

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: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-930-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5B-930-U-NAT-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (80) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

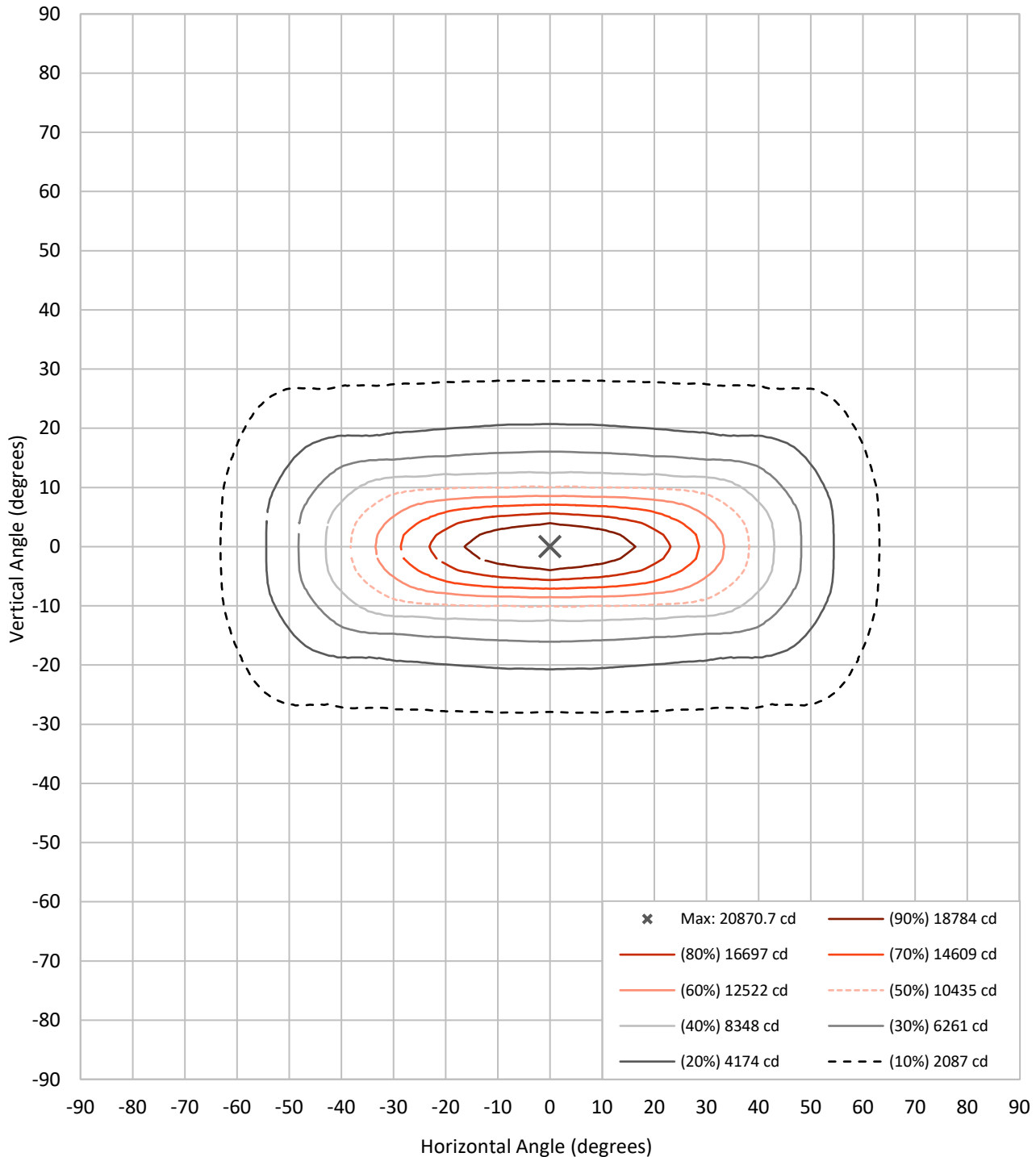
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	14947.2 lumens	Max Intensity:	20870.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	5980.3 lumens	Field Lumens:	12250.8 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 154
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: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-930-U-NAT-XX

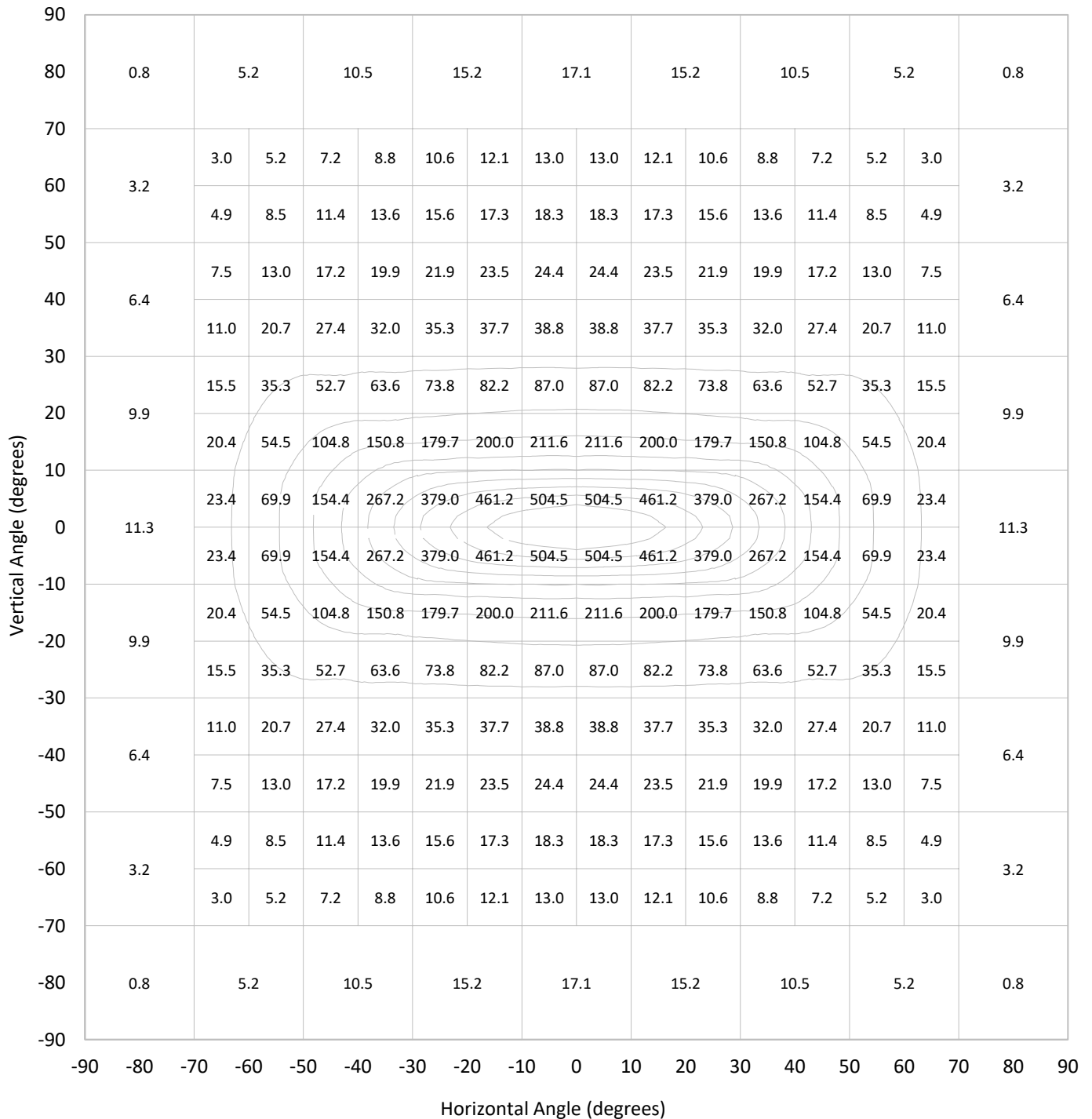
Iso-Candela Plot





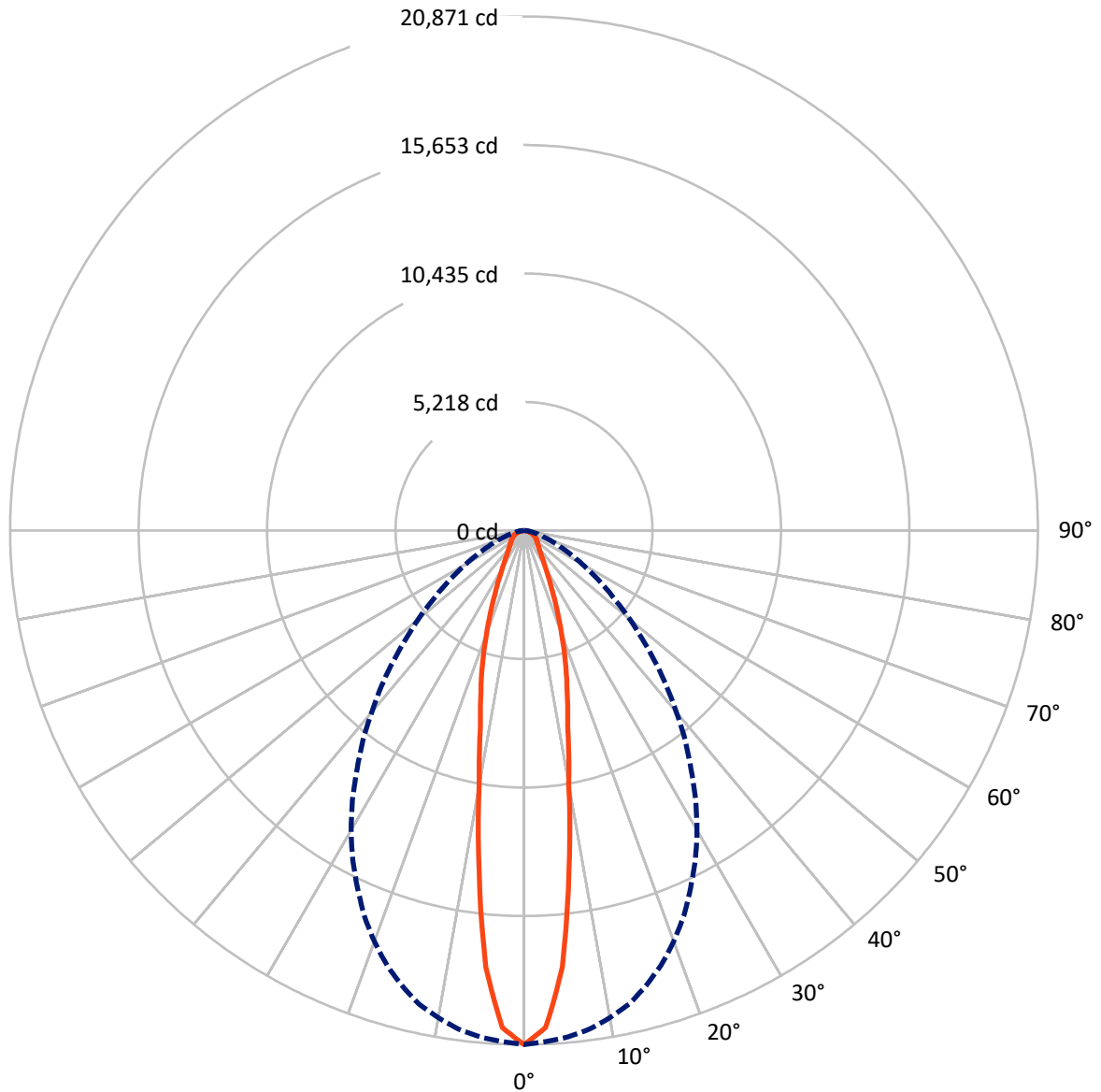
REPORT NUMBER: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-XX

Lumen Table



REPORT NUMBER: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-930-U-NAT-XX

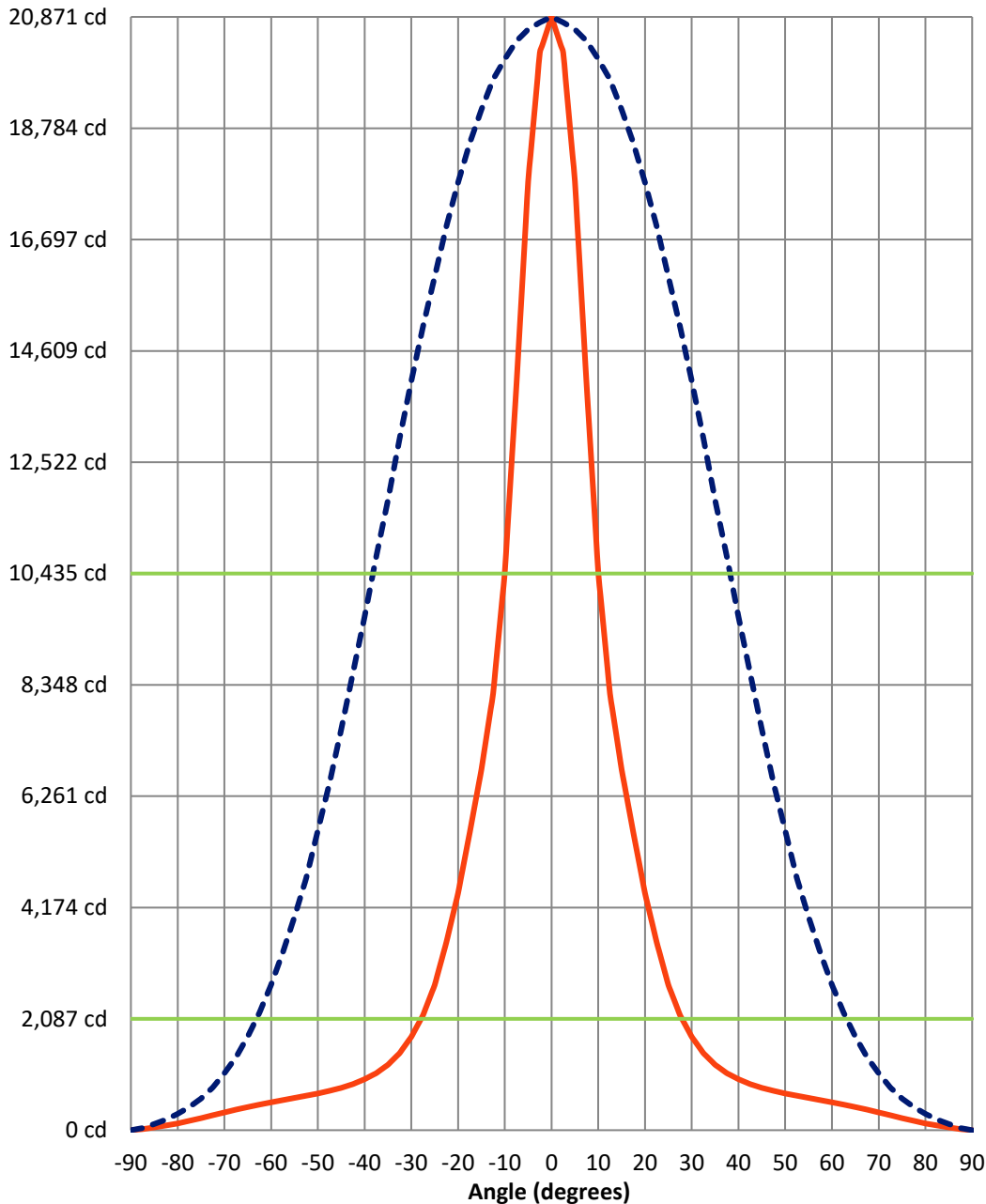
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-XX

Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 5980.3
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 12250.8
 Efficiency: 82.0%

Spill:
 Lumens: 2696.4
 Efficiency: 18.0%

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



REPORT NUMBER: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-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	1.7	3.5	4.9	6.3	7.4	8.3	9.4	10.5	11.4	12.3
85°	0.0	3.5	6.9	9.9	12.5	14.8	16.7	18.9	21.0	22.9	24.6
82.5°	0.0	5.2	10.4	14.8	18.7	22.1	25.0	28.3	32.1	38.2	43.8
80°	0.0	6.9	13.8	19.7	25.0	29.5	34.3	43.5	52.2	60.0	67.0
77.5°	0.0	8.6	17.2	24.6	31.2	39.2	50.4	61.7	72.2	81.7	90.8
75°	0.0	10.3	20.6	29.5	38.3	53.0	66.5	79.8	92.4	105.2	116.1
72.5°	0.0	12.0	23.9	34.3	49.7	66.9	82.5	98.5	115.0	129.4	141.6
70°	0.0	13.6	27.2	39.9	61.0	80.6	98.8	119.2	137.7	153.8	169.6
67.5°	0.0	15.2	30.4	48.5	72.3	94.2	117.4	139.8	160.4	181.4	198.3
65°	0.0	16.8	33.6	57.1	83.3	109.0	135.9	160.4	186.6	209.3	229.2
62.5°	0.0	18.4	36.7	65.5	94.3	124.9	154.4	183.5	212.9	238.4	264.5
60°	0.0	19.9	39.8	73.7	105.1	140.7	172.7	207.6	239.3	271.5	299.9
57.5°	0.0	21.4	45.2	81.9	117.8	156.3	193.6	231.7	268.9	304.7	338.3
55°	0.0	22.8	50.4	89.8	130.4	171.7	214.5	255.7	299.2	339.1	378.8
52.5°	0.0	24.2	55.6	97.6	142.8	187.3	235.1	282.6	329.4	378.0	420.3
50°	0.0	25.6	60.6	105.2	155.0	204.4	255.4	310.0	361.3	417.6	469.8
47.5°	0.0	26.9	65.4	113.0	166.9	221.1	276.0	337.4	397.8	457.9	521.8
45°	0.0	28.1	70.1	121.7	178.5	237.5	299.7	365.0	435.1	507.0	575.7
42.5°	0.0	29.3	74.6	130.2	189.9	253.4	323.3	395.5	472.4	557.3	637.1
40°	0.0	30.5	78.9	138.1	201.5	268.9	346.7	427.8	512.3	608.6	701.7
37.5°	0.0	31.6	83.0	145.5	213.4	283.9	369.8	459.7	557.5	662.4	768.4
35°	0.0	32.6	87.0	152.4	224.9	301.0	392.5	491.2	602.6	721.9	840.6
32.5°	0.0	33.6	90.7	158.8	235.8	318.8	415.8	522.1	647.3	782.1	920.1
30°	0.0	34.5	94.1	164.8	246.2	336.1	440.7	553.9	691.5	842.9	1001.4
27.5°	0.0	35.3	97.4	170.2	254.9	352.8	464.8	589.9	737.8	904.0	1084.1
25°	0.0	36.1	100.4	175.2	262.9	368.7	487.9	624.9	787.7	970.4	1168.1
22.5°	0.0	36.8	103.2	179.7	270.4	382.9	510.0	658.7	836.7	1039.1	1260.0
20°	0.0	37.4	105.8	183.7	277.2	393.8	531.0	691.1	884.4	1106.8	1351.0
17.5°	0.0	38.0	108.0	187.1	283.3	403.3	546.8	721.9	930.5	1173.0	1440.5
15°	0.0	38.4	110.1	190.1	288.8	411.5	558.7	746.1	974.6	1237.2	1527.8
12.5°	0.0	38.9	111.8	192.6	293.6	418.4	568.8	761.9	1006.2	1298.6	1612.0
10°	0.0	39.2	113.3	194.6	297.7	424.0	577.1	774.9	1026.4	1327.6	1677.7
7.5°	0.0	39.5	114.5	196.1	301.0	428.3	583.8	785.3	1042.8	1346.7	1707.4
5°	0.0	39.6	115.4	197.1	303.6	431.2	588.6	792.8	1055.1	1359.9	1730.5
2.5°	0.0	39.8	116.1	197.6	305.3	432.9	591.6	797.5	1063.3	1367.3	1746.5
0°	0.0	39.8	116.4	197.6	306.3	433.4	592.7	799.4	1067.4	1369.1	1755.0
-2.5°	0.0	39.8	116.1	197.6	305.3	432.9	591.6	797.5	1063.3	1367.3	1746.5
-5°	0.0	39.6	115.4	197.1	303.6	431.2	588.6	792.8	1055.1	1359.9	1730.5
-7.5°	0.0	39.5	114.5	196.1	301.0	428.3	583.8	785.3	1042.8	1346.7	1707.4
-10°	0.0	39.2	113.3	194.6	297.7	424.0	577.1	774.9	1026.4	1327.6	1677.7
-12.5°	0.0	38.9	111.8	192.6	293.6	418.4	568.8	761.9	1006.2	1298.6	1612.0
-15°	0.0	38.4	110.1	190.1	288.8	411.5	558.7	746.1	974.6	1237.2	1527.8
-17.5°	0.0	38.0	108.0	187.1	283.3	403.3	546.8	721.9	930.5	1173.0	1440.5
-20°	0.0	37.4	105.8	183.7	277.2	393.8	531.0	691.1	884.4	1106.8	1351.0



REPORT NUMBER: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	36.8	103.2	179.7	270.4	382.9	510.0	658.7	836.7	1039.1	1260.0
-25°	0.0	36.1	100.4	175.2	262.9	368.7	487.9	624.9	787.7	970.4	1168.1
-27.5°	0.0	35.3	97.4	170.2	254.9	352.8	464.8	589.9	737.8	904.0	1084.1
-30°	0.0	34.5	94.1	164.8	246.2	336.1	440.7	553.9	691.5	842.9	1001.4
-32.5°	0.0	33.6	90.7	158.8	235.8	318.8	415.8	522.1	647.3	782.1	920.1
-35°	0.0	32.6	87.0	152.4	224.9	301.0	392.5	491.2	602.6	721.9	840.6
-37.5°	0.0	31.6	83.0	145.5	213.4	283.9	369.8	459.7	557.5	662.4	768.4
-40°	0.0	30.5	78.9	138.1	201.5	268.9	346.7	427.8	512.3	608.6	701.7
-42.5°	0.0	29.3	74.6	130.2	189.9	253.4	323.3	395.5	472.4	557.3	637.1
-45°	0.0	28.1	70.1	121.7	178.5	237.5	299.7	365.0	435.1	507.0	575.7
-47.5°	0.0	26.9	65.4	113.0	166.9	221.1	276.0	337.4	397.8	457.9	521.8
-50°	0.0	25.6	60.6	105.2	155.0	204.4	255.4	310.0	361.3	417.6	469.8
-52.5°	0.0	24.2	55.6	97.6	142.8	187.3	235.1	282.6	329.4	378.0	420.3
-55°	0.0	22.8	50.4	89.8	130.4	171.7	214.5	255.7	299.2	339.1	378.8
-57.5°	0.0	21.4	45.2	81.9	117.8	156.3	193.6	231.7	268.9	304.7	338.3
-60°	0.0	19.9	39.8	73.7	105.1	140.7	172.7	207.6	239.3	271.5	299.9
-62.5°	0.0	18.4	36.7	65.5	94.3	124.9	154.4	183.5	212.9	238.4	264.5
-65°	0.0	16.8	33.6	57.1	83.3	109.0	135.9	160.4	186.6	209.3	229.2
-67.5°	0.0	15.2	30.4	48.5	72.3	94.2	117.4	139.8	160.4	181.4	198.3
-70°	0.0	13.6	27.2	39.9	61.0	80.6	98.8	119.2	137.7	153.8	169.6
-72.5°	0.0	12.0	23.9	34.3	49.7	66.9	82.5	98.5	115.0	129.4	141.6
-75°	0.0	10.3	20.6	29.5	38.3	53.0	66.5	79.8	92.4	105.2	116.1
-77.5°	0.0	8.6	17.2	24.6	31.2	39.2	50.4	61.7	72.2	81.7	90.8
-80°	0.0	6.9	13.8	19.7	25.0	29.5	34.3	43.5	52.2	60.0	67.0
-82.5°	0.0	5.2	10.4	14.8	18.7	22.1	25.0	28.3	32.1	38.2	43.8
-85°	0.0	3.5	6.9	9.9	12.5	14.8	16.7	18.9	21.0	22.9	24.6
-87.5°	0.0	1.7	3.5	4.9	6.3	7.4	8.3	9.4	10.5	11.4	12.3
-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: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-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°	13.3	14.2	15.0	15.8	16.6	17.2	17.8	18.4	19.2	19.9	20.6
85°	26.5	28.3	31.4	33.9	36.2	38.2	39.9	41.3	42.7	44.0	44.9
82.5°	48.7	52.8	56.1	58.5	61.3	63.8	65.9	67.7	69.7	71.4	73.0
80°	72.8	77.4	82.2	86.4	90.5	93.6	95.5	96.3	98.8	101.9	105.1
77.5°	98.8	105.8	112.0	117.3	121.7	125.5	128.3	129.9	133.8	138.3	142.2
75°	125.7	134.2	142.8	150.3	156.2	160.7	163.9	166.5	171.2	177.0	182.0
72.5°	153.7	165.2	175.3	184.1	192.1	198.2	202.7	205.7	210.3	217.2	222.8
70°	183.1	196.3	210.1	221.4	229.9	237.1	243.0	247.2	251.4	258.4	263.5
67.5°	213.6	232.5	247.7	259.7	269.2	278.0	284.8	289.2	291.0	298.1	303.9
65°	249.6	269.7	286.7	300.2	309.7	320.6	328.1	331.8	333.0	340.7	347.9
62.5°	286.2	308.5	327.1	342.5	354.9	365.3	373.7	378.4	379.2	384.9	393.2
60°	325.3	348.1	370.3	388.9	402.1	412.7	421.9	426.9	427.9	430.2	439.7
57.5°	366.0	390.7	416.6	437.4	452.8	461.6	471.6	477.1	479.4	478.0	487.8
55°	410.3	436.0	465.3	489.5	505.9	513.9	523.2	531.2	534.0	532.2	538.0
52.5°	460.5	486.1	517.3	543.9	562.2	571.8	578.5	588.1	592.5	590.5	589.3
50°	513.3	545.5	571.2	601.7	623.8	636.5	636.6	648.6	654.3	652.5	644.6
47.5°	573.1	609.3	628.8	663.7	692.5	707.4	708.4	713.1	720.2	722.1	715.3
45°	637.6	681.8	702.8	733.9	766.2	784.4	789.9	781.3	794.1	798.0	793.8
42.5°	705.5	762.0	795.1	807.7	845.3	870.6	880.4	874.4	873.7	882.6	882.5
40°	784.0	848.9	898.6	911.7	930.7	965.6	986.3	985.2	962.0	978.6	982.9
37.5°	868.0	952.2	1013.7	1041.0	1026.6	1073.2	1103.5	1115.8	1101.4	1085.1	1103.6
35°	956.3	1062.8	1145.6	1192.2	1194.3	1193.2	1240.7	1266.1	1267.8	1238.1	1244.8
32.5°	1055.1	1180.1	1289.8	1365.2	1399.4	1378.3	1390.7	1444.1	1470.3	1458.9	1416.1
30°	1161.2	1314.6	1449.2	1555.5	1632.0	1654.5	1603.5	1645.2	1703.2	1726.4	1707.8
27.5°	1268.6	1457.4	1628.0	1775.4	1893.8	1969.0	1970.7	1906.3	1972.1	2027.9	2049.5
25°	1377.6	1600.2	1817.6	2017.3	2196.6	2325.7	2385.1	2392.0	2300.0	2383.7	2461.6
22.5°	1493.8	1747.2	2005.1	2275.0	2524.9	2714.4	2858.4	2945.2	2942.4	2854.6	2923.1
20°	1616.8	1907.1	2207.5	2527.6	2868.5	3128.9	3370.3	3554.9	3666.0	3702.9	3631.0
17.5°	1739.5	2068.5	2419.9	2801.3	3195.6	3556.7	3918.5	4213.0	4446.4	4638.0	4706.5
15°	1860.8	2229.5	2633.2	3076.8	3532.4	3984.4	4449.5	4900.6	5297.8	5648.3	5856.2
12.5°	1979.2	2388.2	2844.8	3351.0	3873.9	4418.0	4973.0	5522.6	6094.7	6662.5	7094.1
10°	2093.4	2542.8	3052.0	3620.4	4215.1	4851.5	5495.5	6147.7	6842.8	7512.4	8157.2
7.5°	2142.3	2643.9	3230.6	3881.4	4550.5	5278.3	6010.2	6767.3	7579.4	8360.8	9148.1
5°	2172.4	2684.0	3280.7	3958.8	4703.2	5556.8	6430.1	7367.9	8294.6	9194.3	10122.0
2.5°	2192.4	2711.5	3314.2	3989.3	4725.9	5602.6	6486.8	7460.6	8500.4	9540.6	10645.0
0°	2202.2	2726.0	3330.9	3998.6	4723.0	5617.4	6508.7	7513.3	8567.0	9625.2	10755.4
-2.5°	2192.4	2711.5	3314.2	3989.3	4725.9	5602.6	6486.8	7460.6	8500.4	9540.6	10645.0
-5°	2172.4	2684.0	3280.7	3958.8	4703.2	5556.8	6430.1	7367.9	8294.6	9194.3	10122.0
-7.5°	2142.3	2643.9	3230.6	3881.4	4550.5	5278.3	6010.2	6767.3	7579.4	8360.8	9148.1
-10°	2093.4	2542.8	3052.0	3620.4	4215.1	4851.5	5495.5	6147.7	6842.8	7512.4	8157.2
-12.5°	1979.2	2388.2	2844.8	3351.0	3873.9	4418.0	4973.0	5522.6	6094.7	6662.5	7094.1
-15°	1860.8	2229.5	2633.2	3076.8	3532.4	3984.4	4449.5	4900.6	5297.8	5648.3	5856.2
-17.5°	1739.5	2068.5	2419.9	2801.3	3195.6	3556.7	3918.5	4213.0	4446.4	4638.0	4706.5
-20°	1616.8	1907.1	2207.5	2527.6	2868.5	3128.9	3370.3	3554.9	3666.0	3702.9	3631.0



REPORT NUMBER: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1493.8	1747.2	2005.1	2275.0	2524.9	2714.4	2858.4	2945.2	2942.4	2854.6	2923.1
-25°	1377.6	1600.2	1817.6	2017.3	2196.6	2325.7	2385.1	2392.0	2300.0	2383.7	2461.6
-27.5°	1268.6	1457.4	1628.0	1775.4	1893.8	1969.0	1970.7	1906.3	1972.1	2027.9	2049.5
-30°	1161.2	1314.6	1449.2	1555.5	1632.0	1654.5	1603.5	1645.2	1703.2	1726.4	1707.8
-32.5°	1055.1	1180.1	1289.8	1365.2	1399.4	1378.3	1390.7	1444.1	1470.3	1458.9	1416.1
-35°	956.3	1062.8	1145.6	1192.2	1194.3	1193.2	1240.7	1266.1	1267.8	1238.1	1244.8
-37.5°	868.0	952.2	1013.7	1041.0	1026.6	1073.2	1103.5	1115.8	1101.4	1085.1	1103.6
-40°	784.0	848.9	898.6	911.7	930.7	965.6	986.3	985.2	962.0	978.6	982.9
-42.5°	705.5	762.0	795.1	807.7	845.3	870.6	880.4	874.4	873.7	882.6	882.5
-45°	637.6	681.8	702.8	733.9	766.2	784.4	789.9	781.3	794.1	798.0	793.8
-47.5°	573.1	609.3	628.8	663.7	692.5	707.4	708.4	713.1	720.2	722.1	715.3
-50°	513.3	545.5	571.2	601.7	623.8	636.5	636.6	648.6	654.3	652.5	644.6
-52.5°	460.5	486.1	517.3	543.9	562.2	571.8	578.5	588.1	592.5	590.5	589.3
-55°	410.3	436.0	465.3	489.5	505.9	513.9	523.2	531.2	534.0	532.2	538.0
-57.5°	366.0	390.7	416.6	437.4	452.8	461.6	471.6	477.1	479.4	478.0	487.8
-60°	325.3	348.1	370.3	388.9	402.1	412.7	421.9	426.9	427.9	430.2	439.7
-62.5°	286.2	308.5	327.1	342.5	354.9	365.3	373.7	378.4	379.2	384.9	393.2
-65°	249.6	269.7	286.7	300.2	309.7	320.6	328.1	331.8	333.0	340.7	347.9
-67.5°	213.6	232.5	247.7	259.7	269.2	278.0	284.8	289.2	291.0	298.1	303.9
-70°	183.1	196.3	210.1	221.4	229.9	237.1	243.0	247.2	251.4	258.4	263.5
-72.5°	153.7	165.2	175.3	184.1	192.1	198.2	202.7	205.7	210.3	217.2	222.8
-75°	125.7	134.2	142.8	150.3	156.2	160.7	163.9	166.5	171.2	177.0	182.0
-77.5°	98.8	105.8	112.0	117.3	121.7	125.5	128.3	129.9	133.8	138.3	142.2
-80°	72.8	77.4	82.2	86.4	90.5	93.6	95.5	96.3	98.8	101.9	105.1
-82.5°	48.7	52.8	56.1	58.5	61.3	63.8	65.9	67.7	69.7	71.4	73.0
-85°	26.5	28.3	31.4	33.9	36.2	38.2	39.9	41.3	42.7	44.0	44.9
-87.5°	13.3	14.2	15.0	15.8	16.6	17.2	17.8	18.4	19.2	19.9	20.6
-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: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-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°	21.3	21.0	20.5	20.0	19.4	19.4	19.4	19.3	19.2	19.1	18.9
85°	45.6	46.5	47.3	48.1	48.8	49.6	50.3	50.9	51.3	51.3	51.1
82.5°	74.3	76.8	79.2	81.6	83.7	84.9	85.8	86.4	86.7	87.4	87.9
80°	107.8	111.4	114.8	117.6	119.9	121.6	122.9	124.0	124.8	125.7	126.3
77.5°	145.8	149.8	153.7	157.1	160.1	162.8	165.1	167.0	168.4	170.5	172.4
75°	186.2	190.8	195.6	199.9	203.7	207.7	211.7	215.4	218.6	221.4	223.4
72.5°	227.1	231.9	237.8	243.3	248.4	253.8	259.2	263.9	268.0	271.8	275.2
70°	267.4	272.0	279.6	286.9	293.8	300.3	306.7	312.5	317.6	322.5	327.0
67.5°	309.1	313.9	323.3	331.8	339.4	346.6	354.1	360.8	366.6	371.8	376.3
65°	353.6	357.8	368.0	377.3	385.4	392.1	400.1	407.4	414.0	419.7	424.6
62.5°	399.6	403.8	412.2	421.4	429.0	435.4	445.0	453.2	460.2	466.0	470.8
60°	446.2	449.8	456.3	466.4	475.0	482.1	490.4	498.4	505.2	510.9	516.1
57.5°	494.7	498.3	501.5	511.6	519.9	526.3	533.6	541.5	548.0	553.4	558.7
55°	544.7	547.6	546.6	556.0	563.7	568.9	574.4	582.7	589.2	594.0	598.8
52.5°	595.9	599.3	597.0	601.0	609.4	614.1	616.4	625.4	632.1	636.4	640.8
50°	652.9	655.7	653.6	651.3	659.5	664.4	665.7	672.9	679.0	682.3	685.5
47.5°	714.8	718.1	716.4	707.5	714.7	720.9	721.1	724.2	730.5	733.0	734.9
45°	782.0	788.4	787.0	780.7	779.7	786.0	785.5	783.0	790.2	793.5	794.5
42.5°	870.2	868.1	870.1	866.5	855.3	862.5	863.4	854.3	863.4	867.4	865.1
40°	978.1	958.4	969.3	967.7	957.3	955.7	961.3	953.9	955.3	961.0	956.6
37.5°	1106.5	1092.5	1086.6	1091.5	1088.4	1075.1	1085.7	1083.1	1074.8	1084.2	1080.0
35°	1264.7	1260.5	1228.8	1248.1	1252.1	1239.5	1243.1	1248.6	1230.4	1244.7	1243.2
32.5°	1449.6	1459.0	1452.1	1440.2	1458.3	1460.6	1439.7	1464.8	1454.7	1458.3	1468.1
30°	1659.0	1707.0	1730.4	1709.5	1720.8	1743.1	1732.9	1750.3	1758.6	1745.6	1770.3
27.5°	2024.8	2007.7	2063.7	2088.1	2062.1	2102.8	2132.5	2119.3	2162.7	2137.0	2173.7
25°	2489.7	2464.6	2479.6	2560.2	2578.1	2557.4	2640.9	2650.7	2685.1	2689.3	2714.8
22.5°	3035.8	3096.3	3089.2	3113.7	3215.0	3248.8	3279.7	3359.9	3341.7	3414.5	3427.1
20°	3646.5	3798.4	3903.1	3925.1	3968.4	4084.8	4138.1	4201.5	4244.0	4312.9	4371.2
17.5°	4679.6	4601.7	4807.0	4936.0	5003.8	5028.0	5168.3	5214.0	5319.2	5379.4	5439.1
15°	6006.0	6051.4	5958.7	6081.7	6289.3	6359.5	6278.9	6467.1	6520.0	6621.4	6639.3
12.5°	7423.8	7653.3	7765.8	7796.4	7687.9	7983.3	8101.6	7953.0	8121.5	8091.2	8229.8
10°	8776.5	9334.2	9668.0	9902.8	10045.5	10131.5	10216.9	10370.5	10373.1	10486.9	10420.5
7.5°	9887.1	10594.2	11269.6	11924.8	12448.9	12742.7	12973.4	13194.6	13489.9	13631.3	13723.2
5°	10973.7	11789.4	12597.6	13391.8	14111.0	14803.0	15481.1	16069.4	16381.1	16745.4	17070.2
2.5°	11676.5	12708.3	13740.4	14762.6	15593.7	16356.2	17062.0	17717.6	18292.7	18824.7	19274.0
0°	11813.7	12968.4	14045.0	15064.9	16000.7	16942.5	17764.9	18506.1	19132.5	19697.6	20078.9
-2.5°	11676.5	12708.3	13740.4	14762.6	15593.7	16356.2	17062.0	17717.6	18292.7	18824.7	19274.0
-5°	10973.7	11789.4	12597.6	13391.8	14111.0	14803.0	15481.1	16069.4	16381.1	16745.4	17070.2
-7.5°	9887.1	10594.2	11269.6	11924.8	12448.9	12742.7	12973.4	13194.6	13489.9	13631.3	13723.2
-10°	8776.5	9334.2	9668.0	9902.8	10045.5	10131.5	10216.9	10370.5	10373.1	10486.9	10420.5
-12.5°	7423.8	7653.3	7765.8	7796.4	7687.9	7983.3	8101.6	7953.0	8121.5	8091.2	8229.8
-15°	6006.0	6051.4	5958.7	6081.7	6289.3	6359.5	6278.9	6467.1	6520.0	6621.4	6639.3
-17.5°	4679.6	4601.7	4807.1	4936.0	5003.8	5028.0	5168.3	5214.0	5319.2	5379.4	5439.1
-20°	3646.5	3798.4	3903.1	3925.1	3968.4	4084.8	4138.1	4201.5	4244.0	4312.9	4371.2



REPORT NUMBER: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3035.8	3096.3	3089.2	3113.7	3215.0	3248.8	3279.7	3359.9	3341.7	3414.5	3427.1
-25°	2489.7	2464.6	2479.6	2560.2	2578.1	2557.4	2640.9	2650.7	2685.1	2689.3	2714.8
-27.5°	2024.8	2007.7	2063.7	2088.1	2062.1	2102.8	2132.5	2119.3	2162.7	2137.0	2173.7
-30°	1659.0	1707.0	1730.4	1709.5	1720.8	1743.1	1732.9	1750.3	1758.6	1745.6	1770.3
-32.5°	1449.6	1459.0	1452.1	1440.2	1458.3	1460.6	1439.7	1464.8	1454.7	1458.3	1468.1
-35°	1264.7	1260.5	1228.8	1248.1	1252.1	1239.5	1243.1	1248.6	1230.4	1244.7	1243.2
-37.5°	1106.5	1092.5	1086.6	1091.5	1088.4	1075.1	1085.7	1083.1	1074.8	1084.2	1080.0
-40°	978.1	958.4	969.3	967.7	957.3	955.7	961.3	953.9	955.3	961.0	956.6
-42.5°	870.2	868.1	870.1	866.5	855.3	862.5	863.4	854.3	863.4	867.4	865.1
-45°	782.0	788.4	787.0	780.7	779.7	786.0	785.5	783.0	790.2	793.5	794.5
-47.5°	714.8	718.1	716.4	707.5	714.7	720.9	721.1	724.2	730.5	733.0	734.9
-50°	652.9	655.7	653.6	651.3	659.5	664.4	665.7	672.9	679.0	682.3	685.5
-52.5°	595.9	599.3	597.0	601.0	609.4	614.1	616.4	625.4	632.1	636.4	640.8
-55°	544.7	547.6	546.6	556.0	563.7	568.9	574.4	582.7	589.2	594.0	598.8
-57.5°	494.7	498.3	501.5	511.6	519.9	526.3	533.6	541.5	548.0	553.4	558.7
-60°	446.2	449.8	456.3	466.4	475.0	482.1	490.4	498.4	505.2	510.9	516.1
-62.5°	399.6	403.8	412.2	421.4	429.0	435.4	445.0	453.2	460.2	466.0	470.8
-65°	353.6	357.8	368.0	377.3	385.4	392.1	400.1	407.4	414.0	419.7	424.6
-67.5°	309.1	313.9	323.3	331.8	339.4	346.6	354.1	360.8	366.6	371.8	376.3
-70°	267.4	272.0	279.6	286.9	293.8	300.3	306.7	312.5	317.6	322.5	327.0
-72.5°	227.1	231.9	237.8	243.3	248.4	253.8	259.2	263.9	268.0	271.8	275.2
-75°	186.2	190.8	195.6	199.9	203.7	207.7	211.7	215.4	218.6	221.4	223.4
-77.5°	145.8	149.8	153.7	157.1	160.1	162.8	165.1	167.0	168.4	170.5	172.4
-80°	107.8	111.4	114.8	117.6	119.9	121.6	122.9	124.0	124.8	125.7	126.3
-82.5°	74.3	76.8	79.2	81.6	83.7	84.9	85.8	86.4	86.7	87.4	87.9
-85°	45.6	46.5	47.3	48.1	48.8	49.6	50.3	50.9	51.3	51.3	51.1
-87.5°	21.3	21.0	20.5	20.0	19.4	19.4	19.4	19.3	19.2	19.1	18.9
-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: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-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°	18.6	18.3	19.1	19.9	19.1	18.3	18.6	18.9	19.1	19.2	19.3
85°	50.7	50.3	51.2	52.1	51.2	50.3	50.7	51.1	51.3	51.3	50.9
82.5°	88.2	88.4	88.7	88.8	88.7	88.4	88.2	87.9	87.4	86.7	86.4
80°	126.6	126.5	126.2	125.6	126.2	126.5	126.6	126.3	125.7	124.8	124.0
77.5°	174.0	175.2	175.9	176.1	175.9	175.2	174.0	172.4	170.5	168.4	167.0
75°	224.8	225.6	225.6	225.1	225.6	225.6	224.8	223.4	221.4	218.6	215.4
72.5°	278.0	280.3	280.7	280.3	280.7	280.3	278.0	275.2	271.8	268.0	263.9
70°	330.7	333.6	333.5	332.3	333.5	333.6	330.7	327.0	322.5	317.6	312.5
67.5°	379.9	382.6	384.6	385.9	384.6	382.6	379.9	376.3	371.8	366.6	360.8
65°	428.4	431.3	432.9	433.4	432.9	431.3	428.4	424.6	419.7	414.0	407.4
62.5°	474.6	477.2	478.8	479.3	478.8	477.2	474.6	470.8	466.0	460.2	453.2
60°	520.1	523.0	523.4	522.2	523.4	523.0	520.1	516.1	510.9	505.2	498.4
57.5°	562.9	565.8	565.7	563.6	565.7	565.8	562.9	558.7	553.4	548.0	541.5
55°	602.3	604.5	605.3	604.9	605.3	604.5	602.3	598.8	594.0	589.2	582.7
52.5°	644.1	645.8	646.6	646.3	646.6	645.8	644.1	640.8	636.4	632.1	625.4
50°	687.7	688.0	687.9	687.6	687.9	688.0	687.7	685.5	682.3	679.0	672.9
47.5°	737.6	738.1	738.2	738.2	738.2	738.1	737.6	734.9	733.0	730.5	724.2
45°	796.5	794.8	793.2	793.3	793.2	794.8	796.5	794.5	793.5	790.2	783.0
42.5°	867.2	865.4	863.2	863.7	863.2	865.4	867.2	865.1	867.4	863.4	854.3
40°	960.4	959.9	956.7	955.6	956.7	959.9	960.4	956.6	961.0	955.3	953.9
37.5°	1080.7	1078.9	1071.9	1069.0	1071.9	1078.9	1080.7	1080.0	1084.2	1074.8	1083.1
35°	1238.9	1236.6	1225.9	1226.7	1225.9	1236.6	1238.9	1243.2	1244.7	1230.4	1248.6
32.5°	1463.2	1464.0	1447.9	1444.2	1447.9	1464.0	1463.2	1468.1	1458.3	1454.7	1464.8
30°	1754.9	1761.3	1742.3	1750.5	1742.3	1761.3	1754.9	1770.3	1745.6	1758.6	1750.3
27.5°	2173.0	2185.2	2168.4	2154.8	2168.4	2185.2	2173.0	2173.7	2137.0	2162.7	2119.3
25°	2748.3	2757.4	2738.3	2721.4	2738.3	2757.4	2748.3	2714.8	2689.3	2685.1	2650.7
22.5°	3497.3	3496.7	3495.7	3522.4	3495.7	3496.7	3497.3	3427.1	3414.5	3341.7	3359.9
20°	4408.8	4386.7	4419.8	4441.2	4419.8	4386.7	4408.8	4371.2	4312.9	4244.0	4201.5
17.5°	5453.0	5494.4	5526.1	5579.1	5526.1	5494.4	5453.0	5439.1	5379.4	5319.2	5214.0
15°	6684.3	6746.7	6778.4	6761.4	6778.4	6746.7	6684.3	6639.3	6621.4	6520.0	6467.1
12.5°	8234.7	8309.2	8254.2	8185.6	8254.2	8309.2	8234.7	8229.8	8091.2	8121.5	7953.0
10°	10421.4	10581.9	10591.0	10456.8	10591.0	10581.9	10421.4	10420.5	10486.9	10373.1	10370.5
7.5°	13776.6	13854.6	13973.1	13979.1	13973.1	13854.6	13776.6	13723.2	13631.3	13489.9	13194.6
5°	17217.5	17425.3	17559.2	17790.9	17559.2	17425.3	17217.5	17070.2	16745.4	16381.1	16069.4
2.5°	19564.1	19832.8	19935.9	20198.4	19935.9	19832.8	19564.1	19274.0	18824.7	18292.7	17717.6
0°	20418.9	20636.4	20766.6	20870.7	20766.6	20636.4	20418.9	20078.9	19697.6	19132.5	18506.1
-2.5°	19564.1	19832.8	19935.9	20198.4	19935.9	19832.8	19564.1	19274.0	18824.7	18292.7	17717.6
-5°	17217.5	17425.3	17559.2	17790.9	17559.2	17425.3	17217.5	17070.2	16745.4	16381.1	16069.4
-7.5°	13776.6	13854.6	13973.1	13979.1	13973.1	13854.6	13776.6	13723.2	13631.3	13489.9	13194.6
-10°	10421.4	10581.9	10591.0	10456.8	10591.0	10581.9	10421.4	10420.5	10486.9	10373.1	10370.5
-12.5°	8234.7	8309.2	8254.2	8185.6	8254.2	8309.2	8234.7	8229.8	8091.2	8121.5	7953.0
-15°	6684.3	6746.7	6778.4	6761.4	6778.4	6746.7	6684.3	6639.3	6621.4	6520.0	6467.1
-17.5°	5453.0	5494.4	5526.1	5579.1	5526.1	5494.4	5453.0	5439.1	5379.4	5319.2	5214.0
-20°	4408.8	4386.7	4419.8	4441.2	4419.8	4386.7	4408.8	4371.2	4312.9	4244.0	4201.5



REPORT NUMBER: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3497.3	3496.7	3495.7	3522.4	3495.7	3496.7	3497.3	3427.1	3414.5	3341.7	3359.9
-25°	2748.3	2757.4	2738.3	2721.4	2738.3	2757.4	2748.3	2714.8	2689.3	2685.1	2650.7
-27.5°	2173.0	2185.2	2168.4	2154.8	2168.4	2185.2	2173.0	2173.7	2137.0	2162.7	2119.3
-30°	1754.9	1761.3	1742.3	1750.5	1742.3	1761.3	1754.9	1770.3	1745.6	1758.6	1750.3
-32.5°	1463.2	1464.0	1447.9	1444.2	1447.9	1464.0	1463.2	1468.1	1458.3	1454.7	1464.8
-35°	1238.9	1236.6	1225.9	1226.7	1225.9	1236.6	1238.9	1243.2	1244.7	1230.4	1248.6
-37.5°	1080.7	1078.9	1071.9	1069.0	1071.9	1078.9	1080.7	1080.0	1084.2	1074.8	1083.1
-40°	960.4	959.9	956.7	955.6	956.7	959.9	960.4	956.6	961.0	955.3	953.9
-42.5°	867.2	865.4	863.2	863.7	863.2	865.4	867.2	865.1	867.4	863.4	854.3
-45°	796.5	794.8	793.2	793.3	793.2	794.8	796.5	794.5	793.5	790.2	783.0
-47.5°	737.6	738.1	738.2	738.2	738.2	738.1	737.6	734.9	733.0	730.5	724.2
-50°	687.7	688.0	687.9	687.6	687.9	688.0	687.7	685.5	682.3	679.0	672.9
-52.5°	644.1	645.8	646.6	646.3	646.6	645.8	644.1	640.8	636.4	632.1	625.4
-55°	602.3	604.5	605.3	604.9	605.3	604.5	602.3	598.8	594.0	589.2	582.7
-57.5°	562.9	565.8	565.7	563.6	565.7	565.8	562.9	558.7	553.4	548.0	541.5
-60°	520.1	523.0	523.4	522.2	523.4	523.0	520.1	516.1	510.9	505.2	498.4
-62.5°	474.6	477.2	478.8	479.3	478.8	477.2	474.6	470.8	466.0	460.2	453.2
-65°	428.4	431.3	432.9	433.4	432.9	431.3	428.4	424.6	419.7	414.0	407.4
-67.5°	379.9	382.6	384.6	385.9	384.6	382.6	379.9	376.3	371.8	366.6	360.8
-70°	330.7	333.6	333.5	332.3	333.5	333.6	330.7	327.0	322.5	317.6	312.5
-72.5°	278.0	280.3	280.7	280.3	280.7	280.3	278.0	275.2	271.8	268.0	263.9
-75°	224.8	225.6	225.6	225.1	225.6	225.6	224.8	223.4	221.4	218.6	215.4
-77.5°	174.0	175.2	175.9	176.1	175.9	175.2	174.0	172.4	170.5	168.4	167.0
-80°	126.6	126.5	126.2	125.6	126.2	126.5	126.6	126.3	125.7	124.8	124.0
-82.5°	88.2	88.4	88.7	88.8	88.7	88.4	88.2	87.9	87.4	86.7	86.4
-85°	50.7	50.3	51.2	52.1	51.2	50.3	50.7	51.1	51.3	51.3	50.9
-87.5°	18.6	18.3	19.1	19.9	19.1	18.3	18.6	18.9	19.1	19.2	19.3
-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: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-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°	19.4	19.4	19.4	20.0	20.5	21.0	21.3	20.6	19.9	19.2	18.4
85°	50.3	49.6	48.8	48.1	47.3	46.5	45.6	44.9	44.0	42.7	41.3
82.5°	85.8	84.9	83.7	81.6	79.2	76.8	74.3	73.0	71.4	69.7	67.7
80°	122.9	121.6	119.9	117.6	114.8	111.4	107.8	105.1	101.9	98.8	96.3
77.5°	165.1	162.8	160.1	157.1	153.7	149.8	145.8	142.2	138.3	133.8	129.9
75°	211.7	207.7	203.7	199.9	195.6	190.8	186.2	182.0	177.0	171.2	166.5
72.5°	259.2	253.8	248.4	243.3	237.8	231.9	227.1	222.8	217.2	210.3	205.7
70°	306.7	300.3	293.8	286.9	279.6	272.0	267.4	263.5	258.4	251.4	247.2
67.5°	354.1	346.6	339.4	331.8	323.3	313.9	309.1	303.9	298.1	291.0	289.2
65°	400.1	392.1	385.4	377.3	368.0	357.8	353.6	347.9	340.7	333.0	331.8
62.5°	445.0	435.4	429.0	421.4	412.2	403.8	399.6	393.2	384.9	379.2	378.4
60°	490.4	482.1	475.0	466.4	456.3	449.8	446.2	439.7	430.2	427.9	426.9
57.5°	533.6	526.3	519.9	511.6	501.5	498.3	494.7	487.8	478.0	479.4	477.1
55°	574.4	568.9	563.7	556.0	546.6	547.6	544.7	538.0	532.2	534.0	531.2
52.5°	616.4	614.1	609.4	601.0	597.0	599.3	595.9	589.3	590.5	592.5	588.1
50°	665.7	664.4	659.5	651.3	653.6	655.7	652.9	644.6	652.5	654.3	648.6
47.5°	721.1	720.9	714.7	707.5	716.4	718.1	714.8	715.3	722.1	720.2	713.1
45°	785.5	786.0	779.7	780.7	787.0	788.4	782.0	793.8	798.0	794.1	781.3
42.5°	863.4	862.5	855.3	866.5	870.1	868.1	870.2	882.5	882.6	873.7	874.4
40°	961.3	955.7	957.3	967.7	969.3	958.4	978.1	982.9	978.6	962.0	985.2
37.5°	1085.7	1075.1	1088.4	1091.5	1086.6	1092.5	1106.5	1103.6	1085.1	1101.4	1115.8
35°	1243.1	1239.5	1252.1	1248.1	1228.8	1260.5	1264.7	1244.8	1238.1	1267.8	1266.1
32.5°	1439.7	1460.6	1458.3	1440.2	1452.1	1459.0	1449.6	1416.1	1458.9	1470.3	1444.1
30°	1732.9	1743.1	1720.8	1709.5	1730.4	1707.0	1659.0	1707.8	1726.4	1703.2	1645.2
27.5°	2132.5	2102.8	2062.1	2088.1	2063.7	2007.7	2024.8	2049.5	2027.9	1972.1	1906.3
25°	2640.9	2557.4	2578.1	2560.2	2479.6	2464.6	2489.7	2461.6	2383.7	2300.0	2392.0
22.5°	3279.7	3248.8	3215.0	3113.7	3089.2	3096.3	3035.8	2923.1	2854.6	2942.4	2945.2
20°	4138.1	4084.8	3968.4	3925.1	3903.1	3798.4	3646.5	3631.0	3702.9	3666.0	3554.9
17.5°	5168.3	5028.0	5003.8	4936.0	4807.0	4601.7	4679.6	4706.5	4638.0	4446.4	4213.0
15°	6278.9	6359.5	6289.3	6081.7	5958.7	6051.4	6006.0	5856.2	5648.3	5297.8	4900.6
12.5°	8101.6	7983.3	7687.9	7796.4	7765.8	7653.3	7423.8	7094.1	6662.5	6094.7	5522.6
10°	10216.9	10131.5	10045.5	9902.8	9668.0	9334.2	8776.5	8157.2	7512.4	6842.8	6147.7
7.5°	12973.4	12742.7	12448.9	11924.8	11269.6	10594.2	9887.1	9148.1	8360.8	7579.4	6767.3
5°	15481.1	14803.0	14111.0	13391.8	12597.6	11789.4	10973.7	10122.0	9194.3	8294.6	7367.9
2.5°	17062.0	16356.2	15593.7	14762.6	13740.4	12708.3	11676.5	10645.0	9540.6	8500.4	7460.6
0°	17764.9	16942.5	16000.7	15064.9	14045.0	12968.4	11813.7	10755.4	9625.2	8567.0	7513.3
-2.5°	17062.0	16356.2	15593.7	14762.6	13740.4	12708.3	11676.5	10645.0	9540.6	8500.4	7460.6
-5°	15481.1	14803.0	14111.0	13391.8	12597.6	11789.4	10973.7	10122.0	9194.3	8294.6	7367.9
-7.5°	12973.4	12742.7	12448.9	11924.8	11269.6	10594.2	9887.1	9148.1	8360.8	7579.4	6767.3
-10°	10216.9	10131.5	10045.5	9902.8	9668.0	9334.2	8776.5	8157.2	7512.4	6842.8	6147.7
-12.5°	8101.6	7983.3	7687.9	7796.4	7765.8	7653.3	7423.8	7094.1	6662.5	6094.7	5522.6
-15°	6278.9	6359.5	6289.3	6081.7	5958.7	6051.4	6006.0	5856.2	5648.3	5297.8	4900.6
-17.5°	5168.3	5028.0	5003.8	4936.0	4807.1	4601.7	4679.6	4706.5	4638.0	4446.4	4213.0
-20°	4138.1	4084.8	3968.4	3925.1	3903.1	3798.4	3646.5	3631.0	3702.9	3666.0	3554.9



REPORT NUMBER: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3279.7	3248.8	3215.0	3113.7	3089.2	3096.3	3035.8	2923.1	2854.6	2942.4	2945.2
-25°	2640.9	2557.4	2578.1	2560.2	2479.6	2464.6	2489.7	2461.6	2383.7	2300.0	2392.0
-27.5°	2132.5	2102.8	2062.1	2088.1	2063.7	2007.7	2024.8	2049.5	2027.9	1972.1	1906.3
-30°	1732.9	1743.1	1720.8	1709.5	1730.4	1707.0	1659.0	1707.8	1726.4	1703.2	1645.2
-32.5°	1439.7	1460.6	1458.3	1440.2	1452.1	1459.0	1449.6	1416.1	1458.9	1470.3	1444.1
-35°	1243.1	1239.5	1252.1	1248.1	1228.8	1260.5	1264.7	1244.8	1238.1	1267.8	1266.1
-37.5°	1085.7	1075.1	1088.4	1091.5	1086.6	1092.5	1106.5	1103.6	1085.1	1101.4	1115.8
-40°	961.3	955.7	957.3	967.7	969.3	958.4	978.1	982.9	978.6	962.0	985.2
-42.5°	863.4	862.5	855.3	866.5	870.1	868.1	870.2	882.5	882.6	873.7	874.4
-45°	785.5	786.0	779.7	780.7	787.0	788.4	782.0	793.8	798.0	794.1	781.3
-47.5°	721.1	720.9	714.7	707.5	716.4	718.1	714.8	715.3	722.1	720.2	713.1
-50°	665.7	664.4	659.5	651.3	653.6	655.7	652.9	644.6	652.5	654.3	648.6
-52.5°	616.4	614.1	609.4	601.0	597.0	599.3	595.9	589.3	590.5	592.5	588.1
-55°	574.4	568.9	563.7	556.0	546.6	547.6	544.7	538.0	532.2	534.0	531.2
-57.5°	533.6	526.3	519.9	511.6	501.5	498.3	494.7	487.8	478.0	479.4	477.1
-60°	490.4	482.1	475.0	466.4	456.3	449.8	446.2	439.7	430.2	427.9	426.9
-62.5°	445.0	435.4	429.0	421.4	412.2	403.8	399.6	393.2	384.9	379.2	378.4
-65°	400.1	392.1	385.4	377.3	368.0	357.8	353.6	347.9	340.7	333.0	331.8
-67.5°	354.1	346.6	339.4	331.8	323.3	313.9	309.1	303.9	298.1	291.0	289.2
-70°	306.7	300.3	293.8	286.9	279.6	272.0	267.4	263.5	258.4	251.4	247.2
-72.5°	259.2	253.8	248.4	243.3	237.8	231.9	227.1	222.8	217.2	210.3	205.7
-75°	211.7	207.7	203.7	199.9	195.6	190.8	186.2	182.0	177.0	171.2	166.5
-77.5°	165.1	162.8	160.1	157.1	153.7	149.8	145.8	142.2	138.3	133.8	129.9
-80°	122.9	121.6	119.9	117.6	114.8	111.4	107.8	105.1	101.9	98.8	96.3
-82.5°	85.8	84.9	83.7	81.6	79.2	76.8	74.3	73.0	71.4	69.7	67.7
-85°	50.3	49.6	48.8	48.1	47.3	46.5	45.6	44.9	44.0	42.7	41.3
-87.5°	19.4	19.4	19.4	20.0	20.5	21.0	21.3	20.6	19.9	19.2	18.4
-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: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-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°	17.8	17.2	16.6	15.8	15.0	14.2	13.3	12.3	11.4	10.5	9.4
85°	39.9	38.2	36.2	33.9	31.4	28.3	26.5	24.6	22.9	21.0	18.9
82.5°	65.9	63.8	61.3	58.5	56.1	52.8	48.7	43.8	38.2	32.1	28.3
80°	95.5	93.6	90.5	86.4	82.2	77.4	72.8	67.0	60.0	52.2	43.5
77.5°	128.3	125.5	121.7	117.3	112.0	105.8	98.8	90.8	81.7	72.2	61.7
75°	163.9	160.7	156.2	150.3	142.8	134.2	125.7	116.1	105.2	92.4	79.8
72.5°	202.7	198.2	192.1	184.1	175.3	165.2	153.7	141.6	129.4	115.0	98.5
70°	243.0	237.1	229.9	221.4	210.1	196.3	183.1	169.6	153.8	137.7	119.2
67.5°	284.8	278.0	269.2	259.7	247.7	232.5	213.6	198.3	181.4	160.4	139.8
65°	328.1	320.6	309.7	300.2	286.7	269.7	249.6	229.2	209.3	186.6	160.4
62.5°	373.7	365.3	354.9	342.5	327.1	308.5	286.2	264.5	238.4	212.9	183.5
60°	421.9	412.7	402.1	388.9	370.3	348.1	325.3	299.9	271.5	239.3	207.6
57.5°	471.6	461.6	452.8	437.4	416.6	390.7	366.0	338.3	304.7	268.9	231.7
55°	523.2	513.9	505.9	489.5	465.3	436.0	410.3	378.8	339.1	299.2	255.7
52.5°	578.5	571.8	562.2	543.9	517.3	486.1	460.5	420.3	378.0	329.4	282.6
50°	636.6	636.5	623.8	601.7	571.2	545.5	513.3	469.8	417.6	361.3	310.0
47.5°	708.4	707.4	692.5	663.7	628.8	609.3	573.1	521.8	457.9	397.8	337.4
45°	789.9	784.4	766.2	733.9	702.8	681.8	637.6	575.7	507.0	435.1	365.0
42.5°	880.4	870.6	845.3	807.7	795.1	762.0	705.5	637.1	557.3	472.4	395.5
40°	986.3	965.6	930.7	911.7	898.6	848.9	784.0	701.7	608.6	512.3	427.8
37.5°	1103.5	1073.2	1026.6	1041.0	1013.7	952.2	868.0	768.4	662.4	557.5	459.7
35°	1240.7	1193.2	1194.3	1192.2	1145.6	1062.8	956.3	840.6	721.9	602.6	491.2
32.5°	1390.7	1378.3	1399.4	1365.2	1289.8	1180.1	1055.1	920.1	782.1	647.3	522.1
30°	1603.5	1654.5	1632.0	1555.5	1449.2	1314.6	1161.2	1001.4	842.9	691.5	553.9
27.5°	1970.7	1969.0	1893.8	1775.4	1628.0	1457.4	1268.6	1084.1	904.0	737.8	589.9
25°	2385.1	2325.7	2196.6	2017.3	1817.6	1600.2	1377.6	1168.1	970.4	787.7	624.9
22.5°	2858.4	2714.4	2524.9	2275.0	2005.1	1747.2	1493.8	1260.0	1039.1	836.7	658.7
20°	3370.3	3128.9	2868.5	2527.6	2207.5	1907.1	1616.8	1351.0	1106.8	884.4	691.1
17.5°	3918.5	3556.7	3195.6	2801.3	2419.9	2068.5	1739.5	1440.5	1173.0	930.5	721.9
15°	4449.5	3984.4	3532.4	3076.8	2633.2	2229.5	1860.8	1527.8	1237.2	974.6	746.1
12.5°	4973.0	4418.0	3873.9	3351.0	2844.8	2388.2	1979.2	1612.0	1298.6	1006.2	761.9
10°	5495.5	4851.5	4215.1	3620.4	3052.0	2542.8	2093.4	1677.7	1327.6	1026.4	774.9
7.5°	6010.2	5278.3	4550.5	3881.4	3230.6	2643.9	2142.3	1707.4	1346.7	1042.8	785.3
5°	6430.1	5556.8	4703.2	3958.8	3280.7	2684.0	2172.4	1730.5	1359.9	1055.1	792.8
2.5°	6486.8	5602.6	4725.9	3989.3	3314.2	2711.5	2192.4	1746.5	1367.3	1063.3	797.5
0°	6508.7	5617.4	4723.0	3998.6	3330.9	2726.0	2202.2	1755.0	1369.1	1067.4	799.4
-2.5°	6486.8	5602.6	4725.9	3989.3	3314.2	2711.5	2192.4	1746.5	1367.3	1063.3	797.5
-5°	6430.1	5556.8	4703.2	3958.8	3280.7	2684.0	2172.4	1730.5	1359.9	1055.1	792.8
-7.5°	6010.2	5278.3	4550.5	3881.4	3230.6	2643.9	2142.3	1707.4	1346.7	1042.8	785.3
-10°	5495.5	4851.5	4215.1	3620.4	3052.0	2542.8	2093.4	1677.7	1327.6	1026.4	774.9
-12.5°	4973.0	4418.0	3873.9	3351.0	2844.8	2388.2	1979.2	1612.0	1298.6	1006.2	761.9
-15°	4449.5	3984.4	3532.4	3076.8	2633.2	2229.5	1860.8	1527.8	1237.2	974.6	746.1
-17.5°	3918.5	3556.7	3195.6	2801.3	2419.9	2068.5	1739.5	1440.5	1173.0	930.5	721.9
-20°	3370.3	3128.9	2868.5	2527.6	2207.5	1907.1	1616.8	1351.0	1106.8	884.4	691.1



REPORT NUMBER: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2858.4	2714.4	2524.9	2275.0	2005.1	1747.2	1493.8	1260.0	1039.1	836.7	658.7
-25°	2385.1	2325.7	2196.6	2017.3	1817.6	1600.2	1377.6	1168.1	970.4	787.7	624.9
-27.5°	1970.7	1969.0	1893.8	1775.4	1628.0	1457.4	1268.6	1084.1	904.0	737.8	589.9
-30°	1603.5	1654.5	1632.0	1555.5	1449.2	1314.6	1161.2	1001.4	842.9	691.5	553.9
-32.5°	1390.7	1378.3	1399.4	1365.2	1289.8	1180.1	1055.1	920.1	782.1	647.3	522.1
-35°	1240.7	1193.2	1194.3	1192.2	1145.6	1062.8	956.3	840.6	721.9	602.6	491.2
-37.5°	1103.5	1073.2	1026.6	1041.0	1013.7	952.2	868.0	768.4	662.4	557.5	459.7
-40°	986.3	965.6	930.7	911.7	898.6	848.9	784.0	701.7	608.6	512.3	427.8
-42.5°	880.4	870.6	845.3	807.7	795.1	762.0	705.5	637.1	557.3	472.4	395.5
-45°	789.9	784.4	766.2	733.9	702.8	681.8	637.6	575.7	507.0	435.1	365.0
-47.5°	708.4	707.4	692.5	663.7	628.8	609.3	573.1	521.8	457.9	397.8	337.4
-50°	636.6	636.5	623.8	601.7	571.2	545.5	513.3	469.8	417.6	361.3	310.0
-52.5°	578.5	571.8	562.2	543.9	517.3	486.1	460.5	420.3	378.0	329.4	282.6
-55°	523.2	513.9	505.9	489.5	465.3	436.0	410.3	378.8	339.1	299.2	255.7
-57.5°	471.6	461.6	452.8	437.4	416.6	390.7	366.0	338.3	304.7	268.9	231.7
-60°	421.9	412.7	402.1	388.9	370.3	348.1	325.3	299.9	271.5	239.3	207.6
-62.5°	373.7	365.3	354.9	342.5	327.1	308.5	286.2	264.5	238.4	212.9	183.5
-65°	328.1	320.6	309.7	300.2	286.7	269.7	249.6	229.2	209.3	186.6	160.4
-67.5°	284.8	278.0	269.2	259.7	247.7	232.5	213.6	198.3	181.4	160.4	139.8
-70°	243.0	237.1	229.9	221.4	210.1	196.3	183.1	169.6	153.8	137.7	119.2
-72.5°	202.7	198.2	192.1	184.1	175.3	165.2	153.7	141.6	129.4	115.0	98.5
-75°	163.9	160.7	156.2	150.3	142.8	134.2	125.7	116.1	105.2	92.4	79.8
-77.5°	128.3	125.5	121.7	117.3	112.0	105.8	98.8	90.8	81.7	72.2	61.7
-80°	95.5	93.6	90.5	86.4	82.2	77.4	72.8	67.0	60.0	52.2	43.5
-82.5°	65.9	63.8	61.3	58.5	56.1	52.8	48.7	43.8	38.2	32.1	28.3
-85°	39.9	38.2	36.2	33.9	31.4	28.3	26.5	24.6	22.9	21.0	18.9
-87.5°	17.8	17.2	16.6	15.8	15.0	14.2	13.3	12.3	11.4	10.5	9.4
-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: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-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°	8.3	7.4	6.3	4.9	3.5	1.7	0.0
85°	16.7	14.8	12.5	9.9	6.9	3.5	0.0
82.5°	25.0	22.1	18.7	14.8	10.4	5.2	0.0
80°	34.3	29.5	25.0	19.7	13.8	6.9	0.0
77.5°	50.4	39.2	31.2	24.6	17.2	8.6	0.0
75°	66.5	53.0	38.3	29.5	20.6	10.3	0.0
72.5°	82.5	66.9	49.7	34.3	23.9	12.0	0.0
70°	98.8	80.6	61.0	39.9	27.2	13.6	0.0
67.5°	117.4	94.2	72.3	48.5	30.4	15.2	0.0
65°	135.9	109.0	83.3	57.1	33.6	16.8	0.0
62.5°	154.4	124.9	94.3	65.5	36.7	18.4	0.0
60°	172.7	140.7	105.1	73.7	39.8	19.9	0.0
57.5°	193.6	156.3	117.8	81.9	45.2	21.4	0.0
55°	214.5	171.7	130.4	89.8	50.4	22.8	0.0
52.5°	235.1	187.3	142.8	97.6	55.6	24.2	0.0
50°	255.4	204.4	155.0	105.2	60.6	25.6	0.0
47.5°	276.0	221.1	166.9	113.0	65.4	26.9	0.0
45°	299.7	237.5	178.5	121.7	70.1	28.1	0.0
42.5°	323.3	253.4	189.9	130.2	74.6	29.3	0.0
40°	346.7	268.9	201.5	138.1	78.9	30.5	0.0
37.5°	369.8	283.9	213.4	145.5	83.0	31.6	0.0
35°	392.5	301.0	224.9	152.4	87.0	32.6	0.0
32.5°	415.8	318.8	235.8	158.8	90.7	33.6	0.0
30°	440.7	336.1	246.2	164.8	94.1	34.5	0.0
27.5°	464.8	352.8	254.9	170.2	97.4	35.3	0.0
25°	487.9	368.7	262.9	175.2	100.4	36.1	0.0
22.5°	510.0	382.9	270.4	179.7	103.2	36.8	0.0
20°	531.0	393.8	277.2	183.7	105.8	37.4	0.0
17.5°	546.8	403.3	283.3	187.1	108.0	38.0	0.0
15°	558.7	411.5	288.8	190.1	110.1	38.4	0.0
12.5°	568.8	418.4	293.6	192.6	111.8	38.9	0.0
10°	577.1	424.0	297.7	194.6	113.3	39.2	0.0
7.5°	583.8	428.3	301.0	196.1	114.5	39.5	0.0
5°	588.6	431.2	303.6	197.1	115.4	39.6	0.0
2.5°	591.6	432.9	305.3	197.6	116.1	39.8	0.0
0°	592.7	433.4	306.3	197.6	116.4	39.8	0.0
-2.5°	591.6	432.9	305.3	197.6	116.1	39.8	0.0
-5°	588.6	431.2	303.6	197.1	115.4	39.6	0.0
-7.5°	583.8	428.3	301.0	196.1	114.5	39.5	0.0
-10°	577.1	424.0	297.7	194.6	113.3	39.2	0.0
-12.5°	568.8	418.4	293.6	192.6	111.8	38.9	0.0
-15°	558.7	411.5	288.8	190.1	110.1	38.4	0.0
-17.5°	546.8	403.3	283.3	187.1	108.0	38.0	0.0
-20°	531.0	393.8	277.2	183.7	105.8	37.4	0.0



REPORT NUMBER: P559014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	510.0	382.9	270.4	179.7	103.2	36.8	0.0
-25°	487.9	368.7	262.9	175.2	100.4	36.1	0.0
-27.5°	464.8	352.8	254.9	170.2	97.4	35.3	0.0
-30°	440.7	336.1	246.2	164.8	94.1	34.5	0.0
-32.5°	415.8	318.8	235.8	158.8	90.7	33.6	0.0
-35°	392.5	301.0	224.9	152.4	87.0	32.6	0.0
-37.5°	369.8	283.9	213.4	145.5	83.0	31.6	0.0
-40°	346.7	268.9	201.5	138.1	78.9	30.5	0.0
-42.5°	323.3	253.4	189.9	130.2	74.6	29.3	0.0
-45°	299.7	237.5	178.5	121.7	70.1	28.1	0.0
-47.5°	276.0	221.1	166.9	113.0	65.4	26.9	0.0
-50°	255.4	204.4	155.0	105.2	60.6	25.6	0.0
-52.5°	235.1	187.3	142.8	97.6	55.6	24.2	0.0
-55°	214.5	171.7	130.4	89.8	50.4	22.8	0.0
-57.5°	193.6	156.3	117.8	81.9	45.2	21.4	0.0
-60°	172.7	140.7	105.1	73.7	39.8	19.9	0.0
-62.5°	154.4	124.9	94.3	65.5	36.7	18.4	0.0
-65°	135.9	109.0	83.3	57.1	33.6	16.8	0.0
-67.5°	117.4	94.2	72.3	48.5	30.4	15.2	0.0
-70°	98.8	80.6	61.0	39.9	27.2	13.6	0.0
-72.5°	82.5	66.9	49.7	34.3	23.9	12.0	0.0
-75°	66.5	53.0	38.3	29.5	20.6	10.3	0.0
-77.5°	50.4	39.2	31.2	24.6	17.2	8.6	0.0
-80°	34.3	29.5	25.0	19.7	13.8	6.9	0.0
-82.5°	25.0	22.1	18.7	14.8	10.4	5.2	0.0
-85°	16.7	14.8	12.5	9.9	6.9	3.5	0.0
-87.5°	8.3	7.4	6.3	4.9	3.5	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)