

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: P558974 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-927-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558974 (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-SA4E-927-U-NAT-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

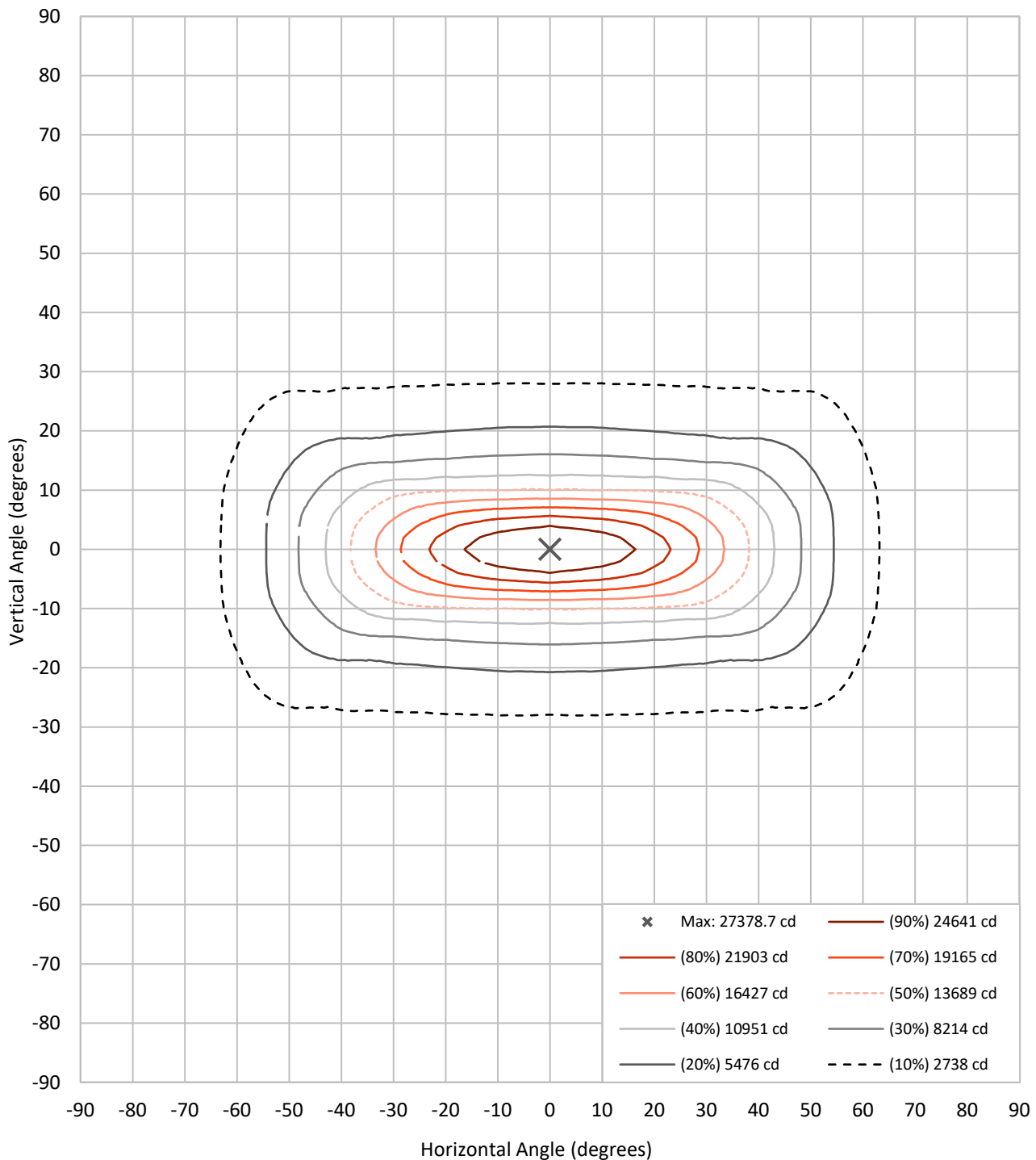
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	19608.1 lumens	Max Intensity:	27378.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	78.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	7845.1 lumens	Field Lumens:	16070.9 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 250
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



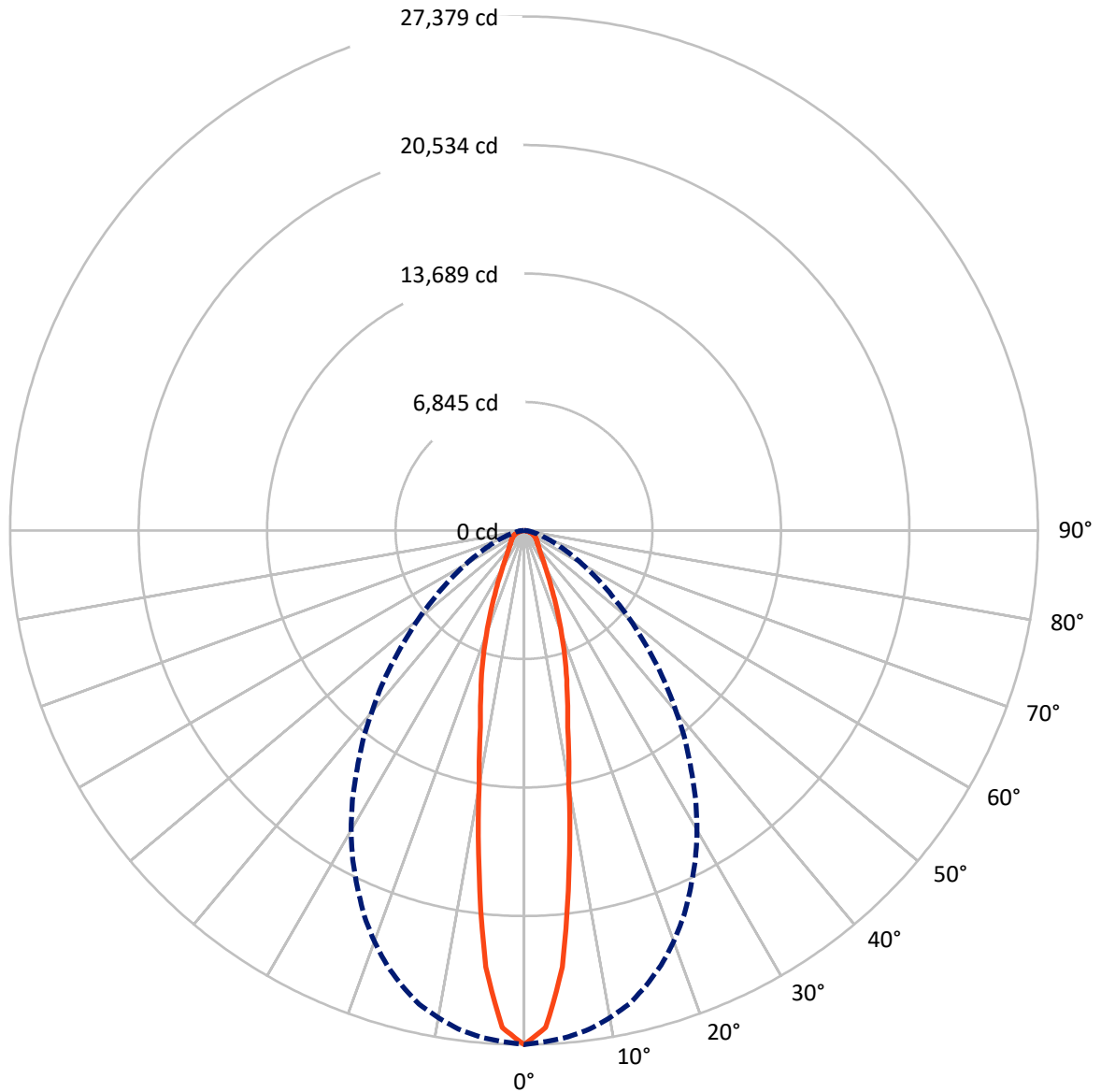
REPORT NUMBER: P558974 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-927-U-NAT-XX

Iso-Candela Plot



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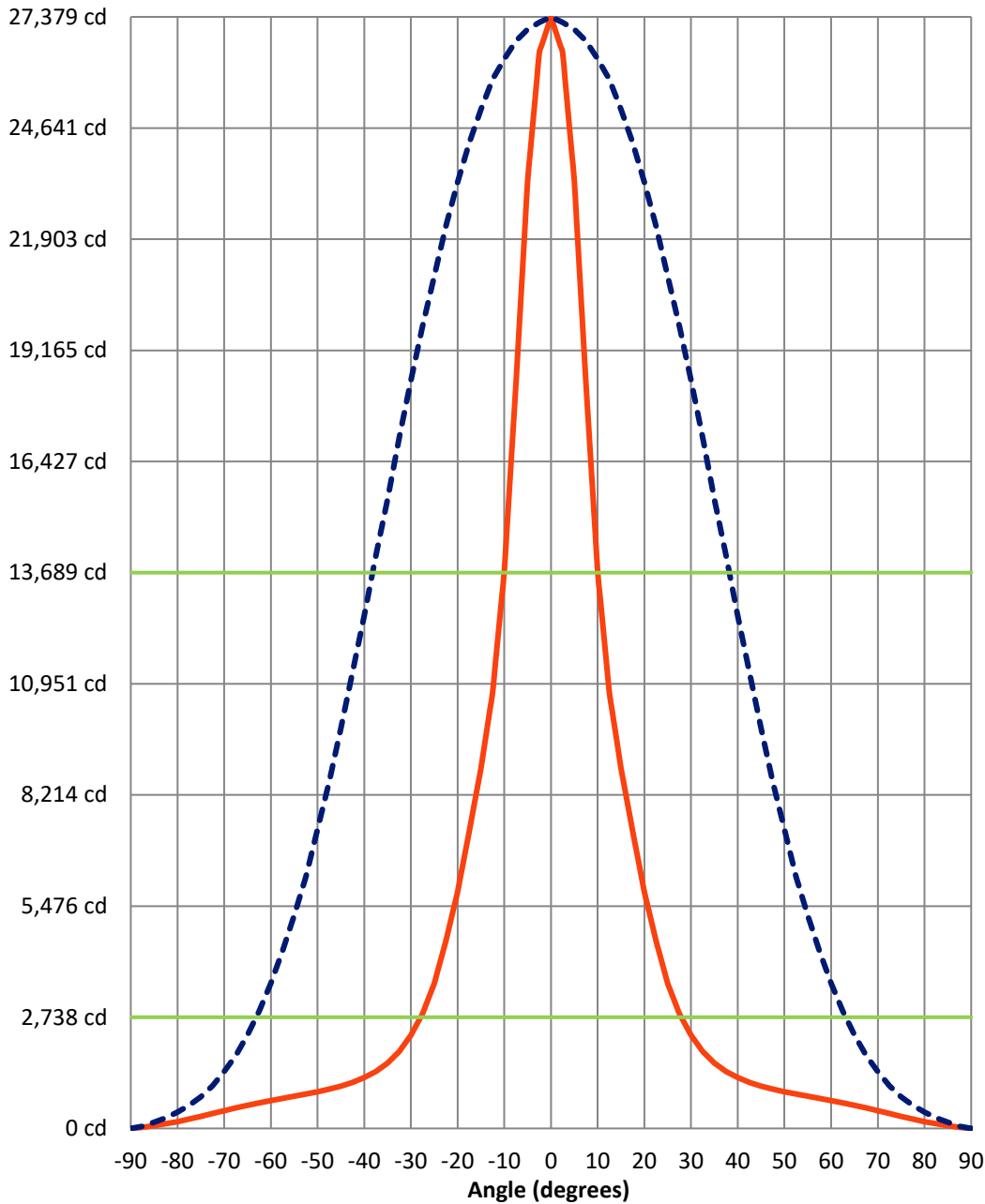
Luminous Intensity Polar Plot



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

REPORT NUMBER: P558974 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-927-U-NAT-XX

Luminous Intensity Plot



Beam:
H Angle: 76.4°
V Angle: 20°
Lumens: 7845.1
Efficiency: 40.0%

Field:
H Angle: 126.3°
V Angle: 55.8°
Lumens: 16070.9
Efficiency: 82.0%

Spill:
Lumens: 3537.2
Efficiency: 18.0%

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



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 CATALOG NUMBER: GFLD-SA4E-927-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	2.3	4.5	6.5	8.2	9.7	10.9	12.4	13.7	15.0	16.1
85°	0.0	4.5	9.1	13.0	16.4	19.3	21.8	24.8	27.5	30.0	32.3
82.5°	0.0	6.8	13.6	19.4	24.6	29.0	32.8	37.1	42.1	50.2	57.5
80°	0.0	9.1	18.1	25.9	32.7	38.7	44.9	57.1	68.4	78.7	88.0
77.5°	0.0	11.3	22.6	32.3	40.9	51.3	66.1	80.9	94.7	107.2	119.1
75°	0.0	13.5	27.0	38.7	50.2	69.6	87.2	104.6	121.2	138.0	152.3
72.5°	0.0	15.7	31.4	45.0	65.2	87.7	108.2	129.2	150.9	169.7	185.7
70°	0.0	17.8	35.7	52.3	80.1	105.7	129.6	156.3	180.5	201.6	222.4
67.5°	0.0	20.0	39.9	63.7	94.8	123.6	154.0	183.4	210.3	237.9	260.1
65°	0.0	22.1	44.1	74.8	109.3	142.9	178.3	210.4	244.7	274.5	300.7
62.5°	0.0	24.1	48.2	85.9	123.7	163.8	202.5	240.7	279.2	312.7	346.9
60°	0.0	26.1	52.2	96.7	137.9	184.5	226.6	272.3	313.9	356.1	393.4
57.5°	0.0	28.0	59.2	107.4	154.5	205.0	253.9	303.9	352.7	399.6	443.7
55°	0.0	29.9	66.2	117.8	171.1	225.3	281.3	335.4	392.4	444.8	496.9
52.5°	0.0	31.8	72.9	128.1	187.4	245.7	308.4	370.7	432.1	495.9	551.4
50°	0.0	33.5	79.5	138.0	203.3	268.1	335.0	406.6	474.0	547.9	616.3
47.5°	0.0	35.3	85.8	148.2	219.0	290.1	362.0	442.7	521.8	600.7	684.5
45°	0.0	36.9	92.0	159.7	234.2	311.5	393.2	478.8	570.8	665.1	755.2
42.5°	0.0	38.5	97.9	170.8	249.1	332.4	424.2	518.9	619.7	731.1	835.7
40°	0.0	40.0	103.5	181.2	264.4	352.8	454.8	561.2	672.1	798.4	920.4
37.5°	0.0	41.4	108.9	190.9	280.0	372.5	485.1	603.1	731.4	868.8	1007.9
35°	0.0	42.8	114.1	199.9	295.0	394.8	515.0	644.4	790.4	946.9	1102.7
32.5°	0.0	44.0	118.9	208.4	309.4	418.3	545.5	684.9	849.1	1026.0	1207.0
30°	0.0	45.2	123.5	216.2	323.0	440.9	578.2	726.7	907.1	1105.7	1313.6
27.5°	0.0	46.3	127.8	223.3	334.4	462.8	609.7	773.9	967.8	1185.9	1422.2
25°	0.0	47.3	131.8	229.9	344.9	483.7	640.1	819.8	1033.3	1273.0	1532.4
22.5°	0.0	48.2	135.4	235.7	354.7	502.4	669.1	864.1	1097.6	1363.1	1652.9
20°	0.0	49.1	138.7	241.0	363.6	516.6	696.7	906.6	1160.1	1452.0	1772.3
17.5°	0.0	49.8	141.7	245.5	371.7	529.1	717.4	947.0	1220.6	1538.8	1889.8
15°	0.0	50.4	144.4	249.4	378.9	539.9	732.9	978.8	1278.5	1623.0	2004.3
12.5°	0.0	51.0	146.7	252.7	385.2	548.9	746.2	999.4	1320.0	1703.6	2114.7
10°	0.0	51.4	148.6	255.2	390.5	556.2	757.2	1016.6	1346.5	1741.6	2200.9
7.5°	0.0	51.8	150.2	257.2	394.9	561.8	765.8	1030.1	1367.9	1766.6	2239.9
5°	0.0	52.0	151.4	258.5	398.2	565.7	772.1	1040.0	1384.1	1783.9	2270.2
2.5°	0.0	52.2	152.2	259.2	400.6	567.9	776.0	1046.2	1395.0	1793.7	2291.1
0°	0.0	52.2	152.7	259.2	401.8	568.5	777.5	1048.7	1400.3	1796.0	2302.3
-2.5°	0.0	52.2	152.2	259.2	400.6	567.9	776.0	1046.2	1395.0	1793.7	2291.1
-5°	0.0	52.0	151.4	258.5	398.2	565.7	772.1	1040.0	1384.1	1783.9	2270.2
-7.5°	0.0	51.8	150.2	257.2	394.9	561.8	765.8	1030.1	1367.9	1766.6	2239.9
-10°	0.0	51.4	148.6	255.2	390.5	556.2	757.2	1016.6	1346.5	1741.6	2200.9
-12.5°	0.0	51.0	146.7	252.7	385.2	548.9	746.2	999.4	1320.0	1703.6	2114.7
-15°	0.0	50.4	144.4	249.4	378.9	539.9	732.9	978.8	1278.5	1623.0	2004.3
-17.5°	0.0	49.8	141.7	245.5	371.7	529.1	717.4	947.0	1220.6	1538.8	1889.8
-20°	0.0	49.1	138.7	241.0	363.6	516.6	696.7	906.6	1160.1	1452.0	1772.3



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 CATALOG NUMBER: GFLD-SA4E-927-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	48.2	135.4	235.7	354.7	502.4	669.1	864.1	1097.6	1363.1	1652.9
-25°	0.0	47.3	131.8	229.9	344.9	483.7	640.1	819.8	1033.3	1273.0	1532.4
-27.5°	0.0	46.3	127.8	223.3	334.4	462.8	609.7	773.9	967.8	1185.9	1422.2
-30°	0.0	45.2	123.5	216.2	323.0	440.9	578.2	726.7	907.1	1105.7	1313.6
-32.5°	0.0	44.0	118.9	208.4	309.4	418.3	545.5	684.9	849.1	1026.0	1207.0
-35°	0.0	42.8	114.1	199.9	295.0	394.8	515.0	644.4	790.4	946.9	1102.7
-37.5°	0.0	41.4	108.9	190.9	280.0	372.5	485.1	603.1	731.4	868.8	1007.9
-40°	0.0	40.0	103.5	181.2	264.4	352.8	454.8	561.2	672.1	798.4	920.4
-42.5°	0.0	38.5	97.9	170.8	249.1	332.4	424.2	518.9	619.7	731.1	835.7
-45°	0.0	36.9	92.0	159.7	234.2	311.5	393.2	478.8	570.8	665.1	755.2
-47.5°	0.0	35.3	85.8	148.2	219.0	290.1	362.0	442.7	521.8	600.7	684.5
-50°	0.0	33.5	79.5	138.0	203.3	268.1	335.0	406.6	474.0	547.9	616.3
-52.5°	0.0	31.8	72.9	128.1	187.4	245.7	308.4	370.7	432.1	495.9	551.4
-55°	0.0	29.9	66.2	117.8	171.1	225.3	281.3	335.4	392.4	444.8	496.9
-57.5°	0.0	28.0	59.2	107.4	154.5	205.0	253.9	303.9	352.7	399.6	443.7
-60°	0.0	26.1	52.2	96.7	137.9	184.5	226.6	272.3	313.9	356.1	393.4
-62.5°	0.0	24.1	48.2	85.9	123.7	163.8	202.5	240.7	279.2	312.7	346.9
-65°	0.0	22.1	44.1	74.8	109.3	142.9	178.3	210.4	244.7	274.5	300.7
-67.5°	0.0	20.0	39.9	63.7	94.8	123.6	154.0	183.4	210.3	237.9	260.1
-70°	0.0	17.8	35.7	52.3	80.1	105.7	129.6	156.3	180.5	201.6	222.4
-72.5°	0.0	15.7	31.4	45.0	65.2	87.7	108.2	129.2	150.9	169.7	185.7
-75°	0.0	13.5	27.0	38.7	50.2	69.6	87.2	104.6	121.2	138.0	152.3
-77.5°	0.0	11.3	22.6	32.3	40.9	51.3	66.1	80.9	94.7	107.2	119.1
-80°	0.0	9.1	18.1	25.9	32.7	38.7	44.9	57.1	68.4	78.7	88.0
-82.5°	0.0	6.8	13.6	19.4	24.6	29.0	32.8	37.1	42.1	50.2	57.5
-85°	0.0	4.5	9.1	13.0	16.4	19.3	21.8	24.8	27.5	30.0	32.3
-87.5°	0.0	2.3	4.5	6.5	8.2	9.7	10.9	12.4	13.7	15.0	16.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558974 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-927-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°	17.4	18.6	19.7	20.8	21.7	22.6	23.4	24.2	25.2	26.2	27.1
85°	34.8	37.2	41.2	44.5	47.5	50.1	52.3	54.2	56.1	57.7	58.9
82.5°	64.0	69.3	73.6	76.8	80.5	83.7	86.5	88.9	91.4	93.7	95.7
80°	95.6	101.6	107.9	113.4	118.8	122.8	125.3	126.4	129.5	133.6	137.8
77.5°	129.6	138.8	146.9	153.9	159.7	164.7	168.3	170.5	175.6	181.4	186.5
75°	164.8	176.0	187.3	197.2	205.0	210.8	215.0	218.5	224.5	232.2	238.8
72.5°	201.5	216.7	230.0	241.6	252.0	260.0	266.0	269.9	275.9	285.0	292.3
70°	240.2	257.5	275.6	290.4	301.6	311.0	318.8	324.2	329.7	338.9	345.7
67.5°	280.2	305.0	325.0	340.6	353.1	364.7	373.5	379.3	381.8	391.0	398.7
65°	327.3	353.8	376.1	393.7	406.2	420.5	430.4	435.3	436.9	446.9	456.4
62.5°	375.4	404.7	429.1	449.3	465.5	479.2	490.2	496.4	497.5	504.9	515.8
60°	426.7	456.7	485.8	510.1	527.4	541.4	553.4	560.0	561.3	564.3	576.8
57.5°	480.1	512.5	546.5	573.8	594.0	605.5	618.7	625.9	628.8	627.1	639.9
55°	538.3	572.0	610.3	642.1	663.7	674.1	686.4	696.9	700.5	698.1	705.8
52.5°	604.1	637.7	678.6	713.5	737.6	750.2	758.8	771.4	777.2	774.6	773.1
50°	673.4	715.5	749.4	789.3	818.3	834.9	835.2	850.8	858.4	856.1	845.7
47.5°	751.7	799.3	824.9	870.6	908.4	927.9	929.3	935.5	944.8	947.3	938.4
45°	836.4	894.4	921.9	962.8	1005.1	1029.0	1036.3	1025.0	1041.7	1046.9	1041.3
42.5°	925.5	999.6	1043.0	1059.6	1108.9	1142.1	1154.9	1147.0	1146.2	1157.8	1157.6
40°	1028.5	1113.5	1178.8	1196.1	1221.0	1266.7	1293.9	1292.5	1262.0	1283.7	1289.3
37.5°	1138.6	1249.2	1329.8	1365.7	1346.8	1407.9	1447.7	1463.7	1444.8	1423.4	1447.8
35°	1254.5	1394.2	1502.8	1564.0	1566.6	1565.3	1627.5	1660.9	1663.1	1624.2	1633.0
32.5°	1384.1	1548.1	1692.1	1790.9	1835.8	1808.1	1824.2	1894.4	1928.7	1913.9	1857.8
30°	1523.3	1724.6	1901.1	2040.5	2140.9	2170.4	2103.5	2158.3	2234.4	2264.8	2240.4
27.5°	1664.2	1911.8	2135.6	2329.0	2484.4	2582.9	2585.2	2500.7	2587.0	2660.3	2688.6
25°	1807.2	2099.2	2384.3	2646.4	2881.6	3051.0	3128.9	3137.9	3017.2	3127.0	3229.2
22.5°	1959.6	2291.9	2630.4	2984.5	3312.2	3560.9	3749.8	3863.6	3859.9	3744.7	3834.6
20°	2121.0	2501.8	2895.8	3315.9	3762.9	4104.7	4421.2	4663.4	4809.2	4857.6	4763.2
17.5°	2282.0	2713.4	3174.5	3674.8	4192.1	4665.8	5140.3	5526.8	5832.9	6084.1	6174.1
15°	2441.0	2924.6	3454.3	4036.2	4633.9	5226.9	5837.0	6428.8	6949.7	7409.6	7682.2
12.5°	2596.4	3133.0	3731.9	4395.9	5081.9	5795.7	6523.7	7244.6	7995.1	8740.0	9306.1
10°	2746.2	3335.8	4003.7	4749.3	5529.5	6364.4	7209.2	8064.8	8976.5	9855.0	10700.7
7.5°	2810.2	3468.4	4237.9	5091.7	5969.5	6924.2	7884.3	8877.6	9942.8	10967.9	12000.7
5°	2849.7	3521.0	4303.7	5193.2	6169.8	7289.6	8435.1	9665.5	10881.1	12061.3	13278.3
2.5°	2876.0	3557.0	4347.7	5233.3	6199.6	7349.6	8509.5	9787.1	11151.0	12515.6	13964.4
0°	2888.9	3576.0	4369.6	5245.5	6195.8	7369.0	8538.3	9856.2	11238.4	12626.6	14109.2
-2.5°	2876.0	3557.0	4347.7	5233.3	6199.6	7349.6	8509.5	9787.1	11151.0	12515.6	13964.4
-5°	2849.7	3521.0	4303.7	5193.2	6169.8	7289.6	8435.1	9665.5	10881.1	12061.3	13278.3
-7.5°	2810.2	3468.4	4237.9	5091.7	5969.5	6924.2	7884.3	8877.6	9942.8	10967.9	12000.7
-10°	2746.2	3335.8	4003.7	4749.3	5529.5	6364.4	7209.2	8064.8	8976.5	9855.0	10700.7
-12.5°	2596.4	3133.0	3731.9	4395.9	5081.9	5795.7	6523.7	7244.6	7995.1	8740.0	9306.1
-15°	2441.0	2924.6	3454.3	4036.2	4633.9	5226.9	5837.0	6428.8	6949.7	7409.6	7682.2
-17.5°	2282.0	2713.4	3174.5	3674.8	4192.1	4665.8	5140.3	5526.8	5832.9	6084.1	6174.1
-20°	2121.0	2501.8	2895.8	3315.9	3762.9	4104.7	4421.2	4663.4	4809.2	4857.6	4763.2



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 CATALOG NUMBER: GFLD-SA4E-927-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°	1959.6	2291.9	2630.4	2984.5	3312.2	3560.9	3749.8	3863.6	3859.9	3744.7	3834.6
-25°	1807.2	2099.2	2384.3	2646.4	2881.6	3051.0	3128.9	3137.9	3017.2	3127.0	3229.2
-27.5°	1664.2	1911.8	2135.6	2329.0	2484.4	2582.9	2585.2	2500.7	2587.0	2660.3	2688.6
-30°	1523.3	1724.6	1901.1	2040.5	2140.9	2170.4	2103.5	2158.3	2234.4	2264.8	2240.4
-32.5°	1384.1	1548.1	1692.1	1790.9	1835.8	1808.1	1824.2	1894.4	1928.7	1913.9	1857.8
-35°	1254.5	1394.2	1502.8	1564.0	1566.6	1565.3	1627.5	1660.9	1663.1	1624.2	1633.0
-37.5°	1138.6	1249.2	1329.8	1365.7	1346.8	1407.9	1447.7	1463.7	1444.8	1423.4	1447.8
-40°	1028.5	1113.5	1178.8	1196.1	1221.0	1266.7	1293.9	1292.5	1262.0	1283.7	1289.3
-42.5°	925.5	999.6	1043.0	1059.6	1108.9	1142.1	1154.9	1147.0	1146.2	1157.8	1157.6
-45°	836.4	894.4	921.9	962.8	1005.1	1029.0	1036.3	1025.0	1041.7	1046.9	1041.3
-47.5°	751.7	799.3	824.9	870.6	908.4	927.9	929.3	935.5	944.8	947.3	938.4
-50°	673.4	715.5	749.4	789.3	818.3	834.9	835.2	850.8	858.4	856.1	845.7
-52.5°	604.1	637.7	678.6	713.5	737.6	750.2	758.8	771.4	777.2	774.6	773.1
-55°	538.3	572.0	610.3	642.1	663.7	674.1	686.4	696.9	700.5	698.1	705.8
-57.5°	480.1	512.5	546.5	573.8	594.0	605.5	618.7	625.9	628.8	627.1	639.9
-60°	426.7	456.7	485.8	510.1	527.4	541.4	553.4	560.0	561.3	564.3	576.8
-62.5°	375.4	404.7	429.1	449.3	465.5	479.2	490.2	496.4	497.5	504.9	515.8
-65°	327.3	353.8	376.1	393.7	406.2	420.5	430.4	435.3	436.9	446.9	456.4
-67.5°	280.2	305.0	325.0	340.6	353.1	364.7	373.5	379.3	381.8	391.0	398.7
-70°	240.2	257.5	275.6	290.4	301.6	311.0	318.8	324.2	329.7	338.9	345.7
-72.5°	201.5	216.7	230.0	241.6	252.0	260.0	266.0	269.9	275.9	285.0	292.3
-75°	164.8	176.0	187.3	197.2	205.0	210.8	215.0	218.5	224.5	232.2	238.8
-77.5°	129.6	138.8	146.9	153.9	159.7	164.7	168.3	170.5	175.6	181.4	186.5
-80°	95.6	101.6	107.9	113.4	118.8	122.8	125.3	126.4	129.5	133.6	137.8
-82.5°	64.0	69.3	73.6	76.8	80.5	83.7	86.5	88.9	91.4	93.7	95.7
-85°	34.8	37.2	41.2	44.5	47.5	50.1	52.3	54.2	56.1	57.7	58.9
-87.5°	17.4	18.6	19.7	20.8	21.7	22.6	23.4	24.2	25.2	26.2	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: P558974 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-927-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°	28.0	27.6	27.0	26.3	25.5	25.5	25.5	25.4	25.2	25.0	24.7
85°	59.8	60.9	62.0	63.0	64.0	65.1	66.0	66.7	67.3	67.2	67.0
82.5°	97.4	100.6	103.9	107.0	109.8	111.4	112.5	113.2	113.6	114.5	115.3
80°	141.4	146.2	150.6	154.3	157.2	159.4	161.2	162.7	163.7	164.9	165.7
77.5°	191.2	196.5	201.7	206.1	210.0	213.6	216.6	219.1	220.9	223.6	226.2
75°	244.2	250.3	256.6	262.3	267.3	272.6	277.8	282.6	286.9	290.4	293.1
72.5°	297.9	304.2	312.0	319.2	325.9	333.1	340.0	346.2	351.5	356.5	361.0
70°	350.8	356.8	366.7	376.4	385.4	393.9	402.4	410.0	416.7	423.1	429.0
67.5°	405.5	411.7	424.1	435.3	445.3	454.7	464.5	473.3	480.9	487.8	493.7
65°	463.8	469.3	482.7	494.9	505.5	514.3	524.9	534.5	543.0	550.5	556.9
62.5°	524.1	529.6	540.7	552.8	562.8	571.2	583.7	594.5	603.7	611.3	617.7
60°	585.3	590.1	598.6	611.9	623.1	632.4	643.3	653.8	662.7	670.3	677.0
57.5°	648.9	653.7	657.8	671.1	681.9	690.4	700.0	710.2	718.9	725.9	732.9
55°	714.6	718.3	717.0	729.3	739.4	746.3	753.5	764.3	772.9	779.2	785.5
52.5°	781.8	786.2	783.1	788.3	799.4	805.6	808.6	820.4	829.2	834.8	840.6
50°	856.5	860.1	857.3	854.4	865.1	871.5	873.2	882.7	890.7	895.1	899.2
47.5°	937.6	941.9	939.8	928.0	937.6	945.7	946.0	950.0	958.3	961.6	964.0
45°	1025.8	1034.1	1032.3	1024.2	1022.9	1031.2	1030.4	1027.1	1036.6	1040.9	1042.2
42.5°	1141.5	1138.8	1141.4	1136.7	1122.1	1131.5	1132.7	1120.8	1132.7	1137.8	1134.9
40°	1283.1	1257.3	1271.6	1269.5	1255.8	1253.8	1261.1	1251.4	1253.2	1260.6	1255.0
37.5°	1451.6	1433.2	1425.4	1431.9	1427.9	1410.4	1424.3	1420.9	1409.9	1422.3	1416.8
35°	1659.1	1653.6	1611.9	1637.2	1642.5	1625.9	1630.7	1637.9	1614.0	1632.8	1630.8
32.5°	1901.6	1913.9	1904.9	1889.3	1913.0	1916.0	1888.6	1921.5	1908.2	1913.0	1925.9
30°	2176.3	2239.3	2270.0	2242.6	2257.3	2286.7	2273.2	2296.1	2307.0	2289.9	2322.3
27.5°	2656.2	2633.8	2707.3	2739.3	2705.0	2758.6	2797.4	2780.2	2837.0	2803.4	2851.4
25°	3266.0	3233.2	3252.8	3358.5	3382.0	3354.8	3464.3	3477.2	3522.3	3527.8	3561.3
22.5°	3982.5	4061.8	4052.5	4084.7	4217.5	4261.9	4302.3	4407.7	4383.7	4479.1	4495.7
20°	4783.6	4982.9	5120.2	5149.1	5205.8	5358.5	5428.6	5511.7	5567.4	5657.8	5734.2
17.5°	6138.8	6036.7	6306.0	6475.2	6564.1	6595.9	6779.8	6839.7	6977.9	7056.8	7135.2
15°	7878.8	7938.4	7816.8	7978.1	8250.5	8342.5	8236.8	8483.7	8553.2	8686.1	8709.6
12.5°	9738.7	10039.8	10187.4	10227.4	10085.0	10472.6	10627.8	10433.0	10654.0	10614.2	10796.0
10°	11513.3	12244.8	12682.7	12990.7	13177.9	13290.7	13402.8	13604.2	13607.7	13756.9	13669.8
7.5°	12970.2	13897.7	14783.7	15643.2	16330.7	16716.1	17018.8	17309.0	17696.3	17881.8	18002.4
5°	14395.6	15465.6	16525.8	17567.7	18511.1	19418.8	20308.5	21080.2	21489.1	21967.0	22393.1
2.5°	15317.5	16671.0	18024.9	19366.0	20456.1	21456.4	22382.4	23242.4	23996.8	24694.7	25284.1
0°	15497.4	17012.2	18424.5	19762.5	20990.0	22225.6	23304.4	24276.8	25098.4	25839.8	26340.0
-2.5°	15317.5	16671.0	18024.9	19366.0	20456.1	21456.4	22382.4	23242.4	23996.8	24694.7	25284.1
-5°	14395.6	15465.6	16525.8	17567.7	18511.1	19418.8	20308.5	21080.2	21489.1	21967.0	22393.1
-7.5°	12970.2	13897.7	14783.7	15643.2	16330.7	16716.1	17018.8	17309.0	17696.3	17881.8	18002.4
-10°	11513.3	12244.8	12682.7	12990.7	13177.9	13290.7	13402.8	13604.2	13607.7	13756.9	13669.8
-12.5°	9738.7	10039.8	10187.4	10227.4	10085.0	10472.6	10627.8	10433.0	10654.0	10614.2	10796.0
-15°	7878.8	7938.4	7816.8	7978.1	8250.5	8342.5	8236.8	8483.7	8553.2	8686.1	8709.6
-17.5°	6138.8	6036.7	6306.0	6475.2	6564.1	6595.9	6779.8	6839.7	6977.9	7056.8	7135.2
-20°	4783.6	4982.9	5120.2	5149.1	5205.8	5358.5	5428.6	5511.7	5567.4	5657.8	5734.2



REPORT NUMBER: P558974 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3982.5	4061.8	4052.5	4084.7	4217.5	4261.9	4302.3	4407.7	4383.7	4479.1	4495.7
-25°	3266.0	3233.2	3252.8	3358.5	3382.0	3354.8	3464.3	3477.2	3522.3	3527.8	3561.3
-27.5°	2656.2	2633.8	2707.3	2739.3	2705.0	2758.6	2797.4	2780.2	2837.0	2803.4	2851.4
-30°	2176.3	2239.3	2270.0	2242.6	2257.3	2286.7	2273.2	2296.1	2307.0	2289.9	2322.3
-32.5°	1901.6	1913.9	1904.9	1889.3	1913.0	1916.0	1888.6	1921.5	1908.2	1913.0	1925.9
-35°	1659.1	1653.6	1611.9	1637.2	1642.5	1625.9	1630.7	1637.9	1614.0	1632.8	1630.8
-37.5°	1451.6	1433.2	1425.4	1431.9	1427.9	1410.4	1424.3	1420.9	1409.9	1422.3	1416.8
-40°	1283.1	1257.3	1271.6	1269.5	1255.8	1253.8	1261.1	1251.4	1253.2	1260.6	1255.0
-42.5°	1141.5	1138.8	1141.4	1136.7	1122.1	1131.5	1132.7	1120.8	1132.7	1137.8	1134.9
-45°	1025.8	1034.1	1032.3	1024.2	1022.9	1031.2	1030.4	1027.1	1036.6	1040.9	1042.2
-47.5°	937.6	941.9	939.8	928.0	937.6	945.7	946.0	950.0	958.3	961.6	964.0
-50°	856.5	860.1	857.3	854.4	865.1	871.5	873.2	882.7	890.7	895.1	899.2
-52.5°	781.8	786.2	783.1	788.3	799.4	805.6	808.6	820.4	829.2	834.8	840.6
-55°	714.6	718.3	717.0	729.3	739.4	746.3	753.5	764.3	772.9	779.2	785.5
-57.5°	648.9	653.7	657.8	671.1	681.9	690.4	700.0	710.2	718.9	725.9	732.9
-60°	585.3	590.1	598.6	611.9	623.1	632.4	643.3	653.8	662.7	670.3	677.0
-62.5°	524.1	529.6	540.7	552.8	562.8	571.2	583.7	594.5	603.7	611.3	617.7
-65°	463.8	469.3	482.7	494.9	505.5	514.3	524.9	534.5	543.0	550.5	556.9
-67.5°	405.5	411.7	424.1	435.3	445.3	454.7	464.5	473.3	480.9	487.8	493.7
-70°	350.8	356.8	366.7	376.4	385.4	393.9	402.4	410.0	416.7	423.1	429.0
-72.5°	297.9	304.2	312.0	319.2	325.9	333.1	340.0	346.2	351.5	356.5	361.0
-75°	244.2	250.3	256.6	262.3	267.3	272.6	277.8	282.6	286.9	290.4	293.1
-77.5°	191.2	196.5	201.7	206.1	210.0	213.6	216.6	219.1	220.9	223.6	226.2
-80°	141.4	146.2	150.6	154.3	157.2	159.4	161.2	162.7	163.7	164.9	165.7
-82.5°	97.4	100.6	103.9	107.0	109.8	111.4	112.5	113.2	113.6	114.5	115.3
-85°	59.8	60.9	62.0	63.0	64.0	65.1	66.0	66.7	67.3	67.2	67.0
-87.5°	28.0	27.6	27.0	26.3	25.5	25.5	25.5	25.4	25.2	25.0	24.7
-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: P558974 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-927-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°	24.4	24.0	25.1	26.1	25.1	24.0	24.4	24.7	25.0	25.2	25.4
85°	66.6	66.0	67.2	68.3	67.2	66.0	66.6	67.0	67.2	67.3	66.7
82.5°	115.7	115.9	116.4	116.5	116.4	115.9	115.7	115.3	114.5	113.6	113.2
80°	166.0	166.0	165.5	164.7	165.5	166.0	166.0	165.7	164.9	163.7	162.7
77.5°	228.3	229.8	230.7	231.0	230.7	229.8	228.3	226.2	223.6	220.9	219.1
75°	294.9	295.8	296.0	295.3	296.0	295.8	294.9	293.1	290.4	286.9	282.6
72.5°	364.7	367.7	368.2	367.6	368.2	367.7	364.7	361.0	356.5	351.5	346.2
70°	433.8	437.6	437.6	436.0	437.6	437.6	433.8	429.0	423.1	416.7	410.0
67.5°	498.4	501.9	504.6	506.3	504.6	501.9	498.4	493.7	487.8	480.9	473.3
65°	562.0	565.8	567.9	568.5	567.9	565.8	562.0	556.9	550.5	543.0	534.5
62.5°	622.6	626.1	628.1	628.8	628.1	626.1	622.6	617.7	611.3	603.7	594.5
60°	682.3	686.1	686.7	685.1	686.7	686.1	682.3	677.0	670.3	662.7	653.8
57.5°	738.3	742.2	742.1	739.3	742.1	742.2	738.3	732.9	725.9	718.9	710.2
55°	790.1	792.9	794.0	793.6	794.0	792.9	790.1	785.5	779.2	772.9	764.3
52.5°	844.9	847.2	848.2	847.8	848.2	847.2	844.9	840.6	834.8	829.2	820.4
50°	902.2	902.5	902.4	902.0	902.4	902.5	902.2	899.2	895.1	890.7	882.7
47.5°	967.5	968.2	968.3	968.3	968.3	968.2	967.5	964.0	961.6	958.3	950.0
45°	1044.9	1042.7	1040.5	1040.7	1040.5	1042.7	1044.9	1042.2	1040.9	1036.6	1027.1
42.5°	1137.7	1135.3	1132.4	1133.1	1132.4	1135.3	1137.7	1134.9	1137.8	1132.7	1120.8
40°	1259.9	1259.2	1255.1	1253.6	1255.1	1259.2	1259.9	1255.0	1260.6	1253.2	1251.4
37.5°	1417.7	1415.4	1406.2	1402.3	1406.2	1415.4	1417.7	1416.8	1422.3	1409.9	1420.9
35°	1625.2	1622.1	1608.1	1609.2	1608.1	1622.1	1625.2	1630.8	1632.8	1614.0	1637.9
32.5°	1919.5	1920.5	1899.4	1894.5	1899.4	1920.5	1919.5	1925.9	1913.0	1908.2	1921.5
30°	2302.1	2310.5	2285.6	2296.3	2285.6	2310.5	2302.1	2322.3	2289.9	2307.0	2296.1
27.5°	2850.5	2866.5	2844.5	2826.7	2844.5	2866.5	2850.5	2851.4	2803.4	2837.0	2780.2
25°	3605.3	3617.3	3592.1	3570.0	3592.1	3617.3	3605.3	3561.3	3527.8	3522.3	3477.2
22.5°	4587.9	4587.1	4585.8	4620.7	4585.8	4587.1	4587.9	4495.7	4479.1	4383.7	4407.7
20°	5783.6	5754.6	5798.0	5826.1	5798.0	5754.6	5783.6	5734.2	5657.8	5567.4	5511.7
17.5°	7153.4	7207.6	7249.3	7318.8	7249.3	7207.6	7153.4	7135.2	7056.8	6977.9	6839.7
15°	8768.5	8850.4	8892.1	8869.7	8892.1	8850.4	8768.5	8709.6	8686.1	8553.2	8483.7
12.5°	10802.4	10900.2	10828.0	10738.1	10828.0	10900.2	10802.4	10796.0	10614.2	10654.0	10433.0
10°	13671.1	13881.7	13893.5	13717.5	13893.5	13881.7	13671.1	13669.8	13756.9	13607.7	13604.2
7.5°	18072.4	18174.7	18330.3	18338.2	18330.3	18174.7	18072.4	18002.4	17881.8	17696.3	17309.0
5°	22586.3	22858.9	23034.7	23338.6	23034.7	22858.9	22586.3	22393.1	21967.0	21489.1	21080.2
2.5°	25664.7	26017.1	26152.4	26496.7	26152.4	26017.1	25664.7	25284.1	24694.7	23996.8	23242.4
0°	26786.0	27071.3	27242.1	27378.7	27242.1	27071.3	26786.0	26340.0	25839.8	25098.4	24276.8
-2.5°	25664.7	26017.1	26152.4	26496.7	26152.4	26017.1	25664.7	25284.1	24694.7	23996.8	23242.4
-5°	22586.3	22858.9	23034.7	23338.6	23034.7	22858.9	22586.3	22393.1	21967.0	21489.1	21080.2
-7.5°	18072.4	18174.7	18330.3	18338.2	18330.3	18174.7	18072.4	18002.4	17881.8	17696.3	17309.0
-10°	13671.1	13881.7	13893.5	13717.5	13893.5	13881.7	13671.1	13669.8	13756.9	13607.7	13604.2
-12.5°	10802.4	10900.2	10828.0	10738.1	10828.0	10900.2	10802.4	10796.0	10614.2	10654.0	10433.0
-15°	8768.5	8850.4	8892.1	8869.7	8892.1	8850.4	8768.5	8709.6	8686.1	8553.2	8483.7
-17.5°	7153.4	7207.6	7249.3	7318.8	7249.3	7207.6	7153.4	7135.2	7056.8	6977.9	6839.7
-20°	5783.6	5754.6	5798.0	5826.1	5798.0	5754.6	5783.6	5734.2	5657.8	5567.4	5511.7



REPORT NUMBER: P558974 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-927-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°	4587.9	4587.1	4585.8	4620.7	4585.8	4587.1	4587.9	4495.7	4479.1	4383.7	4407.7
-25°	3605.3	3617.3	3592.1	3570.0	3592.1	3617.3	3605.3	3561.3	3527.8	3522.3	3477.2
-27.5°	2850.5	2866.5	2844.5	2826.7	2844.5	2866.5	2850.5	2851.4	2803.4	2837.0	2780.2
-30°	2302.1	2310.5	2285.6	2296.3	2285.6	2310.5	2302.1	2322.3	2289.9	2307.0	2296.1
-32.5°	1919.5	1920.5	1899.4	1894.5	1899.4	1920.5	1919.5	1925.9	1913.0	1908.2	1921.5
-35°	1625.2	1622.1	1608.1	1609.2	1608.1	1622.1	1625.2	1630.8	1632.8	1614.0	1637.9
-37.5°	1417.7	1415.4	1406.2	1402.3	1406.2	1415.4	1417.7	1416.8	1422.3	1409.9	1420.9
-40°	1259.9	1259.2	1255.1	1253.6	1255.1	1259.2	1259.9	1255.0	1260.6	1253.2	1251.4
-42.5°	1137.7	1135.3	1132.4	1133.1	1132.4	1135.3	1137.7	1134.9	1137.8	1132.7	1120.8
-45°	1044.9	1042.7	1040.5	1040.7	1040.5	1042.7	1044.9	1042.2	1040.9	1036.6	1027.1
-47.5°	967.5	968.2	968.3	968.3	968.3	968.2	967.5	964.0	961.6	958.3	950.0
-50°	902.2	902.5	902.4	902.0	902.4	902.5	902.2	899.2	895.1	890.7	882.7
-52.5°	844.9	847.2	848.2	847.8	848.2	847.2	844.9	840.6	834.8	829.2	820.4
-55°	790.1	792.9	794.0	793.6	794.0	792.9	790.1	785.5	779.2	772.9	764.3
-57.5°	738.3	742.2	742.1	739.3	742.1	742.2	738.3	732.9	725.9	718.9	710.2
-60°	682.3	686.1	686.7	685.1	686.7	686.1	682.3	677.0	670.3	662.7	653.8
-62.5°	622.6	626.1	628.1	628.8	628.1	626.1	622.6	617.7	611.3	603.7	594.5
-65°	562.0	565.8	567.9	568.5	567.9	565.8	562.0	556.9	550.5	543.0	534.5
-67.5°	498.4	501.9	504.6	506.3	504.6	501.9	498.4	493.7	487.8	480.9	473.3
-70°	433.8	437.6	437.6	436.0	437.6	437.6	433.8	429.0	423.1	416.7	410.0
-72.5°	364.7	367.7	368.2	367.6	368.2	367.7	364.7	361.0	356.5	351.5	346.2
-75°	294.9	295.8	296.0	295.3	296.0	295.8	294.9	293.1	290.4	286.9	282.6
-77.5°	228.3	229.8	230.7	231.0	230.7	229.8	228.3	226.2	223.6	220.9	219.1
-80°	166.0	166.0	165.5	164.7	165.5	166.0	166.0	165.7	164.9	163.7	162.7
-82.5°	115.7	115.9	116.4	116.5	116.4	115.9	115.7	115.3	114.5	113.6	113.2
-85°	66.6	66.0	67.2	68.3	67.2	66.0	66.6	67.0	67.2	67.3	66.7
-87.5°	24.4	24.0	25.1	26.1	25.1	24.0	24.4	24.7	25.0	25.2	25.4
-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: P558974 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-927-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°	25.5	25.5	25.5	26.3	27.0	27.6	28.0	27.1	26.2	25.2	24.2
85°	66.0	65.1	64.0	63.0	62.0	60.9	59.8	58.9	57.7	56.1	54.2
82.5°	112.5	111.4	109.8	107.0	103.9	100.6	97.4	95.7	93.7	91.4	88.9
80°	161.2	159.4	157.2	154.3	150.6	146.2	141.4	137.8	133.6	129.5	126.4
77.5°	216.6	213.6	210.0	206.1	201.7	196.5	191.2	186.5	181.4	175.6	170.5
75°	277.8	272.6	267.3	262.3	256.6	250.3	244.2	238.8	232.2	224.5	218.5
72.5°	340.0	333.1	325.9	319.2	312.0	304.2	297.9	292.3	285.0	275.9	269.9
70°	402.4	393.9	385.4	376.4	366.7	356.8	350.8	345.7	338.9	329.7	324.2
67.5°	464.5	454.7	445.3	435.3	424.1	411.7	405.5	398.7	391.0	381.8	379.3
65°	524.9	514.3	505.5	494.9	482.7	469.3	463.8	456.4	446.9	436.9	435.3
62.5°	583.7	571.2	562.8	552.8	540.7	529.6	524.1	515.8	504.9	497.5	496.4
60°	643.3	632.4	623.1	611.9	598.6	590.1	585.3	576.8	564.3	561.3	560.0
57.5°	700.0	690.4	681.9	671.1	657.8	653.7	648.9	639.9	627.1	628.8	625.9
55°	753.5	746.3	739.4	729.3	717.0	718.3	714.6	705.8	698.1	700.5	696.9
52.5°	808.6	805.6	799.4	788.3	783.1	786.2	781.8	773.1	774.6	777.2	771.4
50°	873.2	871.5	865.1	854.4	857.3	860.1	856.5	845.7	856.1	858.4	850.8
47.5°	946.0	945.7	937.6	928.0	939.8	941.9	937.6	938.4	947.3	944.8	935.5
45°	1030.4	1031.2	1022.9	1024.2	1032.3	1034.1	1025.8	1041.3	1046.9	1041.7	1025.0
42.5°	1132.7	1131.5	1122.1	1136.7	1141.4	1138.8	1141.5	1157.6	1157.8	1146.2	1147.0
40°	1261.1	1253.8	1255.8	1269.5	1271.6	1257.3	1283.1	1289.3	1283.7	1262.0	1292.5
37.5°	1424.3	1410.4	1427.9	1431.9	1425.4	1433.2	1451.6	1447.8	1423.4	1444.8	1463.7
35°	1630.7	1625.9	1642.5	1637.2	1611.9	1653.6	1659.1	1633.0	1624.2	1663.1	1660.9
32.5°	1888.6	1916.0	1913.0	1889.3	1904.9	1913.9	1901.6	1857.8	1913.9	1928.7	1894.4
30°	2273.2	2286.7	2257.3	2242.6	2270.0	2239.3	2176.3	2240.4	2264.8	2234.4	2158.3
27.5°	2797.4	2758.6	2705.0	2739.3	2707.3	2633.8	2656.2	2688.6	2660.3	2587.0	2500.7
25°	3464.3	3354.8	3382.0	3358.5	3252.8	3233.2	3266.0	3229.2	3127.0	3017.2	3137.9
22.5°	4302.3	4261.9	4217.5	4084.7	4052.5	4061.8	3982.5	3834.6	3744.7	3859.9	3863.6
20°	5428.6	5358.5	5205.8	5149.1	5120.2	4982.9	4783.6	4763.2	4857.6	4809.2	4663.4
17.5°	6779.8	6595.9	6564.1	6475.2	6306.0	6036.7	6138.8	6174.1	6084.1	5832.9	5526.8
15°	8236.8	8342.5	8250.5	7978.1	7816.8	7938.4	7878.8	7682.2	7409.6	6949.7	6428.8
12.5°	10627.8	10472.6	10085.0	10227.4	10187.4	10039.8	9738.7	9306.1	8740.0	7995.1	7244.6
10°	13402.8	13290.7	13177.9	12990.7	12682.7	12244.8	11513.3	10700.7	9855.0	8976.5	8064.8
7.5°	17018.8	16716.1	16330.7	15643.2	14783.7	13897.7	12970.2	12000.7	10967.9	9942.8	8877.6
5°	20308.5	19418.8	18511.1	17567.7	16525.8	15465.6	14395.6	13278.3	12061.3	10881.1	9665.5
2.5°	22382.4	21456.4	20456.1	19366.0	18024.9	16671.0	15317.5	13964.4	12515.6	11151.0	9787.1
0°	23304.4	22225.6	20990.0	19762.5	18424.5	17012.2	15497.4	14109.2	12626.6	11238.4	9856.2
-2.5°	22382.4	21456.4	20456.1	19366.0	18024.9	16671.0	15317.5	13964.4	12515.6	11151.0	9787.1
-5°	20308.5	19418.8	18511.1	17567.7	16525.8	15465.6	14395.6	13278.3	12061.3	10881.1	9665.5
-7.5°	17018.8	16716.1	16330.7	15643.2	14783.7	13897.7	12970.2	12000.7	10967.9	9942.8	8877.6
-10°	13402.8	13290.7	13177.9	12990.7	12682.7	12244.8	11513.3	10700.7	9855.0	8976.5	8064.8
-12.5°	10627.8	10472.6	10085.0	10227.4	10187.4	10039.8	9738.7	9306.1	8740.0	7995.1	7244.6
-15°	8236.8	8342.5	8250.5	7978.1	7816.8	7938.4	7878.8	7682.2	7409.6	6949.7	6428.8
-17.5°	6779.8	6595.9	6564.1	6475.2	6306.0	6036.7	6138.8	6174.1	6084.1	5832.9	5526.8
-20°	5428.6	5358.5	5205.8	5149.1	5120.2	4982.9	4783.6	4763.2	4857.6	4809.2	4663.4



REPORT NUMBER: P558974 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4302.3	4261.9	4217.5	4084.7	4052.5	4061.8	3982.5	3834.6	3744.7	3859.9	3863.6
-25°	3464.3	3354.8	3382.0	3358.5	3252.8	3233.2	3266.0	3229.2	3127.0	3017.2	3137.9
-27.5°	2797.4	2758.6	2705.0	2739.3	2707.3	2633.8	2656.2	2688.6	2660.3	2587.0	2500.7
-30°	2273.2	2286.7	2257.3	2242.6	2270.0	2239.3	2176.3	2240.4	2264.8	2234.4	2158.3
-32.5°	1888.6	1916.0	1913.0	1889.3	1904.9	1913.9	1901.6	1857.8	1913.9	1928.7	1894.4
-35°	1630.7	1625.9	1642.5	1637.2	1611.9	1653.6	1659.1	1633.0	1624.2	1663.1	1660.9
-37.5°	1424.3	1410.4	1427.9	1431.9	1425.4	1433.2	1451.6	1447.8	1423.4	1444.8	1463.7
-40°	1261.1	1253.8	1255.8	1269.5	1271.6	1257.3	1283.1	1289.3	1283.7	1262.0	1292.5
-42.5°	1132.7	1131.5	1122.1	1136.7	1141.4	1138.8	1141.5	1157.6	1157.8	1146.2	1147.0
-45°	1030.4	1031.2	1022.9	1024.2	1032.3	1034.1	1025.8	1041.3	1046.9	1041.7	1025.0
-47.5°	946.0	945.7	937.6	928.0	939.8	941.9	937.6	938.4	947.3	944.8	935.5
-50°	873.2	871.5	865.1	854.4	857.3	860.1	856.5	845.7	856.1	858.4	850.8
-52.5°	808.6	805.6	799.4	788.3	783.1	786.2	781.8	773.1	774.6	777.2	771.4
-55°	753.5	746.3	739.4	729.3	717.0	718.3	714.6	705.8	698.1	700.5	696.9
-57.5°	700.0	690.4	681.9	671.1	657.8	653.7	648.9	639.9	627.1	628.8	625.9
-60°	643.3	632.4	623.1	611.9	598.6	590.1	585.3	576.8	564.3	561.3	560.0
-62.5°	583.7	571.2	562.8	552.8	540.7	529.6	524.1	515.8	504.9	497.5	496.4
-65°	524.9	514.3	505.5	494.9	482.7	469.3	463.8	456.4	446.9	436.9	435.3
-67.5°	464.5	454.7	445.3	435.3	424.1	411.7	405.5	398.7	391.0	381.8	379.3
-70°	402.4	393.9	385.4	376.4	366.7	356.8	350.8	345.7	338.9	329.7	324.2
-72.5°	340.0	333.1	325.9	319.2	312.0	304.2	297.9	292.3	285.0	275.9	269.9
-75°	277.8	272.6	267.3	262.3	256.6	250.3	244.2	238.8	232.2	224.5	218.5
-77.5°	216.6	213.6	210.0	206.1	201.7	196.5	191.2	186.5	181.4	175.6	170.5
-80°	161.2	159.4	157.2	154.3	150.6	146.2	141.4	137.8	133.6	129.5	126.4
-82.5°	112.5	111.4	109.8	107.0	103.9	100.6	97.4	95.7	93.7	91.4	88.9
-85°	66.0	65.1	64.0	63.0	62.0	60.9	59.8	58.9	57.7	56.1	54.2
-87.5°	25.5	25.5	25.5	26.3	27.0	27.6	28.0	27.1	26.2	25.2	24.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558974 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-927-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°	23.4	22.6	21.7	20.8	19.7	18.6	17.4	16.1	15.0	13.7	12.4
85°	52.3	50.1	47.5	44.5	41.2	37.2	34.8	32.3	30.0	27.5	24.8
82.5°	86.5	83.7	80.5	76.8	73.6	69.3	64.0	57.5	50.2	42.1	37.1
80°	125.3	122.8	118.8	113.4	107.9	101.6	95.6	88.0	78.7	68.4	57.1
77.5°	168.3	164.7	159.7	153.9	146.9	138.8	129.6	119.1	107.2	94.7	80.9
75°	215.0	210.8	205.0	197.2	187.3	176.0	164.8	152.3	138.0	121.2	104.6
72.5°	266.0	260.0	252.0	241.6	230.0	216.7	201.5	185.7	169.7	150.9	129.2
70°	318.8	311.0	301.6	290.4	275.6	257.5	240.2	222.4	201.6	180.5	156.3
67.5°	373.5	364.7	353.1	340.6	325.0	305.0	280.2	260.1	237.9	210.3	183.4
65°	430.4	420.5	406.2	393.7	376.1	353.8	327.3	300.7	274.5	244.7	210.4
62.5°	490.2	479.2	465.5	449.3	429.1	404.7	375.4	346.9	312.7	279.2	240.7
60°	553.4	541.4	527.4	510.1	485.8	456.7	426.7	393.4	356.1	313.9	272.3
57.5°	618.7	605.5	594.0	573.8	546.5	512.5	480.1	443.7	399.6	352.7	303.9
55°	686.4	674.1	663.7	642.1	610.3	572.0	538.3	496.9	444.8	392.4	335.4
52.5°	758.8	750.2	737.6	713.5	678.6	637.7	604.1	551.4	495.9	432.1	370.7
50°	835.2	834.9	818.3	789.3	749.4	715.5	673.4	616.3	547.9	474.0	406.6
47.5°	929.3	927.9	908.4	870.6	824.9	799.3	751.7	684.5	600.7	521.8	442.7
45°	1036.3	1029.0	1005.1	962.8	921.9	894.4	836.4	755.2	665.1	570.8	478.8
42.5°	1154.9	1142.1	1108.9	1059.6	1043.0	999.6	925.5	835.7	731.1	619.7	518.9
40°	1293.9	1266.7	1221.0	1196.1	1178.8	1113.5	1028.5	920.4	798.4	672.1	561.2
37.5°	1447.7	1407.9	1346.8	1365.7	1329.8	1249.2	1138.6	1007.9	868.8	731.4	603.1
35°	1627.5	1565.3	1566.6	1564.0	1502.8	1394.2	1254.5	1102.7	946.9	790.4	644.4
32.5°	1824.2	1808.1	1835.8	1790.9	1692.1	1548.1	1384.1	1207.0	1026.0	849.1	684.9
30°	2103.5	2170.4	2140.9	2040.5	1901.1	1724.6	1523.3	1313.6	1105.7	907.1	726.7
27.5°	2585.2	2582.9	2484.4	2329.0	2135.6	1911.8	1664.2	1422.2	1185.9	967.8	773.9
25°	3128.9	3051.0	2881.6	2646.4	2384.3	2099.2	1807.2	1532.4	1273.0	1033.3	819.8
22.5°	3749.8	3560.9	3312.2	2984.5	2630.4	2291.9	1959.6	1652.9	1363.1	1097.6	864.1
20°	4421.2	4104.7	3762.9	3315.9	2895.8	2501.8	2121.0	1772.3	1452.0	1160.1	906.6
17.5°	5140.3	4665.8	4192.1	3674.8	3174.5	2713.4	2282.0	1889.8	1538.8	1220.6	947.0
15°	5837.0	5226.9	4633.9	4036.2	3454.3	2924.6	2441.0	2004.3	1623.0	1278.5	978.8
12.5°	6523.7	5795.7	5081.9	4395.9	3731.9	3133.0	2596.4	2114.7	1703.6	1320.0	999.4
10°	7209.2	6364.4	5529.5	4749.3	4003.7	3335.8	2746.2	2200.9	1741.6	1346.5	1016.6
7.5°	7884.3	6924.2	5969.5	5091.7	4237.9	3468.4	2810.2	2239.9	1766.6	1367.9	1030.1
5°	8435.1	7289.6	6169.8	5193.2	4303.7	3521.0	2849.7	2270.2	1783.9	1384.1	1040.0
2.5°	8509.5	7349.6	6199.6	5233.3	4347.7	3557.0	2876.0	2291.1	1793.7	1395.0	1046.2
0°	8538.3	7369.0	6195.8	5245.5	4369.6	3576.0	2888.9	2302.3	1796.0	1400.3	1048.7
-2.5°	8509.5	7349.6	6199.6	5233.3	4347.7	3557.0	2876.0	2291.1	1793.7	1395.0	1046.2
-5°	8435.1	7289.6	6169.8	5193.2	4303.7	3521.0	2849.7	2270.2	1783.9	1384.1	1040.0
-7.5°	7884.3	6924.2	5969.5	5091.7	4237.9	3468.4	2810.2	2239.9	1766.6	1367.9	1030.1
-10°	7209.2	6364.4	5529.5	4749.3	4003.7	3335.8	2746.2	2200.9	1741.6	1346.5	1016.6
-12.5°	6523.7	5795.7	5081.9	4395.9	3731.9	3133.0	2596.4	2114.7	1703.6	1320.0	999.4
-15°	5837.0	5226.9	4633.9	4036.2	3454.3	2924.6	2441.0	2004.3	1623.0	1278.5	978.8
-17.5°	5140.3	4665.8	4192.1	3674.8	3174.5	2713.4	2282.0	1889.8	1538.8	1220.6	947.0
-20°	4421.2	4104.7	3762.9	3315.9	2895.8	2501.8	2121.0	1772.3	1452.0	1160.1	906.6



REPORT NUMBER: P558974 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-927-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°	3749.8	3560.9	3312.2	2984.5	2630.4	2291.9	1959.6	1652.9	1363.1	1097.6	864.1
-25°	3128.9	3051.0	2881.6	2646.4	2384.3	2099.2	1807.2	1532.4	1273.0	1033.3	819.8
-27.5°	2585.2	2582.9	2484.4	2329.0	2135.6	1911.8	1664.2	1422.2	1185.9	967.8	773.9
-30°	2103.5	2170.4	2140.9	2040.5	1901.1	1724.6	1523.3	1313.6	1105.7	907.1	726.7
-32.5°	1824.2	1808.1	1835.8	1790.9	1692.1	1548.1	1384.1	1207.0	1026.0	849.1	684.9
-35°	1627.5	1565.3	1566.6	1564.0	1502.8	1394.2	1254.5	1102.7	946.9	790.4	644.4
-37.5°	1447.7	1407.9	1346.8	1365.7	1329.8	1249.2	1138.6	1007.9	868.8	731.4	603.1
-40°	1293.9	1266.7	1221.0	1196.1	1178.8	1113.5	1028.5	920.4	798.4	672.1	561.2
-42.5°	1154.9	1142.1	1108.9	1059.6	1043.0	999.6	925.5	835.7	731.1	619.7	518.9
-45°	1036.3	1029.0	1005.1	962.8	921.9	894.4	836.4	755.2	665.1	570.8	478.8
-47.5°	929.3	927.9	908.4	870.6	824.9	799.3	751.7	684.5	600.7	521.8	442.7
-50°	835.2	834.9	818.3	789.3	749.4	715.5	673.4	616.3	547.9	474.0	406.6
-52.5°	758.8	750.2	737.6	713.5	678.6	637.7	604.1	551.4	495.9	432.1	370.7
-55°	686.4	674.1	663.7	642.1	610.3	572.0	538.3	496.9	444.8	392.4	335.4
-57.5°	618.7	605.5	594.0	573.8	546.5	512.5	480.1	443.7	399.6	352.7	303.9
-60°	553.4	541.4	527.4	510.1	485.8	456.7	426.7	393.4	356.1	313.9	272.3
-62.5°	490.2	479.2	465.5	449.3	429.1	404.7	375.4	346.9	312.7	279.2	240.7
-65°	430.4	420.5	406.2	393.7	376.1	353.8	327.3	300.7	274.5	244.7	210.4
-67.5°	373.5	364.7	353.1	340.6	325.0	305.0	280.2	260.1	237.9	210.3	183.4
-70°	318.8	311.0	301.6	290.4	275.6	257.5	240.2	222.4	201.6	180.5	156.3
-72.5°	266.0	260.0	252.0	241.6	230.0	216.7	201.5	185.7	169.7	150.9	129.2
-75°	215.0	210.8	205.0	197.2	187.3	176.0	164.8	152.3	138.0	121.2	104.6
-77.5°	168.3	164.7	159.7	153.9	146.9	138.8	129.6	119.1	107.2	94.7	80.9
-80°	125.3	122.8	118.8	113.4	107.9	101.6	95.6	88.0	78.7	68.4	57.1
-82.5°	86.5	83.7	80.5	76.8	73.6	69.3	64.0	57.5	50.2	42.1	37.1
-85°	52.3	50.1	47.5	44.5	41.2	37.2	34.8	32.3	30.0	27.5	24.8
-87.5°	23.4	22.6	21.7	20.8	19.7	18.6	17.4	16.1	15.0	13.7	12.4
-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: P558974 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-927-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°	10.9	9.7	8.2	6.5	4.5	2.3	0.0
85°	21.8	19.3	16.4	13.0	9.1	4.5	0.0
82.5°	32.8	29.0	24.6	19.4	13.6	6.8	0.0
80°	44.9	38.7	32.7	25.9	18.1	9.1	0.0
77.5°	66.1	51.3	40.9	32.3	22.6	11.3	0.0
75°	87.2	69.6	50.2	38.7	27.0	13.5	0.0
72.5°	108.2	87.7	65.2	45.0	31.4	15.7	0.0
70°	129.6	105.7	80.1	52.3	35.7	17.8	0.0
67.5°	154.0	123.6	94.8	63.7	39.9	20.0	0.0
65°	178.3	142.9	109.3	74.8	44.1	22.1	0.0
62.5°	202.5	163.8	123.7	85.9	48.2	24.1	0.0
60°	226.6	184.5	137.9	96.7	52.2	26.1	0.0
57.5°	253.9	205.0	154.5	107.4	59.2	28.0	0.0
55°	281.3	225.3	171.1	117.8	66.2	29.9	0.0
52.5°	308.4	245.7	187.4	128.1	72.9	31.8	0.0
50°	335.0	268.1	203.3	138.0	79.5	33.5	0.0
47.5°	362.0	290.1	219.0	148.2	85.8	35.3	0.0
45°	393.2	311.5	234.2	159.7	92.0	36.9	0.0
42.5°	424.2	332.4	249.1	170.8	97.9	38.5	0.0
40°	454.8	352.8	264.4	181.2	103.5	40.0	0.0
37.5°	485.1	372.5	280.0	190.9	108.9	41.4	0.0
35°	515.0	394.8	295.0	199.9	114.1	42.8	0.0
32.5°	545.5	418.3	309.4	208.4	118.9	44.0	0.0
30°	578.2	440.9	323.0	216.2	123.5	45.2	0.0
27.5°	609.7	462.8	334.4	223.3	127.8	46.3	0.0
25°	640.1	483.7	344.9	229.9	131.8	47.3	0.0
22.5°	669.1	502.4	354.7	235.7	135.4	48.2	0.0
20°	696.7	516.6	363.6	241.0	138.7	49.1	0.0
17.5°	717.4	529.1	371.7	245.5	141.7	49.8	0.0
15°	732.9	539.9	378.9	249.4	144.4	50.4	0.0
12.5°	746.2	548.9	385.2	252.7	146.7	51.0	0.0
10°	757.2	556.2	390.5	255.2	148.6	51.4	0.0
7.5°	765.8	561.8	394.9	257.2	150.2	51.8	0.0
5°	772.1	565.7	398.2	258.5	151.4	52.0	0.0
2.5°	776.0	567.9	400.6	259.2	152.2	52.2	0.0
0°	777.5	568.5	401.8	259.2	152.7	52.2	0.0
-2.5°	776.0	567.9	400.6	259.2	152.2	52.2	0.0
-5°	772.1	565.7	398.2	258.5	151.4	52.0	0.0
-7.5°	765.8	561.8	394.9	257.2	150.2	51.8	0.0
-10°	757.2	556.2	390.5	255.2	148.6	51.4	0.0
-12.5°	746.2	548.9	385.2	252.7	146.7	51.0	0.0
-15°	732.9	539.9	378.9	249.4	144.4	50.4	0.0
-17.5°	717.4	529.1	371.7	245.5	141.7	49.8	0.0
-20°	696.7	516.6	363.6	241.0	138.7	49.1	0.0



REPORT NUMBER: P558974 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	669.1	502.4	354.7	235.7	135.4	48.2	0.0
-25°	640.1	483.7	344.9	229.9	131.8	47.3	0.0
-27.5°	609.7	462.8	334.4	223.3	127.8	46.3	0.0
-30°	578.2	440.9	323.0	216.2	123.5	45.2	0.0
-32.5°	545.5	418.3	309.4	208.4	118.9	44.0	0.0
-35°	515.0	394.8	295.0	199.9	114.1	42.8	0.0
-37.5°	485.1	372.5	280.0	190.9	108.9	41.4	0.0
-40°	454.8	352.8	264.4	181.2	103.5	40.0	0.0
-42.5°	424.2	332.4	249.1	170.8	97.9	38.5	0.0
-45°	393.2	311.5	234.2	159.7	92.0	36.9	0.0
-47.5°	362.0	290.1	219.0	148.2	85.8	35.3	0.0
-50°	335.0	268.1	203.3	138.0	79.5	33.5	0.0
-52.5°	308.4	245.7	187.4	128.1	72.9	31.8	0.0
-55°	281.3	225.3	171.1	117.8	66.2	29.9	0.0
-57.5°	253.9	205.0	154.5	107.4	59.2	28.0	0.0
-60°	226.6	184.5	137.9	96.7	52.2	26.1	0.0
-62.5°	202.5	163.8	123.7	85.9	48.2	24.1	0.0
-65°	178.3	142.9	109.3	74.8	44.1	22.1	0.0
-67.5°	154.0	123.6	94.8	63.7	39.9	20.0	0.0
-70°	129.6	105.7	80.1	52.3	35.7	17.8	0.0
-72.5°	108.2	87.7	65.2	45.0	31.4	15.7	0.0
-75°	87.2	69.6	50.2	38.7	27.0	13.5	0.0
-77.5°	66.1	51.3	40.9	32.3	22.6	11.3	0.0
-80°	44.9	38.7	32.7	25.9	18.1	9.1	0.0
-82.5°	32.8	29.0	24.6	19.4	13.6	6.8	0.0
-85°	21.8	19.3	16.4	13.0	9.1	4.5	0.0
-87.5°	10.9	9.7	8.2	6.5	4.5	2.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)