2
2.5°	11890.2	11596.3	11275.1	10925.3	10503.8	10072.9	9613.4	9095.7	8538.9	7965.7	7347.1
0°	11648.2	11377.5	11031.6	10679.7	10282.7	9861.7	9401.5	8872.2	8327.8	7786.5	7142.9
-2.5°	11418.1	11130.0	10810.6	10461.3	10081.0	9645.1	9187.8	8675.8	8119.8	7572.7	6943.3
-5°	11137.1	10857.1	10536.5	10171.7	9788.3	9358.2	8903.7	8408.9	7862.2	7321.1	6719.7
-7.5°	10775.4	10506.4	10203.5	9840.4	9449.0	9019.3	8559.7	8065.4	7532.8	6997.6	6413.1
-10°	10341.0	10054.9	9747.0	9408.6	9042.0	8636.0	8181.4	7688.0	7175.5	6642.4	6080.4
-12.5°	9831.6	9559.5	9251.1	8920.3	8559.0	8161.9	7741.0	7270.2	6791.1	6255.5	5722.3
-15°	9289.3	9049.9	8746.2	8399.9	8030.6	7654.4	7254.9	6806.0	6363.4	5839.4	5339.1
-17.5°	8769.7	8506.3	8206.6	7887.0	7516.8	7121.1	6734.9	6323.3	5895.2	5417.9	4960.1
-20°	8186.8	7920.0	7642.3	7334.8	6982.0	6601.3	6207.8	5815.1	5413.1	4997.5	4581.3



REPORT NUMBER: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7528.8	7295.3	7032.7	6741.9	6396.7	6039.3	5678.4	5307.6	4927.4	4569.5	4196.2
-25°	6823.2	6611.5	6353.5	6078.5	5773.7	5450.9	5134.6	4805.3	4477.9	4142.5	3811.4
-27.5°	6060.7	5864.2	5640.7	5399.8	5130.0	4867.8	4588.2	4304.4	4040.0	3744.1	3455.2
-30°	5279.1	5126.2	4934.4	4707.9	4520.1	4301.5	4047.9	3845.9	3616.8	3363.4	3127.9
-32.5°	4526.9	4403.7	4246.0	4095.3	3938.4	3763.7	3590.4	3402.9	3203.0	3022.5	2829.8
-35°	3848.5	3745.7	3659.9	3546.9	3400.2	3284.2	3150.6	2996.8	2844.0	2698.9	2544.4
-37.5°	3290.0	3198.5	3134.4	3050.5	2948.3	2840.1	2752.4	2646.8	2521.4	2405.5	2280.2
-40°	2810.8	2734.7	2688.1	2637.7	2567.9	2466.9	2411.5	2332.8	2246.5	2135.1	2034.3
-42.5°	2427.0	2391.2	2338.1	2306.3	2251.4	2183.0	2111.7	2066.4	1997.3	1910.5	1828.0
-45°	2133.9	2110.9	2065.2	2033.4	1993.1	1938.9	1866.5	1832.4	1780.2	1719.9	1641.9
-47.5°	1899.2	1882.3	1848.5	1806.7	1775.6	1728.7	1678.1	1630.0	1599.6	1547.8	1483.8
-50°	1704.6	1688.4	1658.3	1616.7	1588.2	1552.5	1512.4	1464.8	1435.8	1391.9	1338.7
-52.5°	1536.8	1516.1	1489.4	1455.0	1427.3	1402.5	1366.8	1323.0	1284.9	1254.8	1215.8
-55°	1378.4	1360.9	1343.0	1318.4	1288.3	1264.1	1230.4	1192.6	1161.2	1135.1	1101.8
-57.5°	1245.0	1229.4	1209.9	1186.5	1159.1	1135.4	1110.1	1080.7	1048.3	1024.0	993.0
-60°	1109.6	1092.8	1078.8	1061.1	1039.7	1017.9	997.4	972.3	942.6	918.4	891.3
-62.5°	983.5	969.9	958.1	944.1	926.8	907.6	889.1	868.0	843.4	818.3	795.7
-65°	864.6	855.1	844.9	832.7	818.3	802.0	786.1	768.4	748.5	726.3	705.0
-67.5°	749.9	741.5	732.8	723.7	713.7	702.3	689.7	674.5	657.9	639.8	621.9
-70°	640.7	632.6	625.7	620.3	614.3	606.7	596.7	584.9	571.4	557.1	541.3
-72.5°	538.3	532.7	528.3	525.3	520.4	514.2	506.8	498.6	488.8	477.7	462.9
-75°	443.8	441.0	437.9	435.6	431.8	426.3	420.3	414.2	406.4	396.9	384.9
-77.5°	357.2	355.2	352.6	350.4	346.7	341.6	335.7	331.1	325.8	318.5	309.3
-80°	276.5	275.5	273.7	272.0	269.5	266.1	262.1	257.5	251.3	244.3	237.5
-82.5°	204.0	202.5	200.7	199.2	196.9	194.0	190.4	186.9	182.9	178.4	173.5
-85°	130.5	130.0	129.2	127.9	126.5	124.9	123.2	121.7	119.8	117.6	114.8
-87.5°	58.0	57.7	57.3	58.7	59.9	60.9	61.6	60.9	59.9	58.8	57.4
-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: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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°	43.7	42.6	41.2	39.7	38.8	37.6	36.1	34.3	31.4	28.3	25.1
85°	116.7	109.5	101.5	92.6	84.2	75.2	72.2	68.6	62.7	56.5	50.1
82.5°	217.7	207.2	196.2	183.9	170.5	156.2	141.1	125.0	105.3	86.4	75.1
80°	343.7	326.0	306.7	285.5	262.1	237.0	216.4	193.9	166.1	139.2	113.4
77.5°	487.1	457.2	424.9	397.3	368.6	337.6	304.2	266.6	226.2	191.5	158.1
75°	646.7	609.1	570.3	528.2	483.4	438.1	398.6	352.5	297.8	244.5	202.1
72.5°	845.4	787.1	727.0	665.3	611.6	556.3	499.4	437.1	372.8	310.1	248.9
70°	1058.2	977.8	902.3	828.0	750.7	674.3	608.2	531.2	446.8	374.5	304.4
67.5°	1284.7	1196.9	1101.0	995.6	902.6	812.2	719.5	626.2	531.7	437.9	358.7
65°	1541.9	1430.9	1311.1	1195.5	1072.2	951.4	847.7	724.6	614.8	511.2	411.8
62.5°	1824.7	1679.8	1549.5	1404.1	1259.9	1117.4	971.6	832.9	698.8	582.8	470.9
60°	2145.1	1986.2	1803.2	1640.5	1466.5	1291.9	1118.6	937.7	791.4	652.5	531.4
57.5°	2497.6	2310.8	2115.0	1899.9	1695.7	1489.0	1265.3	1057.5	880.6	728.2	589.6
55°	2866.0	2656.2	2435.0	2198.3	1946.1	1707.6	1419.6	1180.0	970.8	803.1	643.6
52.5°	3278.7	3027.7	2772.6	2505.8	2228.1	1919.9	1590.9	1295.6	1072.0	874.7	701.1
50°	3754.0	3440.3	3137.4	2830.8	2513.8	2143.1	1750.9	1433.8	1166.9	947.0	755.7
47.5°	4296.3	3915.4	3540.1	3172.1	2821.5	2350.5	1927.2	1565.6	1255.3	1024.1	806.6
45°	4857.7	4438.2	3983.6	3557.9	3071.5	2560.4	2098.9	1686.9	1362.2	1091.2	853.5
42.5°	5421.4	4967.4	4479.5	3947.2	3328.1	2759.2	2255.6	1823.3	1460.8	1152.8	902.7
40°	6047.4	5494.8	4974.1	4308.8	3561.5	2940.1	2417.0	1951.2	1549.4	1214.9	952.0
37.5°	6644.5	6033.5	5460.9	4584.7	3774.9	3125.2	2564.4	2065.7	1630.4	1282.1	996.7
35°	7201.8	6555.5	5706.3	4809.2	3986.8	3281.9	2694.8	2173.6	1716.5	1341.2	1036.9
32.5°	7710.0	6890.1	5894.4	4984.4	4154.8	3409.9	2813.2	2269.7	1790.2	1392.3	1072.4
30°	8056.5	7015.1	6023.6	5110.9	4280.0	3533.8	2909.6	2349.4	1851.4	1435.4	1105.4
27.5°	8074.9	7073.3	6092.7	5189.9	4366.2	3624.7	2982.8	2412.8	1900.3	1475.4	1139.7
25°	8011.6	7047.7	6102.8	5219.2	4411.8	3699.1	3039.0	2460.3	1945.4	1514.4	1167.6
22.5°	7863.6	6957.0	6056.7	5199.4	4461.9	3750.5	3085.5	2501.0	1981.7	1543.7	1189.4
20°	7676.6	6809.6	5979.5	5218.8	4487.1	3783.3	3120.4	2527.3	2005.2	1563.6	1205.1
17.5°	7447.5	6692.6	5966.5	5215.2	4487.1	3793.0	3136.2	2539.4	2016.4	1574.5	1214.9
15°	7342.1	6646.7	5927.4	5187.3	4462.4	3780.4	3133.3	2537.7	2015.6	1576.7	1221.8
12.5°	7257.4	6574.5	5863.8	5135.4	4413.9	3746.1	3112.6	2522.7	2003.5	1576.7	1226.9
10°	7150.3	6476.1	5775.9	5059.6	4342.5	3691.5	3074.8	2499.8	1997.5	1574.2	1227.2
7.5°	7019.7	6351.7	5663.9	4960.4	4256.7	3630.3	3036.0	2474.2	1984.8	1564.9	1223.0
5°	6868.2	6214.5	5543.4	4865.3	4191.2	3565.5	2984.8	2436.2	1963.7	1549.3	1214.4
2.5°	6704.4	6072.7	5408.6	4750.1	4108.7	3484.9	2919.8	2387.0	1934.5	1527.8	1201.6
0°	6514.3	5906.8	5251.1	4613.5	4009.0	3389.5	2842.1	2327.8	1897.7	1500.8	1185.0
-2.5°	6347.4	5724.5	5081.4	4465.2	3863.8	3275.2	2757.4	2268.2	1856.9	1474.3	1167.6
-5°	6153.2	5518.7	4891.8	4298.0	3703.3	3149.1	2662.5	2200.8	1809.5	1443.0	1146.7
-7.5°	5868.0	5267.1	4675.9	4110.1	3529.7	3012.9	2558.8	2126.6	1756.2	1407.5	1122.7
-10°	5546.7	4982.2	4431.1	3897.8	3361.0	2878.6	2449.3	2046.7	1697.8	1368.1	1095.8
-12.5°	5207.0	4682.0	4172.9	3675.1	3187.1	2746.1	2344.4	1968.2	1635.5	1325.1	1066.2
-15°	4851.3	4369.2	3903.2	3444.9	3007.4	2606.9	2234.5	1888.0	1574.1	1281.0	1034.2
-17.5°	4489.3	4046.0	3624.1	3209.5	2824.1	2462.3	2120.7	1803.8	1509.4	1237.0	1002.2
-20°	4158.9	3744.2	3339.7	2971.4	2639.2	2313.4	2004.3	1716.2	1441.8	1190.5	969.8



REPORT NUMBER: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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°	3829.5	3465.6	3100.4	2750.0	2457.8	2161.3	1886.4	1625.8	1371.9	1142.0	935.1
-25°	3501.4	3188.8	2866.8	2566.1	2282.0	2020.1	1772.4	1533.2	1300.2	1091.8	898.3
-27.5°	3192.4	2918.8	2632.3	2381.8	2128.4	1881.1	1662.5	1445.4	1230.7	1040.2	859.6
-30°	2897.5	2661.0	2421.8	2201.4	1976.5	1760.0	1552.4	1357.9	1167.4	990.3	819.0
-32.5°	2625.2	2406.6	2221.0	2033.9	1836.8	1639.8	1450.3	1270.7	1103.7	940.6	781.3
-35°	2372.0	2189.2	2026.0	1871.9	1702.0	1530.6	1357.0	1184.5	1040.1	889.5	743.9
-37.5°	2131.0	1996.5	1856.7	1719.7	1567.8	1423.6	1268.9	1113.2	976.8	837.0	705.8
-40°	1932.8	1818.0	1701.3	1575.6	1448.8	1318.9	1180.6	1045.7	915.0	783.3	667.1
-42.5°	1743.9	1654.8	1554.1	1435.7	1338.3	1222.1	1093.7	977.0	855.4	735.0	627.9
-45°	1575.8	1500.2	1414.4	1325.6	1232.4	1126.4	1017.0	907.8	795.7	689.6	589.8
-47.5°	1417.5	1361.2	1291.6	1217.3	1131.3	1034.3	939.5	841.7	735.9	644.2	553.4
-50°	1284.1	1235.6	1179.6	1112.3	1032.1	950.0	863.4	775.9	685.7	599.4	516.3
-52.5°	1168.3	1122.0	1071.9	1009.9	941.6	865.5	793.2	711.4	634.6	556.0	478.5
-55°	1059.6	1014.3	968.4	915.3	854.0	790.5	723.8	654.2	582.6	512.7	440.7
-57.5°	956.9	912.8	873.3	825.7	774.2	718.8	658.7	596.3	532.9	468.8	407.0
-60°	858.2	822.2	783.3	744.2	699.4	649.0	595.2	539.1	483.5	425.5	372.9
-62.5°	767.5	735.0	702.8	667.3	626.1	580.8	532.2	484.5	433.5	386.5	338.3
-65°	682.2	655.5	624.8	591.3	553.7	514.0	473.0	429.5	388.4	347.0	303.6
-67.5°	600.9	576.1	546.4	515.4	485.6	452.3	414.1	379.2	344.3	307.1	269.2
-70°	521.5	497.4	472.6	449.0	422.1	391.7	361.3	330.8	299.8	268.9	234.7
-72.5°	444.9	426.0	406.1	384.7	361.5	336.3	309.4	283.0	258.3	230.6	200.0
-75°	370.5	356.0	340.5	323.1	302.8	281.1	260.1	238.7	216.7	192.2	169.2
-77.5°	298.9	287.6	275.3	262.8	247.2	230.6	212.9	194.5	176.6	158.8	139.7
-80°	231.3	224.2	215.9	206.2	193.5	180.0	167.2	154.2	140.4	125.7	110.0
-82.5°	168.7	163.7	158.0	151.2	142.6	133.7	124.5	115.0	104.1	92.5	81.2
-85°	111.5	107.6	103.0	97.9	92.6	87.2	81.9	76.2	69.0	61.6	54.2
-87.5°	55.4	53.2	50.8	48.3	46.0	43.6	41.0	38.1	34.5	30.8	27.1
-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: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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°	21.8	18.4	14.9	11.3	7.6	3.7	0.0
85°	43.5	36.7	29.7	22.5	15.2	7.5	0.0
82.5°	65.2	55.0	44.5	33.8	22.7	11.2	0.0
80°	88.7	73.2	59.3	44.9	30.2	14.9	0.0
77.5°	126.0	95.5	73.9	56.0	37.7	18.5	0.0
75°	162.9	125.3	89.9	67.0	45.0	22.2	0.0
72.5°	199.1	154.6	112.6	77.9	52.3	25.7	0.0
70°	236.0	183.3	135.0	89.7	59.5	29.3	0.0
67.5°	281.1	211.4	156.8	105.6	66.5	32.7	0.0
65°	325.0	242.7	178.2	121.1	73.4	36.1	0.0
62.5°	367.4	276.8	199.0	136.3	80.1	39.5	0.0
60°	408.3	309.7	219.1	151.1	86.7	42.7	0.0
57.5°	454.4	341.3	243.4	165.4	96.0	45.9	0.0
55°	499.3	371.5	266.9	179.2	105.0	49.0	0.0
52.5°	541.7	401.2	289.4	192.5	113.8	52.0	0.0
50°	581.7	433.7	310.7	205.3	122.2	54.9	0.0
47.5°	619.8	464.3	331.0	218.2	130.4	57.6	0.0
45°	659.6	492.8	350.1	232.4	138.2	60.3	0.0
42.5°	696.2	519.3	367.9	245.8	145.6	62.8	0.0
40°	729.7	543.5	386.0	258.5	152.7	65.2	0.0
37.5°	759.8	565.6	404.1	270.6	159.3	67.5	0.0
35°	786.7	587.6	420.6	281.9	165.6	69.7	0.0
32.5°	812.5	608.3	435.5	292.5	171.5	71.7	0.0
30°	840.2	626.5	448.8	302.2	177.0	73.6	0.0
27.5°	864.2	642.1	461.4	311.0	182.0	75.3	0.0
25°	884.4	655.2	472.6	319.0	186.6	76.9	0.0
22.5°	900.9	666.7	482.2	326.2	190.8	78.3	0.0
20°	913.7	678.1	490.2	332.5	194.5	79.6	0.0
17.5°	925.3	687.5	496.7	338.0	197.8	80.7	0.0
15°	934.6	694.9	501.7	342.6	200.6	81.7	0.0
12.5°	940.3	700.3	505.2	346.3	202.9	82.5	0.0
10°	942.6	703.7	507.3	349.1	204.8	83.2	0.0
7.5°	941.6	705.1	508.0	351.1	206.2	83.7	0.0
5°	937.4	704.6	507.3	352.2	207.1	84.0	0.0
2.5°	930.2	702.1	505.4	352.5	207.5	84.2	0.0
0°	920.3	697.7	502.3	351.9	207.5	84.2	0.0
-2.5°	909.7	691.1	499.9	350.3	207.0	84.3	0.0
-5°	896.7	682.7	496.3	347.9	206.0	84.3	0.0
-7.5°	881.3	672.7	491.6	344.7	204.6	84.1	0.0
-10°	863.6	661.1	485.7	340.7	202.8	83.7	0.0
-12.5°	843.7	648.1	478.8	335.9	200.5	83.2	0.0
-15°	821.9	633.7	470.8	330.5	197.8	82.5	0.0
-17.5°	798.1	618.2	461.7	324.3	194.7	81.6	0.0
-20°	773.5	601.6	451.6	317.4	191.2	80.6	0.0



REPORT NUMBER: P559242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	748.8	583.9	440.5	309.9	187.3	79.4	0.0
-25°	722.7	566.3	428.4	301.8	183.0	78.0	0.0
-27.5°	695.2	547.9	415.4	293.0	178.4	76.5	0.0
-30°	666.4	528.4	401.4	283.6	173.4	74.9	0.0
-32.5°	636.6	507.8	387.1	273.7	168.1	73.0	0.0
-35°	608.8	486.1	371.9	263.3	162.5	71.1	0.0
-37.5°	581.2	464.3	356.0	252.3	156.6	69.0	0.0
-40°	552.6	443.3	339.5	240.9	150.4	66.7	0.0
-42.5°	523.0	421.7	323.0	229.1	143.9	64.3	0.0
-45°	492.6	399.3	306.7	216.8	137.1	61.8	0.0
-47.5°	461.4	376.4	289.8	204.1	130.2	59.1	0.0
-50°	432.8	352.8	272.3	192.7	122.9	56.3	0.0
-52.5°	404.2	328.7	254.2	181.6	115.5	53.4	0.0
-55°	375.2	305.5	235.7	170.1	107.8	50.4	0.0
-57.5°	345.8	281.9	216.7	158.2	99.9	47.3	0.0
-60°	316.1	257.8	197.4	146.1	91.9	44.0	0.0
-62.5°	287.0	233.3	181.0	133.7	85.0	40.7	0.0
-65°	257.5	208.3	164.3	121.1	78.0	37.3	0.0
-67.5°	227.5	185.2	147.3	108.2	70.7	33.8	0.0
-70°	197.2	163.9	130.1	95.1	63.3	30.2	0.0
-72.5°	171.1	142.4	112.7	83.3	55.7	26.6	0.0
-75°	145.4	120.7	95.0	71.7	48.0	22.9	0.0
-77.5°	119.5	98.7	79.1	59.9	40.2	19.2	0.0
-80°	93.4	78.4	63.4	48.0	32.3	15.4	0.0
-82.5°	69.9	58.9	47.7	36.1	24.3	11.6	0.0
-85°	46.6	39.3	31.8	24.1	16.2	7.7	0.0
-87.5°	23.3	19.7	15.9	12.1	8.1	3.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)