

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: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-927-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558942 (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-SA4D-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

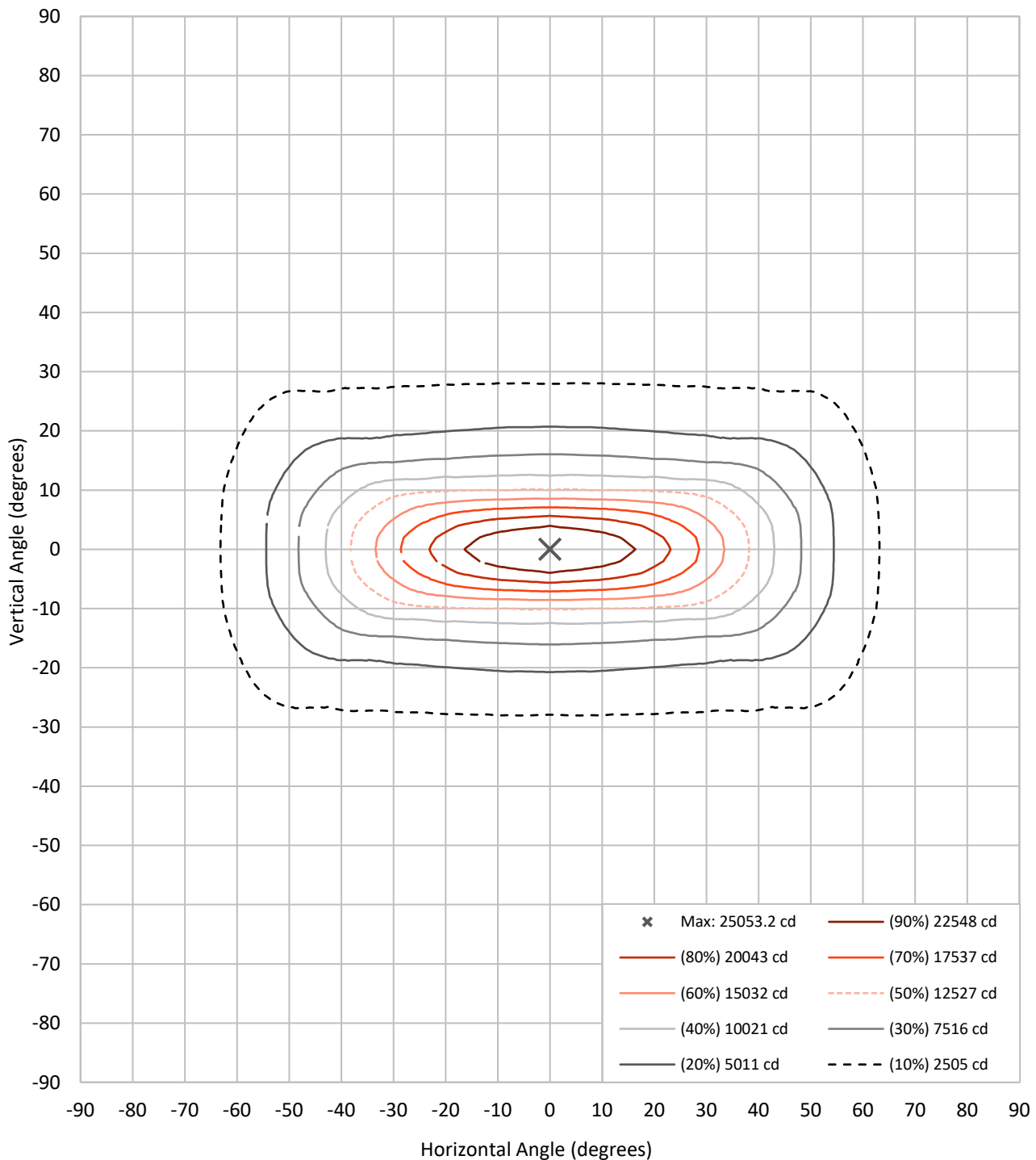
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	17942.6 lumens	Max Intensity:	25053.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	82.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	7178.8 lumens	Field Lumens:	14705.8 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 217
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA4D-927-U-NAT-XX

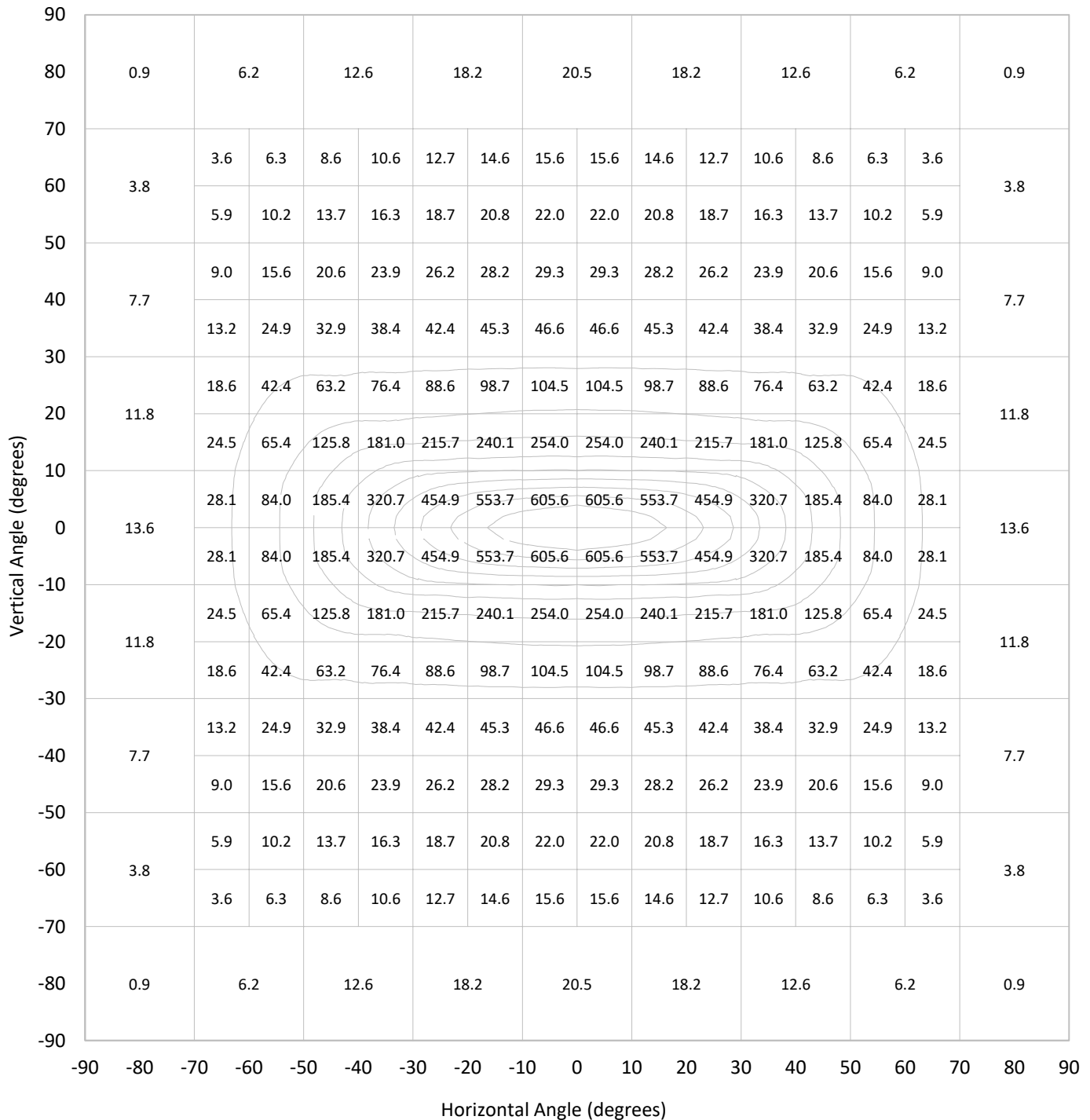
Iso-Candela Plot





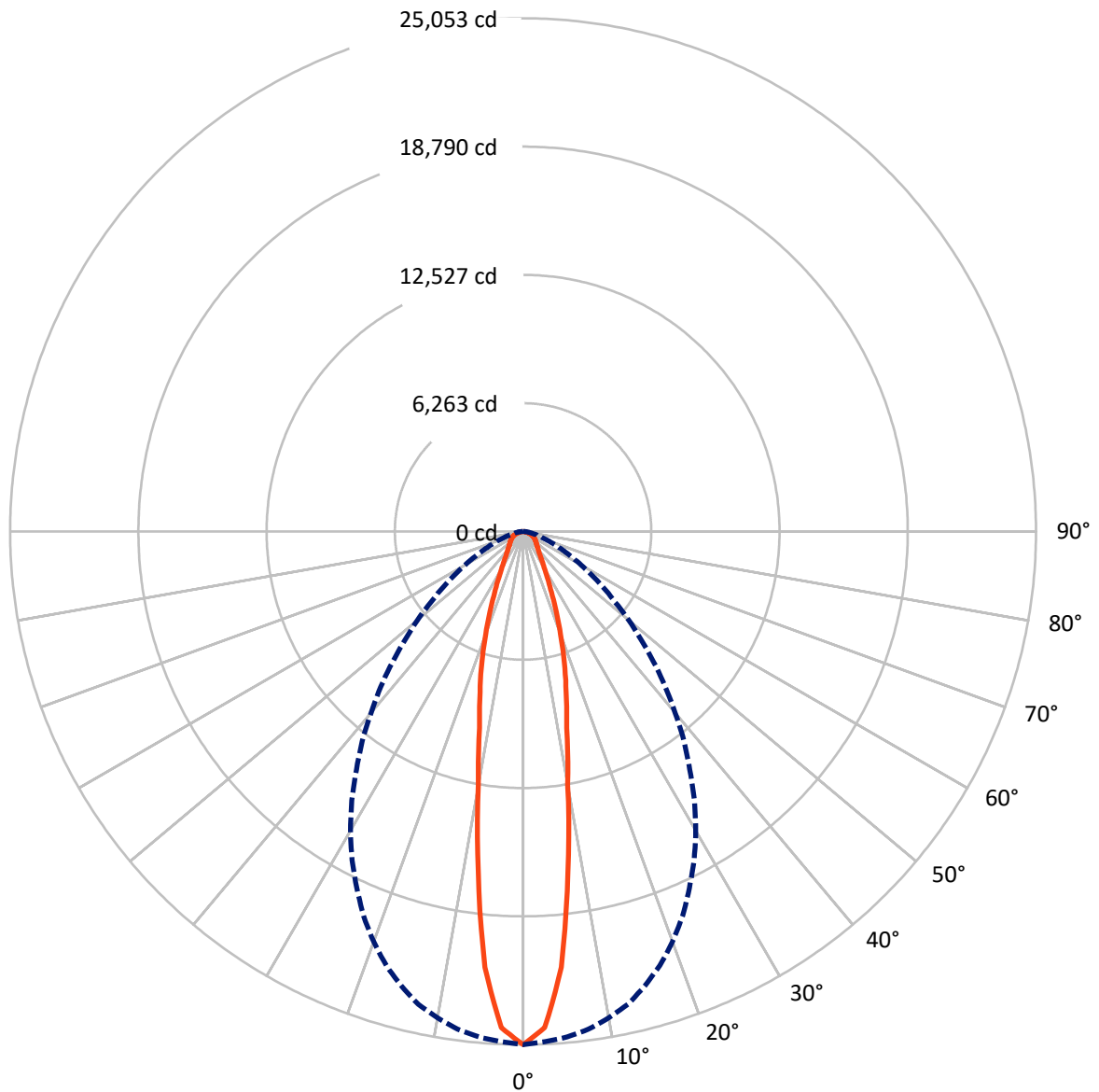
REPORT NUMBER: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-NAT-XX

Lumen Table



REPORT NUMBER: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-927-U-NAT-XX

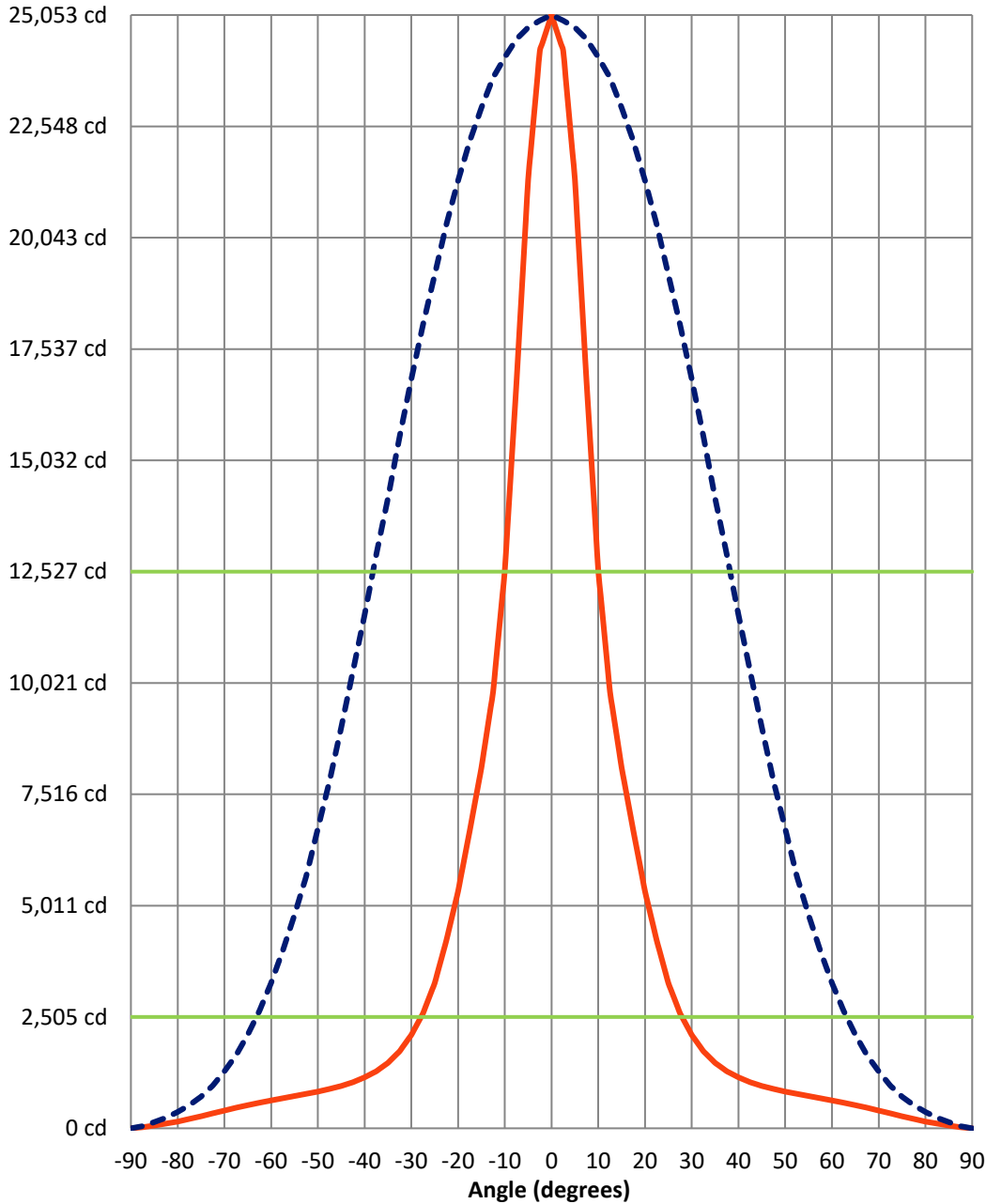
Luminous Intensity Polar Plot



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

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CATALOG NUMBER: GFLD-SA4D-927-U-NAT-XX

Luminous Intensity Plot



Beam:
H Angle: 76.4°
V Angle: 20°
Lumens: 7178.8
Efficiency: 40.0%

Field:
H Angle: 126.3°
V Angle: 55.8°
Lumens: 14705.8
Efficiency: 82.0%

Spill:
Lumens: 3236.8
Efficiency: 18.0%

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



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 CATALOG NUMBER: GFLD-SA4D-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	2.1	4.2	5.9	7.5	8.9	10.0	11.3	12.6	13.7	14.7
85°	0.0	4.2	8.3	11.9	15.0	17.7	20.0	22.6	25.1	27.4	29.5
82.5°	0.0	6.2	12.5	17.8	22.5	26.5	30.0	33.9	38.5	45.9	52.6
80°	0.0	8.3	16.6	23.7	30.0	35.4	41.1	52.2	62.6	72.0	80.5
77.5°	0.0	10.3	20.7	29.6	37.4	47.0	60.5	74.0	86.6	98.1	109.0
75°	0.0	12.4	24.7	35.4	46.0	63.6	79.8	95.7	110.9	126.3	139.4
72.5°	0.0	14.4	28.7	41.2	59.7	80.2	99.0	118.2	138.0	155.3	170.0
70°	0.0	16.3	32.7	47.9	73.3	96.7	118.6	143.0	165.2	184.5	203.5
67.5°	0.0	18.3	36.5	58.3	86.7	113.0	140.9	167.8	192.5	217.7	238.1
65°	0.0	20.2	40.4	68.5	100.0	130.8	163.1	192.5	223.9	251.2	275.2
62.5°	0.0	22.1	44.1	78.6	113.2	149.9	185.3	220.2	255.5	286.2	317.5
60°	0.0	23.9	47.8	88.5	126.1	168.8	207.3	249.2	287.2	325.9	360.0
57.5°	0.0	25.7	54.2	98.3	141.4	187.6	232.3	278.1	322.7	365.7	406.0
55°	0.0	27.4	60.6	107.8	156.5	206.1	257.4	306.9	359.1	407.0	454.7
52.5°	0.0	29.1	66.8	117.1	171.4	224.8	282.2	339.2	395.4	453.8	504.6
50°	0.0	30.7	72.8	126.3	186.0	245.3	306.5	372.1	433.7	501.4	563.9
47.5°	0.0	32.3	78.6	135.6	200.3	265.4	331.2	405.1	477.5	549.7	626.4
45°	0.0	33.8	84.2	146.1	214.3	285.0	359.8	438.1	522.3	608.6	691.1
42.5°	0.0	35.2	89.6	156.3	227.9	304.2	388.1	474.8	567.1	669.0	764.8
40°	0.0	36.6	94.7	165.8	241.9	322.8	416.2	513.6	615.0	730.6	842.3
37.5°	0.0	37.9	99.7	174.6	256.2	340.8	443.9	551.9	669.2	795.1	922.3
35°	0.0	39.2	104.4	182.9	269.9	361.3	471.2	589.6	723.3	866.5	1009.0
32.5°	0.0	40.3	108.8	190.6	283.0	382.7	499.2	626.7	777.0	938.8	1104.4
30°	0.0	41.4	113.0	197.8	295.6	403.4	529.1	664.9	830.1	1011.8	1202.0
27.5°	0.0	42.4	116.9	204.3	306.0	423.4	557.9	708.2	885.6	1085.2	1301.3
25°	0.0	43.3	120.5	210.3	315.6	442.6	585.7	750.2	945.5	1164.9	1402.2
22.5°	0.0	44.2	123.9	215.7	324.5	459.7	612.3	790.7	1004.3	1247.3	1512.4
20°	0.0	44.9	126.9	220.4	332.7	472.7	637.5	829.5	1061.6	1328.6	1621.7
17.5°	0.0	45.6	129.7	224.6	340.1	484.2	656.5	866.5	1116.9	1408.1	1729.2
15°	0.0	46.2	132.1	228.2	346.7	494.0	670.6	895.6	1169.9	1485.1	1834.0
12.5°	0.0	46.7	134.2	231.1	352.4	502.3	682.8	914.5	1207.9	1558.9	1935.1
10°	0.0	47.1	136.0	233.5	357.3	509.0	692.8	930.2	1232.1	1593.7	2014.0
7.5°	0.0	47.4	137.4	235.3	361.3	514.1	700.7	942.6	1251.7	1616.6	2049.7
5°	0.0	47.6	138.5	236.5	364.4	517.7	706.5	951.6	1266.5	1632.4	2077.4
2.5°	0.0	47.8	139.3	237.1	366.5	519.8	710.0	957.3	1276.4	1641.3	2096.6
0°	0.0	47.8	139.7	237.1	367.7	520.3	711.4	959.6	1281.3	1643.5	2106.8
-2.5°	0.0	47.8	139.3	237.1	366.5	519.8	710.0	957.3	1276.4	1641.3	2096.6
-5°	0.0	47.6	138.5	236.5	364.4	517.7	706.5	951.6	1266.5	1632.4	2077.4
-7.5°	0.0	47.4	137.4	235.3	361.3	514.1	700.7	942.6	1251.7	1616.6	2049.7
-10°	0.0	47.1	136.0	233.5	357.3	509.0	692.8	930.2	1232.1	1593.7	2014.0
-12.5°	0.0	46.7	134.2	231.1	352.4	502.3	682.8	914.5	1207.9	1558.9	1935.1
-15°	0.0	46.2	132.1	228.2	346.7	494.0	670.6	895.6	1169.9	1485.1	1834.0
-17.5°	0.0	45.6	129.7	224.6	340.1	484.2	656.5	866.5	1116.9	1408.1	1729.2
-20°	0.0	44.9	126.9	220.4	332.7	472.7	637.5	829.5	1061.6	1328.6	1621.7



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 CATALOG NUMBER: GFLD-SA4D-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	44.2	123.9	215.7	324.5	459.7	612.3	790.7	1004.3	1247.3	1512.4
-25°	0.0	43.3	120.5	210.3	315.6	442.6	585.7	750.2	945.5	1164.9	1402.2
-27.5°	0.0	42.4	116.9	204.3	306.0	423.4	557.9	708.2	885.6	1085.2	1301.3
-30°	0.0	41.4	113.0	197.8	295.6	403.4	529.1	664.9	830.1	1011.8	1202.0
-32.5°	0.0	40.3	108.8	190.6	283.0	382.7	499.2	626.7	777.0	938.8	1104.4
-35°	0.0	39.2	104.4	182.9	269.9	361.3	471.2	589.6	723.3	866.5	1009.0
-37.5°	0.0	37.9	99.7	174.6	256.2	340.8	443.9	551.9	669.2	795.1	922.3
-40°	0.0	36.6	94.7	165.8	241.9	322.8	416.2	513.6	615.0	730.6	842.3
-42.5°	0.0	35.2	89.6	156.3	227.9	304.2	388.1	474.8	567.1	669.0	764.8
-45°	0.0	33.8	84.2	146.1	214.3	285.0	359.8	438.1	522.3	608.6	691.1
-47.5°	0.0	32.3	78.6	135.6	200.3	265.4	331.2	405.1	477.5	549.7	626.4
-50°	0.0	30.7	72.8	126.3	186.0	245.3	306.5	372.1	433.7	501.4	563.9
-52.5°	0.0	29.1	66.8	117.1	171.4	224.8	282.2	339.2	395.4	453.8	504.6
-55°	0.0	27.4	60.6	107.8	156.5	206.1	257.4	306.9	359.1	407.0	454.7
-57.5°	0.0	25.7	54.2	98.3	141.4	187.6	232.3	278.1	322.7	365.7	406.0
-60°	0.0	23.9	47.8	88.5	126.1	168.8	207.3	249.2	287.2	325.9	360.0
-62.5°	0.0	22.1	44.1	78.6	113.2	149.9	185.3	220.2	255.5	286.2	317.5
-65°	0.0	20.2	40.4	68.5	100.0	130.8	163.1	192.5	223.9	251.2	275.2
-67.5°	0.0	18.3	36.5	58.3	86.7	113.0	140.9	167.8	192.5	217.7	238.1
-70°	0.0	16.3	32.7	47.9	73.3	96.7	118.6	143.0	165.2	184.5	203.5
-72.5°	0.0	14.4	28.7	41.2	59.7	80.2	99.0	118.2	138.0	155.3	170.0
-75°	0.0	12.4	24.7	35.4	46.0	63.6	79.8	95.7	110.9	126.3	139.4
-77.5°	0.0	10.3	20.7	29.6	37.4	47.0	60.5	74.0	86.6	98.1	109.0
-80°	0.0	8.3	16.6	23.7	30.0	35.4	41.1	52.2	62.6	72.0	80.5
-82.5°	0.0	6.2	12.5	17.8	22.5	26.5	30.0	33.9	38.5	45.9	52.6
-85°	0.0	4.2	8.3	11.9	15.0	17.7	20.0	22.6	25.1	27.4	29.5
-87.5°	0.0	2.1	4.2	5.9	7.5	8.9	10.0	11.3	12.6	13.7	14.7
-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: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	15.9	17.0	18.0	19.0	19.9	20.7	21.4	22.1	23.1	24.0	24.8
85°	31.8	34.0	37.6	40.7	43.4	45.8	47.9	49.6	51.4	52.8	53.9
82.5°	58.5	63.4	67.4	70.3	73.7	76.6	79.2	81.3	83.6	85.7	87.6
80°	87.5	93.0	98.8	103.8	108.7	112.4	114.7	115.7	118.6	122.3	126.1
77.5°	118.6	127.0	134.5	140.9	146.1	150.7	154.0	156.0	160.6	166.0	170.7
75°	150.8	161.1	171.4	180.5	187.6	192.9	196.7	199.9	205.5	212.5	218.5
72.5°	184.4	198.3	210.5	221.1	230.6	237.9	243.4	246.9	252.5	260.8	267.5
70°	219.8	235.7	252.2	265.8	275.9	284.6	291.7	296.7	301.8	310.1	316.4
67.5°	256.5	279.1	297.4	311.7	323.1	333.7	341.8	347.1	349.4	357.8	364.8
65°	299.6	323.8	344.2	360.3	371.7	384.8	393.8	398.3	399.7	408.9	417.6
62.5°	343.5	370.3	392.7	411.2	426.0	438.4	448.6	454.3	455.2	462.0	472.0
60°	390.5	417.9	444.5	466.8	482.6	495.4	506.4	512.5	513.7	516.4	527.8
57.5°	439.4	469.0	500.1	525.1	543.5	554.1	566.1	572.8	575.5	573.8	585.5
55°	492.5	523.4	558.5	587.5	607.3	616.9	628.1	637.7	640.9	638.8	645.8
52.5°	552.8	583.5	621.0	652.9	674.9	686.4	694.3	705.9	711.2	708.8	707.5
50°	616.2	654.8	685.7	722.2	748.8	764.0	764.2	778.6	785.5	783.4	773.9
47.5°	687.9	731.4	754.8	796.6	831.2	849.1	850.4	856.1	864.6	866.8	858.7
45°	765.3	818.5	843.6	881.0	919.8	941.6	948.3	938.0	953.2	958.0	952.9
42.5°	846.9	914.7	954.4	969.6	1014.7	1045.1	1056.8	1049.6	1048.8	1059.5	1059.3
40°	941.1	1018.9	1078.7	1094.5	1117.3	1159.2	1184.0	1182.7	1154.8	1174.7	1179.8
37.5°	1041.9	1143.0	1216.8	1249.7	1232.4	1288.3	1324.7	1339.4	1322.1	1302.6	1324.8
35°	1147.9	1275.7	1375.2	1431.1	1433.6	1432.3	1489.3	1519.8	1521.9	1486.2	1494.3
32.5°	1266.5	1416.6	1548.3	1638.8	1679.8	1654.5	1669.3	1733.5	1764.9	1751.3	1699.9
30°	1393.9	1578.1	1739.6	1867.2	1959.0	1986.0	1924.9	1975.0	2044.6	2072.4	2050.1
27.5°	1522.8	1749.5	1954.2	2131.1	2273.4	2363.5	2365.7	2288.3	2367.3	2434.3	2460.3
25°	1653.7	1920.9	2181.8	2421.6	2636.8	2791.8	2863.1	2871.4	2760.9	2861.4	2954.9
22.5°	1793.2	2097.3	2406.9	2731.0	3030.9	3258.4	3431.3	3535.4	3532.1	3426.7	3508.9
20°	1940.9	2289.3	2649.9	3034.2	3443.2	3756.0	4045.7	4267.3	4400.7	4445.0	4358.7
17.5°	2088.2	2483.0	2904.9	3362.7	3835.9	4269.5	4703.7	5057.3	5337.5	5567.4	5649.7
15°	2233.7	2676.2	3160.9	3693.3	4240.3	4783.0	5341.2	5882.7	6359.4	6780.3	7029.8
12.5°	2375.9	2866.8	3414.9	4022.5	4650.2	5303.5	5969.6	6629.3	7316.1	7997.7	8515.7
10°	2512.9	3052.4	3663.7	4345.9	5059.8	5823.8	6596.9	7379.8	8214.1	9018.0	9791.9
7.5°	2571.5	3173.8	3878.0	4659.2	5462.5	6336.1	7214.6	8123.5	9098.3	10036.4	10981.4
5°	2607.7	3221.9	3938.2	4752.1	5645.7	6670.4	7718.7	8844.5	9956.9	11036.9	12150.5
2.5°	2631.8	3254.9	3978.4	4788.8	5673.0	6725.3	7786.7	8955.7	10203.8	11452.6	12778.3
0°	2643.6	3272.3	3998.4	4800.0	5669.5	6743.1	7813.0	9019.0	10283.8	11554.1	12910.8
-2.5°	2631.8	3254.9	3978.4	4788.8	5673.0	6725.3	7786.7	8955.7	10203.8	11452.6	12778.3
-5°	2607.7	3221.9	3938.2	4752.1	5645.7	6670.4	7718.7	8844.5	9956.9	11036.9	12150.5
-7.5°	2571.5	3173.8	3878.0	4659.2	5462.5	6336.1	7214.6	8123.5	9098.3	10036.4	10981.4
-10°	2512.9	3052.4	3663.7	4345.9	5059.8	5823.8	6596.9	7379.8	8214.1	9018.0	9791.9
-12.5°	2375.9	2866.8	3414.9	4022.5	4650.2	5303.5	5969.6	6629.3	7316.1	7997.7	8515.7
-15°	2233.7	2676.2	3160.9	3693.3	4240.3	4783.0	5341.2	5882.7	6359.4	6780.3	7029.8
-17.5°	2088.2	2483.0	2904.9	3362.7	3835.9	4269.5	4703.7	5057.3	5337.5	5567.4	5649.7
-20°	1940.9	2289.3	2649.9	3034.2	3443.2	3756.0	4045.7	4267.3	4400.7	4445.0	4358.7



REPORT NUMBER: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	1793.2	2097.3	2406.9	2731.0	3030.9	3258.4	3431.3	3535.4	3532.1	3426.7	3508.9
-25°	1653.7	1920.9	2181.8	2421.6	2636.8	2791.8	2863.1	2871.4	2760.9	2861.4	2954.9
-27.5°	1522.8	1749.5	1954.2	2131.1	2273.4	2363.5	2365.7	2288.3	2367.3	2434.3	2460.3
-30°	1393.9	1578.1	1739.6	1867.2	1959.0	1986.0	1924.9	1975.0	2044.6	2072.4	2050.1
-32.5°	1266.5	1416.6	1548.3	1638.8	1679.8	1654.5	1669.3	1733.5	1764.9	1751.3	1699.9
-35°	1147.9	1275.7	1375.2	1431.1	1433.6	1432.3	1489.3	1519.8	1521.9	1486.2	1494.3
-37.5°	1041.9	1143.0	1216.8	1249.7	1232.4	1288.3	1324.7	1339.4	1322.1	1302.6	1324.8
-40°	941.1	1018.9	1078.7	1094.5	1117.3	1159.2	1184.0	1182.7	1154.8	1174.7	1179.8
-42.5°	846.9	914.7	954.4	969.6	1014.7	1045.1	1056.8	1049.6	1048.8	1059.5	1059.3
-45°	765.3	818.5	843.6	881.0	919.8	941.6	948.3	938.0	953.2	958.0	952.9
-47.5°	687.9	731.4	754.8	796.6	831.2	849.1	850.4	856.1	864.6	866.8	858.7
-50°	616.2	654.8	685.7	722.2	748.8	764.0	764.2	778.6	785.5	783.4	773.9
-52.5°	552.8	583.5	621.0	652.9	674.9	686.4	694.3	705.9	711.2	708.8	707.5
-55°	492.5	523.4	558.5	587.5	607.3	616.9	628.1	637.7	640.9	638.8	645.8
-57.5°	439.4	469.0	500.1	525.1	543.5	554.1	566.1	572.8	575.5	573.8	585.5
-60°	390.5	417.9	444.5	466.8	482.6	495.4	506.4	512.5	513.7	516.4	527.8
-62.5°	343.5	370.3	392.7	411.2	426.0	438.4	448.6	454.3	455.2	462.0	472.0
-65°	299.6	323.8	344.2	360.3	371.7	384.8	393.8	398.3	399.7	408.9	417.6
-67.5°	256.5	279.1	297.4	311.7	323.1	333.7	341.8	347.1	349.4	357.8	364.8
-70°	219.8	235.7	252.2	265.8	275.9	284.6	291.7	296.7	301.8	310.1	316.4
-72.5°	184.4	198.3	210.5	221.1	230.6	237.9	243.4	246.9	252.5	260.8	267.5
-75°	150.8	161.1	171.4	180.5	187.6	192.9	196.7	199.9	205.5	212.5	218.5
-77.5°	118.6	127.0	134.5	140.9	146.1	150.7	154.0	156.0	160.6	166.0	170.7
-80°	87.5	93.0	98.8	103.8	108.7	112.4	114.7	115.7	118.6	122.3	126.1
-82.5°	58.5	63.4	67.4	70.3	73.7	76.6	79.2	81.3	83.6	85.7	87.6
-85°	31.8	34.0	37.6	40.7	43.4	45.8	47.9	49.6	51.4	52.8	53.9
-87.5°	15.9	17.0	18.0	19.0	19.9	20.7	21.4	22.1	23.1	24.0	24.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	25.6	25.2	24.7	24.0	23.3	23.3	23.3	23.2	23.1	22.9	22.7
85°	54.7	55.8	56.8	57.7	58.6	59.6	60.4	61.0	61.6	61.5	61.3
82.5°	89.1	92.1	95.1	97.9	100.5	101.9	103.0	103.7	104.0	104.9	105.5
80°	129.4	133.7	137.8	141.1	143.9	145.9	147.6	148.9	149.8	150.9	151.6
77.5°	175.0	179.9	184.5	188.7	192.2	195.5	198.3	200.5	202.1	204.7	207.0
75°	223.5	229.1	234.8	240.0	244.6	249.4	254.2	258.6	262.5	265.8	268.2
72.5°	272.6	278.4	285.5	292.1	298.2	304.8	311.2	316.8	321.6	326.2	330.3
70°	321.1	326.5	335.6	344.4	352.6	360.5	368.2	375.1	381.2	387.1	392.5
67.5°	371.0	376.8	388.1	398.3	407.4	416.0	425.0	433.0	440.0	446.3	451.7
65°	424.4	429.4	441.7	452.9	462.5	470.6	480.3	489.1	496.9	503.8	509.6
62.5°	479.6	484.6	494.8	505.8	515.0	522.8	534.1	544.0	552.4	559.4	565.2
60°	535.6	540.0	547.8	559.9	570.2	578.6	588.7	598.3	606.5	613.4	619.5
57.5°	593.8	598.2	602.0	614.1	624.0	631.7	640.5	649.9	657.8	664.3	670.6
55°	653.9	657.3	656.2	667.4	676.6	682.9	689.4	699.4	707.2	713.0	718.8
52.5°	715.4	719.4	716.6	721.4	731.5	737.1	740.0	750.7	758.8	763.9	769.2
50°	783.8	787.1	784.5	781.8	791.6	797.5	799.1	807.8	815.1	819.1	822.9
47.5°	858.0	861.9	859.9	849.2	858.0	865.4	865.6	869.3	876.9	879.9	882.2
45°	938.6	946.3	944.7	937.2	936.0	943.6	942.9	939.9	948.6	952.5	953.7
42.5°	1044.5	1042.0	1044.4	1040.1	1026.8	1035.4	1036.5	1025.5	1036.5	1041.2	1038.4
40°	1174.1	1150.5	1163.5	1161.6	1149.1	1147.2	1154.0	1145.2	1146.8	1153.5	1148.3
37.5°	1328.3	1311.4	1304.3	1310.2	1306.6	1290.6	1303.4	1300.2	1290.2	1301.5	1296.5
35°	1518.1	1513.1	1475.0	1498.2	1503.0	1487.8	1492.2	1498.8	1476.9	1494.1	1492.3
32.5°	1740.1	1751.4	1743.1	1728.9	1750.5	1753.3	1728.2	1758.3	1746.2	1750.5	1762.3
30°	1991.5	2049.1	2077.2	2052.1	2065.6	2092.4	2080.1	2101.0	2111.0	2095.4	2125.0
27.5°	2430.6	2410.1	2477.3	2506.6	2475.3	2524.2	2559.8	2544.0	2596.0	2565.3	2609.2
25°	2988.6	2958.5	2976.5	3073.3	3094.7	3069.9	3170.1	3181.8	3223.1	3228.2	3258.8
22.5°	3644.2	3716.8	3708.3	3737.8	3859.2	3899.9	3936.9	4033.3	4011.4	4098.7	4113.9
20°	4377.3	4559.6	4685.3	4711.7	4763.6	4903.4	4967.5	5043.5	5094.6	5177.2	5247.2
17.5°	5617.4	5523.9	5770.4	5925.2	6006.6	6035.7	6204.0	6258.8	6385.2	6457.4	6529.2
15°	7209.6	7264.1	7152.8	7300.5	7549.8	7633.9	7537.2	7763.1	7826.7	7948.3	7969.9
12.5°	8911.5	9187.0	9322.1	9358.8	9228.5	9583.1	9725.1	9546.8	9749.1	9712.6	9879.1
10°	10535.4	11204.8	11605.4	11887.3	12058.6	12161.8	12264.4	12448.7	12451.9	12588.4	12508.7
7.5°	11868.5	12717.2	13528.0	14314.4	14943.6	15296.3	15573.2	15838.8	16193.3	16363.0	16473.3
5°	13172.8	14152.0	15122.1	16075.5	16938.9	17769.5	18583.6	19289.7	19663.9	20101.2	20491.1
2.5°	14016.4	15255.0	16493.9	17721.0	18718.6	19634.0	20481.3	21268.2	21958.6	22597.2	23136.5
0°	14181.1	15567.2	16859.6	18084.0	19207.2	20337.8	21325.0	22214.8	22966.7	23645.0	24102.8
-2.5°	14016.4	15255.0	16493.9	17721.0	18718.6	19634.0	20481.3	21268.2	21958.6	22597.2	23136.5
-5°	13172.8	14152.0	15122.1	16075.5	16938.9	17769.5	18583.6	19289.7	19663.9	20101.2	20491.1
-7.5°	11868.5	12717.2	13528.0	14314.4	14943.6	15296.3	15573.2	15838.8	16193.3	16363.0	16473.3
-10°	10535.4	11204.8	11605.4	11887.3	12058.6	12161.8	12264.4	12448.7	12451.9	12588.4	12508.7
-12.5°	8911.5	9187.0	9322.1	9358.8	9228.5	9583.1	9725.1	9546.8	9749.1	9712.6	9879.1
-15°	7209.6	7264.1	7152.8	7300.5	7549.8	7633.9	7537.2	7763.1	7826.7	7948.3	7969.9
-17.5°	5617.4	5523.9	5770.4	5925.2	6006.6	6035.7	6204.0	6258.8	6385.2	6457.4	6529.2
-20°	4377.3	4559.6	4685.3	4711.7	4763.6	4903.4	4967.5	5043.5	5094.6	5177.2	5247.2



REPORT NUMBER: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	3644.2	3716.8	3708.3	3737.8	3859.2	3899.9	3936.9	4033.3	4011.4	4098.7	4113.9
-25°	2988.6	2958.5	2976.5	3073.3	3094.7	3069.9	3170.1	3181.8	3223.1	3228.2	3258.8
-27.5°	2430.6	2410.1	2477.3	2506.6	2475.3	2524.2	2559.8	2544.0	2596.0	2565.3	2609.2
-30°	1991.5	2049.1	2077.2	2052.1	2065.6	2092.4	2080.1	2101.0	2111.0	2095.4	2125.0
-32.5°	1740.1	1751.4	1743.1	1728.9	1750.5	1753.3	1728.2	1758.3	1746.2	1750.5	1762.3
-35°	1518.1	1513.1	1475.0	1498.2	1503.0	1487.8	1492.2	1498.8	1476.9	1494.1	1492.3
-37.5°	1328.3	1311.4	1304.3	1310.2	1306.6	1290.6	1303.4	1300.2	1290.2	1301.5	1296.5
-40°	1174.1	1150.5	1163.5	1161.6	1149.1	1147.2	1154.0	1145.2	1146.8	1153.5	1148.3
-42.5°	1044.5	1042.0	1044.4	1040.1	1026.8	1035.4	1036.5	1025.5	1036.5	1041.2	1038.4
-45°	938.6	946.3	944.7	937.2	936.0	943.6	942.9	939.9	948.6	952.5	953.7
-47.5°	858.0	861.9	859.9	849.2	858.0	865.4	865.6	869.3	876.9	879.9	882.2
-50°	783.8	787.1	784.5	781.8	791.6	797.5	799.1	807.8	815.1	819.1	822.9
-52.5°	715.4	719.4	716.6	721.4	731.5	737.1	740.0	750.7	758.8	763.9	769.2
-55°	653.9	657.3	656.2	667.4	676.6	682.9	689.4	699.4	707.2	713.0	718.8
-57.5°	593.8	598.2	602.0	614.1	624.0	631.7	640.5	649.9	657.8	664.3	670.6
-60°	535.6	540.0	547.8	559.9	570.2	578.6	588.7	598.3	606.5	613.4	619.5
-62.5°	479.6	484.6	494.8	505.8	515.0	522.8	534.1	544.0	552.4	559.4	565.2
-65°	424.4	429.4	441.7	452.9	462.5	470.6	480.3	489.1	496.9	503.8	509.6
-67.5°	371.0	376.8	388.1	398.3	407.4	416.0	425.0	433.0	440.0	446.3	451.7
-70°	321.1	326.5	335.6	344.4	352.6	360.5	368.2	375.1	381.2	387.1	392.5
-72.5°	272.6	278.4	285.5	292.1	298.2	304.8	311.2	316.8	321.6	326.2	330.3
-75°	223.5	229.1	234.8	240.0	244.6	249.4	254.2	258.6	262.5	265.8	268.2
-77.5°	175.0	179.9	184.5	188.7	192.2	195.5	198.3	200.5	202.1	204.7	207.0
-80°	129.4	133.7	137.8	141.1	143.9	145.9	147.6	148.9	149.8	150.9	151.6
-82.5°	89.1	92.1	95.1	97.9	100.5	101.9	103.0	103.7	104.0	104.9	105.5
-85°	54.7	55.8	56.8	57.7	58.6	59.6	60.4	61.0	61.6	61.5	61.3
-87.5°	25.6	25.2	24.7	24.0	23.3	23.3	23.3	23.2	23.1	22.9	22.7
-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: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	22.4	22.0	23.0	23.9	23.0	22.0	22.4	22.7	22.9	23.1	23.2
85°	60.9	60.4	61.5	62.5	61.5	60.4	60.9	61.3	61.5	61.6	61.0
82.5°	105.9	106.1	106.5	106.6	106.5	106.1	105.9	105.5	104.9	104.0	103.7
80°	152.0	151.9	151.5	150.7	151.5	151.9	152.0	151.6	150.9	149.8	148.9
77.5°	208.9	210.3	211.1	211.4	211.1	210.3	208.9	207.0	204.7	202.1	200.5
75°	269.9	270.7	270.8	270.2	270.8	270.7	269.9	268.2	265.8	262.5	258.6
72.5°	333.8	336.4	336.9	336.4	336.9	336.4	333.8	330.3	326.2	321.6	316.8
70°	397.0	400.4	400.4	398.9	400.4	400.4	397.0	392.5	387.1	381.2	375.1
67.5°	456.0	459.2	461.7	463.3	461.7	459.2	456.0	451.7	446.3	440.0	433.0
65°	514.3	517.8	519.7	520.3	519.7	517.8	514.3	509.6	503.8	496.9	489.1
62.5°	569.7	572.9	574.8	575.4	574.8	572.9	569.7	565.2	559.4	552.4	544.0
60°	624.4	627.8	628.4	626.9	628.4	627.8	624.4	619.5	613.4	606.5	598.3
57.5°	675.6	679.1	679.1	676.5	679.1	679.1	675.6	670.6	664.3	657.8	649.9
55°	723.0	725.6	726.6	726.2	726.6	725.6	723.0	718.8	713.0	707.2	699.4
52.5°	773.2	775.2	776.1	775.8	776.1	775.2	773.2	769.2	763.9	758.8	750.7
50°	825.6	825.8	825.7	825.4	825.7	825.8	825.6	822.9	819.1	815.1	807.8
47.5°	885.4	886.0	886.1	886.1	886.1	886.0	885.4	882.2	879.9	876.9	869.3
45°	956.1	954.1	952.1	952.3	952.1	954.1	956.1	953.7	952.5	948.6	939.9
42.5°	1041.0	1038.8	1036.2	1036.8	1036.2	1038.8	1041.0	1038.4	1041.2	1036.5	1025.5
40°	1152.9	1152.3	1148.5	1147.1	1148.5	1152.3	1152.9	1148.3	1153.5	1146.8	1145.2
37.5°	1297.2	1295.2	1286.8	1283.2	1286.8	1295.2	1297.2	1296.5	1301.5	1290.2	1300.2
35°	1487.2	1484.4	1471.5	1472.5	1471.5	1484.4	1487.2	1492.3	1494.1	1476.9	1498.8
32.5°	1756.4	1757.4	1738.0	1733.6	1738.0	1757.4	1756.4	1762.3	1750.5	1746.2	1758.3
30°	2106.5	2114.2	2091.4	2101.2	2091.4	2114.2	2106.5	2125.0	2095.4	2111.0	2101.0
27.5°	2608.4	2623.0	2602.9	2586.6	2602.9	2623.0	2608.4	2609.2	2565.3	2596.0	2544.0
25°	3299.1	3310.0	3287.0	3266.8	3287.0	3310.0	3299.1	3258.8	3228.2	3223.1	3181.8
22.5°	4198.2	4197.5	4196.3	4228.2	4196.3	4197.5	4198.2	4113.9	4098.7	4011.4	4033.3
20°	5292.3	5265.8	5305.6	5331.2	5305.6	5265.8	5292.3	5247.2	5177.2	5094.6	5043.5
17.5°	6545.8	6595.4	6633.5	6697.2	6633.5	6595.4	6545.8	6529.2	6457.4	6385.2	6258.8
15°	8023.8	8098.7	8136.9	8116.4	8136.9	8098.7	8023.8	7969.9	7948.3	7826.7	7763.1
12.5°	9884.9	9974.4	9908.3	9826.0	9908.3	9974.4	9884.9	9879.1	9712.6	9749.1	9546.8
10°	12509.9	12702.6	12713.4	12552.3	12713.4	12702.6	12509.9	12508.7	12588.4	12451.9	12448.7
7.5°	16537.4	16631.1	16773.4	16780.6	16773.4	16631.1	16537.4	16473.3	16363.0	16193.3	15838.8
5°	20667.8	20917.3	21078.2	21356.2	21078.2	20917.3	20667.8	20491.1	20101.2	19663.9	19289.7
2.5°	23484.8	23807.2	23931.0	24246.2	23931.0	23807.2	23484.8	23136.5	22597.2	21958.6	21268.2
0°	24510.9	24771.9	24928.2	25053.2	24928.2	24771.9	24510.9	24102.8	23645.0	22966.7	22214.8
-2.5°	23484.8	23807.2	23931.0	24246.2	23931.0	23807.2	23484.8	23136.5	22597.2	21958.6	21268.2
-5°	20667.8	20917.3	21078.2	21356.2	21078.2	20917.3	20667.8	20491.1	20101.2	19663.9	19289.7
-7.5°	16537.4	16631.1	16773.4	16780.6	16773.4	16631.1	16537.4	16473.3	16363.0	16193.3	15838.8
-10°	12509.9	12702.6	12713.4	12552.3	12713.4	12702.6	12509.9	12508.7	12588.4	12451.9	12448.7
-12.5°	9884.9	9974.4	9908.3	9826.0	9908.3	9974.4	9884.9	9879.1	9712.6	9749.1	9546.8
-15°	8023.8	8098.7	8136.9	8116.4	8136.9	8098.7	8023.8	7969.9	7948.3	7826.7	7763.1
-17.5°	6545.8	6595.4	6633.5	6697.2	6633.5	6595.4	6545.8	6529.2	6457.4	6385.2	6258.8
-20°	5292.3	5265.8	5305.6	5331.2	5305.6	5265.8	5292.3	5247.2	5177.2	5094.6	5043.5



REPORT NUMBER: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	4198.2	4197.5	4196.3	4228.2	4196.3	4197.5	4198.2	4113.9	4098.7	4011.4	4033.3
-25°	3299.1	3310.0	3287.0	3266.8	3287.0	3310.0	3299.1	3258.8	3228.2	3223.1	3181.8
-27.5°	2608.4	2623.0	2602.9	2586.6	2602.9	2623.0	2608.4	2609.2	2565.3	2596.0	2544.0
-30°	2106.5	2114.2	2091.4	2101.2	2091.4	2114.2	2106.5	2125.0	2095.4	2111.0	2101.0
-32.5°	1756.4	1757.4	1738.0	1733.6	1738.0	1757.4	1756.4	1762.3	1750.5	1746.2	1758.3
-35°	1487.2	1484.4	1471.5	1472.5	1471.5	1484.4	1487.2	1492.3	1494.1	1476.9	1498.8
-37.5°	1297.2	1295.2	1286.8	1283.2	1286.8	1295.2	1297.2	1296.5	1301.5	1290.2	1300.2
-40°	1152.9	1152.3	1148.5	1147.1	1148.5	1152.3	1152.9	1148.3	1153.5	1146.8	1145.2
-42.5°	1041.0	1038.8	1036.2	1036.8	1036.2	1038.8	1041.0	1038.4	1041.2	1036.5	1025.5
-45°	956.1	954.1	952.1	952.3	952.1	954.1	956.1	953.7	952.5	948.6	939.9
-47.5°	885.4	886.0	886.1	886.1	886.1	886.0	885.4	882.2	879.9	876.9	869.3
-50°	825.6	825.8	825.7	825.4	825.7	825.8	825.6	822.9	819.1	815.1	807.8
-52.5°	773.2	775.2	776.1	775.8	776.1	775.2	773.2	769.2	763.9	758.8	750.7
-55°	723.0	725.6	726.6	726.2	726.6	725.6	723.0	718.8	713.0	707.2	699.4
-57.5°	675.6	679.1	679.1	676.5	679.1	679.1	675.6	670.6	664.3	657.8	649.9
-60°	624.4	627.8	628.4	626.9	628.4	627.8	624.4	619.5	613.4	606.5	598.3
-62.5°	569.7	572.9	574.8	575.4	574.8	572.9	569.7	565.2	559.4	552.4	544.0
-65°	514.3	517.8	519.7	520.3	519.7	517.8	514.3	509.6	503.8	496.9	489.1
-67.5°	456.0	459.2	461.7	463.3	461.7	459.2	456.0	451.7	446.3	440.0	433.0
-70°	397.0	400.4	400.4	398.9	400.4	400.4	397.0	392.5	387.1	381.2	375.1
-72.5°	333.8	336.4	336.9	336.4	336.9	336.4	333.8	330.3	326.2	321.6	316.8
-75°	269.9	270.7	270.8	270.2	270.8	270.7	269.9	268.2	265.8	262.5	258.6
-77.5°	208.9	210.3	211.1	211.4	211.1	210.3	208.9	207.0	204.7	202.1	200.5
-80°	152.0	151.9	151.5	150.7	151.5	151.9	152.0	151.6	150.9	149.8	148.9
-82.5°	105.9	106.1	106.5	106.6	106.5	106.1	105.9	105.5	104.9	104.0	103.7
-85°	60.9	60.4	61.5	62.5	61.5	60.4	60.9	61.3	61.5	61.6	61.0
-87.5°	22.4	22.0	23.0	23.9	23.0	22.0	22.4	22.7	22.9	23.1	23.2
-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: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	23.3	23.3	23.3	24.0	24.7	25.2	25.6	24.8	24.0	23.1	22.1
85°	60.4	59.6	58.6	57.7	56.8	55.8	54.7	53.9	52.8	51.4	49.6
82.5°	103.0	101.9	100.5	97.9	95.1	92.1	89.1	87.6	85.7	83.6	81.3
80°	147.6	145.9	143.9	141.1	137.8	133.7	129.4	126.1	122.3	118.6	115.7
77.5°	198.3	195.5	192.2	188.7	184.5	179.9	175.0	170.7	166.0	160.6	156.0
75°	254.2	249.4	244.6	240.0	234.8	229.1	223.5	218.5	212.5	205.5	199.9
72.5°	311.2	304.8	298.2	292.1	285.5	278.4	272.6	267.5	260.8	252.5	246.9
70°	368.2	360.5	352.6	344.4	335.6	326.5	321.1	316.4	310.1	301.8	296.7
67.5°	425.0	416.0	407.4	398.3	388.1	376.8	371.0	364.8	357.8	349.4	347.1
65°	480.3	470.6	462.5	452.9	441.7	429.4	424.4	417.6	408.9	399.7	398.3
62.5°	534.1	522.8	515.0	505.8	494.8	484.6	479.6	472.0	462.0	455.2	454.3
60°	588.7	578.6	570.2	559.9	547.8	540.0	535.6	527.8	516.4	513.7	512.5
57.5°	640.5	631.7	624.0	614.1	602.0	598.2	593.8	585.5	573.8	575.5	572.8
55°	689.4	682.9	676.6	667.4	656.2	657.3	653.9	645.8	638.8	640.9	637.7
52.5°	740.0	737.1	731.5	721.4	716.6	719.4	715.4	707.5	708.8	711.2	705.9
50°	799.1	797.5	791.6	781.8	784.5	787.1	783.8	773.9	783.4	785.5	778.6
47.5°	865.6	865.4	858.0	849.2	859.9	861.9	858.0	858.7	866.8	864.6	856.1
45°	942.9	943.6	936.0	937.2	944.7	946.3	938.6	952.9	958.0	953.2	938.0
42.5°	1036.5	1035.4	1026.8	1040.1	1044.4	1042.0	1044.5	1059.3	1059.5	1048.8	1049.6
40°	1154.0	1147.2	1149.1	1161.6	1163.5	1150.5	1174.1	1179.8	1174.7	1154.8	1182.7
37.5°	1303.4	1290.6	1306.6	1310.2	1304.3	1311.4	1328.3	1324.8	1302.6	1322.1	1339.4
35°	1492.2	1487.8	1503.0	1498.2	1475.0	1513.1	1518.1	1494.3	1486.2	1521.9	1519.8
32.5°	1728.2	1753.3	1750.5	1728.9	1743.1	1751.4	1740.1	1699.9	1751.3	1764.9	1733.5
30°	2080.1	2092.4	2065.6	2052.1	2077.2	2049.1	1991.5	2050.1	2072.4	2044.6	1975.0
27.5°	2559.8	2524.2	2475.3	2506.6	2477.3	2410.1	2430.6	2460.3	2434.3	2367.3	2288.3
25°	3170.1	3069.9	3094.7	3073.3	2976.5	2958.5	2988.6	2954.9	2861.4	2760.9	2871.4
22.5°	3936.9	3899.9	3859.2	3737.8	3708.3	3716.8	3644.2	3508.9	3426.7	3532.1	3535.4
20°	4967.5	4903.4	4763.6	4711.7	4685.3	4559.6	4377.3	4358.7	4445.0	4400.7	4267.3
17.5°	6204.0	6035.7	6006.6	5925.2	5770.4	5523.9	5617.4	5649.7	5567.4	5337.5	5057.3
15°	7537.2	7633.9	7549.8	7300.5	7152.8	7264.1	7209.6	7029.8	6780.3	6359.4	5882.7
12.5°	9725.1	9583.1	9228.5	9358.8	9322.1	9187.0	8911.5	8515.7	7997.7	7316.1	6629.3
10°	12264.4	12161.8	12058.6	11887.3	11605.4	11204.8	10535.4	9791.9	9018.0	8214.1	7379.8
7.5°	15573.2	15296.3	14943.6	14314.4	13528.0	12717.2	11868.5	10981.4	10036.4	9098.3	8123.5
5°	18583.6	17769.5	16938.9	16075.5	15122.1	14152.0	13172.8	12150.5	11036.9	9956.9	8844.5
2.5°	20481.3	19634.0	18718.6	17721.0	16493.9	15255.0	14016.4	12778.3	11452.6	10203.8	8955.7
0°	21325.0	20337.8	19207.2	18084.0	16859.6	15567.2	14181.1	12910.8	11554.1	10283.8	9019.0
-2.5°	20481.3	19634.0	18718.6	17721.0	16493.9	15255.0	14016.4	12778.3	11452.6	10203.8	8955.7
-5°	18583.6	17769.5	16938.9	16075.5	15122.1	14152.0	13172.8	12150.5	11036.9	9956.9	8844.5
-7.5°	15573.2	15296.3	14943.6	14314.4	13528.0	12717.2	11868.5	10981.4	10036.4	9098.3	8123.5
-10°	12264.4	12161.8	12058.6	11887.3	11605.4	11204.8	10535.4	9791.9	9018.0	8214.1	7379.8
-12.5°	9725.1	9583.1	9228.5	9358.8	9322.1	9187.0	8911.5	8515.7	7997.7	7316.1	6629.3
-15°	7537.2	7633.9	7549.8	7300.5	7152.8	7264.1	7209.6	7029.8	6780.3	6359.4	5882.7
-17.5°	6204.0	6035.7	6006.6	5925.2	5770.4	5523.9	5617.4	5649.7	5567.4	5337.5	5057.3
-20°	4967.5	4903.4	4763.6	4711.7	4685.3	4559.6	4377.3	4358.7	4445.0	4400.7	4267.3



REPORT NUMBER: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	3936.9	3899.9	3859.2	3737.8	3708.3	3716.8	3644.2	3508.9	3426.7	3532.1	3535.4
-25°	3170.1	3069.9	3094.7	3073.3	2976.5	2958.5	2988.6	2954.9	2861.4	2760.9	2871.4
-27.5°	2559.8	2524.2	2475.3	2506.6	2477.3	2410.1	2430.6	2460.3	2434.3	2367.3	2288.3
-30°	2080.1	2092.4	2065.6	2052.1	2077.2	2049.1	1991.5	2050.1	2072.4	2044.6	1975.0
-32.5°	1728.2	1753.3	1750.5	1728.9	1743.1	1751.4	1740.1	1699.9	1751.3	1764.9	1733.5
-35°	1492.2	1487.8	1503.0	1498.2	1475.0	1513.1	1518.1	1494.3	1486.2	1521.9	1519.8
-37.5°	1303.4	1290.6	1306.6	1310.2	1304.3	1311.4	1328.3	1324.8	1302.6	1322.1	1339.4
-40°	1154.0	1147.2	1149.1	1161.6	1163.5	1150.5	1174.1	1179.8	1174.7	1154.8	1182.7
-42.5°	1036.5	1035.4	1026.8	1040.1	1044.4	1042.0	1044.5	1059.3	1059.5	1048.8	1049.6
-45°	942.9	943.6	936.0	937.2	944.7	946.3	938.6	952.9	958.0	953.2	938.0
-47.5°	865.6	865.4	858.0	849.2	859.9	861.9	858.0	858.7	866.8	864.6	856.1
-50°	799.1	797.5	791.6	781.8	784.5	787.1	783.8	773.9	783.4	785.5	778.6
-52.5°	740.0	737.1	731.5	721.4	716.6	719.4	715.4	707.5	708.8	711.2	705.9
-55°	689.4	682.9	676.6	667.4	656.2	657.3	653.9	645.8	638.8	640.9	637.7
-57.5°	640.5	631.7	624.0	614.1	602.0	598.2	593.8	585.5	573.8	575.5	572.8
-60°	588.7	578.6	570.2	559.9	547.8	540.0	535.6	527.8	516.4	513.7	512.5
-62.5°	534.1	522.8	515.0	505.8	494.8	484.6	479.6	472.0	462.0	455.2	454.3
-65°	480.3	470.6	462.5	452.9	441.7	429.4	424.4	417.6	408.9	399.7	398.3
-67.5°	425.0	416.0	407.4	398.3	388.1	376.8	371.0	364.8	357.8	349.4	347.1
-70°	368.2	360.5	352.6	344.4	335.6	326.5	321.1	316.4	310.1	301.8	296.7
-72.5°	311.2	304.8	298.2	292.1	285.5	278.4	272.6	267.5	260.8	252.5	246.9
-75°	254.2	249.4	244.6	240.0	234.8	229.1	223.5	218.5	212.5	205.5	199.9
-77.5°	198.3	195.5	192.2	188.7	184.5	179.9	175.0	170.7	166.0	160.6	156.0
-80°	147.6	145.9	143.9	141.1	137.8	133.7	129.4	126.1	122.3	118.6	115.7
-82.5°	103.0	101.9	100.5	97.9	95.1	92.1	89.1	87.6	85.7	83.6	81.3
-85°	60.4	59.6	58.6	57.7	56.8	55.8	54.7	53.9	52.8	51.4	49.6
-87.5°	23.3	23.3	23.3	24.0	24.7	25.2	25.6	24.8	24.0	23.1	22.1
-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: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	21.4	20.7	19.9	19.0	18.0	17.0	15.9	14.7	13.7	12.6	11.3
85°	47.9	45.8	43.4	40.7	37.6	34.0	31.8	29.5	27.4	25.1	22.6
82.5°	79.2	76.6	73.7	70.3	67.4	63.4	58.5	52.6	45.9	38.5	33.9
80°	114.7	112.4	108.7	103.8	98.8	93.0	87.5	80.5	72.0	62.6	52.2
77.5°	154.0	150.7	146.1	140.9	134.5	127.0	118.6	109.0	98.1	86.6	74.0
75°	196.7	192.9	187.6	180.5	171.4	161.1	150.8	139.4	126.3	110.9	95.7
72.5°	243.4	237.9	230.6	221.1	210.5	198.3	184.4	170.0	155.3	138.0	118.2
70°	291.7	284.6	275.9	265.8	252.2	235.7	219.8	203.5	184.5	165.2	143.0
67.5°	341.8	333.7	323.1	311.7	297.4	279.1	256.5	238.1	217.7	192.5	167.8
65°	393.8	384.8	371.7	360.3	344.2	323.8	299.6	275.2	251.2	223.9	192.5
62.5°	448.6	438.4	426.0	411.2	392.7	370.3	343.5	317.5	286.2	255.5	220.2
60°	506.4	495.4	482.6	466.8	444.5	417.9	390.5	360.0	325.9	287.2	249.2
57.5°	566.1	554.1	543.5	525.1	500.1	469.0	439.4	406.0	365.7	322.7	278.1
55°	628.1	616.9	607.3	587.5	558.5	523.4	492.5	454.7	407.0	359.1	306.9
52.5°	694.3	686.4	674.9	652.9	621.0	583.5	552.8	504.6	453.8	395.4	339.2
50°	764.2	764.0	748.8	722.2	685.7	654.8	616.2	563.9	501.4	433.7	372.1
47.5°	850.4	849.1	831.2	796.6	754.8	731.4	687.9	626.4	549.7	477.5	405.1
45°	948.3	941.6	919.8	881.0	843.6	818.5	765.3	691.1	608.6	522.3	438.1
42.5°	1056.8	1045.1	1014.7	969.6	954.4	914.7	846.9	764.8	669.0	567.1	474.8
40°	1184.0	1159.2	1117.3	1094.5	1078.7	1018.9	941.1	842.3	730.6	615.0	513.6
37.5°	1324.7	1288.3	1232.4	1249.7	1216.8	1143.0	1041.9	922.3	795.1	669.2	551.9
35°	1489.3	1432.3	1433.6	1431.1	1375.2	1275.7	1147.9	1009.0	866.5	723.3	589.6
32.5°	1669.3	1654.5	1679.8	1638.8	1548.3	1416.6	1266.5	1104.4	938.8	777.0	626.7
30°	1924.9	1986.0	1959.0	1867.2	1739.6	1578.1	1393.9	1202.0	1011.8	830.1	664.9
27.5°	2365.7	2363.5	2273.4	2131.1	1954.2	1749.5	1522.8	1301.3	1085.2	885.6	708.2
25°	2863.1	2791.8	2636.8	2421.6	2181.8	1920.9	1653.7	1402.2	1164.9	945.5	750.2
22.5°	3431.3	3258.4	3030.9	2731.0	2406.9	2097.3	1793.2	1512.4	1247.3	1004.3	790.7
20°	4045.7	3756.0	3443.2	3034.2	2649.9	2289.3	1940.9	1621.7	1328.6	1061.6	829.5
17.5°	4703.7	4269.5	3835.9	3362.7	2904.9	2483.0	2088.2	1729.2	1408.1	1116.9	866.5
15°	5341.2	4783.0	4240.3	3693.3	3160.9	2676.2	2233.7	1834.0	1485.1	1169.9	895.6
12.5°	5969.6	5303.5	4650.2	4022.5	3414.9	2866.8	2375.9	1935.1	1558.9	1207.9	914.5
10°	6596.9	5823.8	5059.8	4345.9	3663.7	3052.4	2512.9	2014.0	1593.7	1232.1	930.2
7.5°	7214.6	6336.1	5462.5	4659.2	3878.0	3173.8	2571.5	2049.7	1616.6	1251.7	942.6
5°	7718.7	6670.4	5645.7	4752.1	3938.2	3221.9	2607.7	2077.4	1632.4	1266.5	951.6
2.5°	7786.7	6725.3	5673.0	4788.8	3978.4	3254.9	2631.8	2096.6	1641.3	1276.4	957.3
0°	7813.0	6743.1	5669.5	4800.0	3998.4	3272.3	2643.6	2106.8	1643.5	1281.3	959.6
-2.5°	7786.7	6725.3	5673.0	4788.8	3978.4	3254.9	2631.8	2096.6	1641.3	1276.4	957.3
-5°	7718.7	6670.4	5645.7	4752.1	3938.2	3221.9	2607.7	2077.4	1632.4	1266.5	951.6
-7.5°	7214.6	6336.1	5462.5	4659.2	3878.0	3173.8	2571.5	2049.7	1616.6	1251.7	942.6
-10°	6596.9	5823.8	5059.8	4345.9	3663.7	3052.4	2512.9	2014.0	1593.7	1232.1	930.2
-12.5°	5969.6	5303.5	4650.2	4022.5	3414.9	2866.8	2375.9	1935.1	1558.9	1207.9	914.5
-15°	5341.2	4783.0	4240.3	3693.3	3160.9	2676.2	2233.7	1834.0	1485.1	1169.9	895.6
-17.5°	4703.7	4269.5	3835.9	3362.7	2904.9	2483.0	2088.2	1729.2	1408.1	1116.9	866.5
-20°	4045.7	3756.0	3443.2	3034.2	2649.9	2289.3	1940.9	1621.7	1328.6	1061.6	829.5



REPORT NUMBER: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	3431.3	3258.4	3030.9	2731.0	2406.9	2097.3	1793.2	1512.4	1247.3	1004.3	790.7
-25°	2863.1	2791.8	2636.8	2421.6	2181.8	1920.9	1653.7	1402.2	1164.9	945.5	750.2
-27.5°	2365.7	2363.5	2273.4	2131.1	1954.2	1749.5	1522.8	1301.3	1085.2	885.6	708.2
-30°	1924.9	1986.0	1959.0	1867.2	1739.6	1578.1	1393.9	1202.0	1011.8	830.1	664.9
-32.5°	1669.3	1654.5	1679.8	1638.8	1548.3	1416.6	1266.5	1104.4	938.8	777.0	626.7
-35°	1489.3	1432.3	1433.6	1431.1	1375.2	1275.7	1147.9	1009.0	866.5	723.3	589.6
-37.5°	1324.7	1288.3	1232.4	1249.7	1216.8	1143.0	1041.9	922.3	795.1	669.2	551.9
-40°	1184.0	1159.2	1117.3	1094.5	1078.7	1018.9	941.1	842.3	730.6	615.0	513.6
-42.5°	1056.8	1045.1	1014.7	969.6	954.4	914.7	846.9	764.8	669.0	567.1	474.8
-45°	948.3	941.6	919.8	881.0	843.6	818.5	765.3	691.1	608.6	522.3	438.1
-47.5°	850.4	849.1	831.2	796.6	754.8	731.4	687.9	626.4	549.7	477.5	405.1
-50°	764.2	764.0	748.8	722.2	685.7	654.8	616.2	563.9	501.4	433.7	372.1
-52.5°	694.3	686.4	674.9	652.9	621.0	583.5	552.8	504.6	453.8	395.4	339.2
-55°	628.1	616.9	607.3	587.5	558.5	523.4	492.5	454.7	407.0	359.1	306.9
-57.5°	566.1	554.1	543.5	525.1	500.1	469.0	439.4	406.0	365.7	322.7	278.1
-60°	506.4	495.4	482.6	466.8	444.5	417.9	390.5	360.0	325.9	287.2	249.2
-62.5°	448.6	438.4	426.0	411.2	392.7	370.3	343.5	317.5	286.2	255.5	220.2
-65°	393.8	384.8	371.7	360.3	344.2	323.8	299.6	275.2	251.2	223.9	192.5
-67.5°	341.8	333.7	323.1	311.7	297.4	279.1	256.5	238.1	217.7	192.5	167.8
-70°	291.7	284.6	275.9	265.8	252.2	235.7	219.8	203.5	184.5	165.2	143.0
-72.5°	243.4	237.9	230.6	221.1	210.5	198.3	184.4	170.0	155.3	138.0	118.2
-75°	196.7	192.9	187.6	180.5	171.4	161.1	150.8	139.4	126.3	110.9	95.7
-77.5°	154.0	150.7	146.1	140.9	134.5	127.0	118.6	109.0	98.1	86.6	74.0
-80°	114.7	112.4	108.7	103.8	98.8	93.0	87.5	80.5	72.0	62.6	52.2
-82.5°	79.2	76.6	73.7	70.3	67.4	63.4	58.5	52.6	45.9	38.5	33.9
-85°	47.9	45.8	43.4	40.7	37.6	34.0	31.8	29.5	27.4	25.1	22.6
-87.5°	21.4	20.7	19.9	19.0	18.0	17.0	15.9	14.7	13.7	12.6	11.3
-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: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	10.0	8.9	7.5	5.9	4.2	2.1	0.0
85°	20.0	17.7	15.0	11.9	8.3	4.2	0.0
82.5°	30.0	26.5	22.5	17.8	12.5	6.2	0.0
80°	41.1	35.4	30.0	23.7	16.6	8.3	0.0
77.5°	60.5	47.0	37.4	29.6	20.7	10.3	0.0
75°	79.8	63.6	46.0	35.4	24.7	12.4	0.0
72.5°	99.0	80.2	59.7	41.2	28.7	14.4	0.0
70°	118.6	96.7	73.3	47.9	32.7	16.3	0.0
67.5°	140.9	113.0	86.7	58.3	36.5	18.3	0.0
65°	163.1	130.8	100.0	68.5	40.4	20.2	0.0
62.5°	185.3	149.9	113.2	78.6	44.1	22.1	0.0
60°	207.3	168.8	126.1	88.5	47.8	23.9	0.0
57.5°	232.3	187.6	141.4	98.3	54.2	25.7	0.0
55°	257.4	206.1	156.5	107.8	60.6	27.4	0.0
52.5°	282.2	224.8	171.4	117.1	66.8	29.1	0.0
50°	306.5	245.3	186.0	126.3	72.8	30.7	0.0
47.5°	331.2	265.4	200.3	135.6	78.6	32.3	0.0
45°	359.8	285.0	214.3	146.1	84.2	33.8	0.0
42.5°	388.1	304.2	227.9	156.3	89.6	35.2	0.0
40°	416.2	322.8	241.9	165.8	94.7	36.6	0.0
37.5°	443.9	340.8	256.2	174.6	99.7	37.9	0.0
35°	471.2	361.3	269.9	182.9	104.4	39.2	0.0
32.5°	499.2	382.7	283.0	190.6	108.8	40.3	0.0
30°	529.1	403.4	295.6	197.8	113.0	41.4	0.0
27.5°	557.9	423.4	306.0	204.3	116.9	42.4	0.0
25°	585.7	442.6	315.6	210.3	120.5	43.3	0.0
22.5°	612.3	459.7	324.5	215.7	123.9	44.2	0.0
20°	637.5	472.7	332.7	220.4	126.9	44.9	0.0
17.5°	656.5	484.2	340.1	224.6	129.7	45.6	0.0
15°	670.6	494.0	346.7	228.2	132.1	46.2	0.0
12.5°	682.8	502.3	352.4	231.1	134.2	46.7	0.0
10°	692.8	509.0	357.3	233.5	136.0	47.1	0.0
7.5°	700.7	514.1	361.3	235.3	137.4	47.4	0.0
5°	706.5	517.7	364.4	236.5	138.5	47.6	0.0
2.5°	710.0	519.8	366.5	237.1	139.3	47.8	0.0
0°	711.4	520.3	367.7	237.1	139.7	47.8	0.0
-2.5°	710.0	519.8	366.5	237.1	139.3	47.8	0.0
-5°	706.5	517.7	364.4	236.5	138.5	47.6	0.0
-7.5°	700.7	514.1	361.3	235.3	137.4	47.4	0.0
-10°	692.8	509.0	357.3	233.5	136.0	47.1	0.0
-12.5°	682.8	502.3	352.4	231.1	134.2	46.7	0.0
-15°	670.6	494.0	346.7	228.2	132.1	46.2	0.0
-17.5°	656.5	484.2	340.1	224.6	129.7	45.6	0.0
-20°	637.5	472.7	332.7	220.4	126.9	44.9	0.0



REPORT NUMBER: P558942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	612.3	459.7	324.5	215.7	123.9	44.2	0.0
-25°	585.7	442.6	315.6	210.3	120.5	43.3	0.0
-27.5°	557.9	423.4	306.0	204.3	116.9	42.4	0.0
-30°	529.1	403.4	295.6	197.8	113.0	41.4	0.0
-32.5°	499.2	382.7	283.0	190.6	108.8	40.3	0.0
-35°	471.2	361.3	269.9	182.9	104.4	39.2	0.0
-37.5°	443.9	340.8	256.2	174.6	99.7	37.9	0.0
-40°	416.2	322.8	241.9	165.8	94.7	36.6	0.0
-42.5°	388.1	304.2	227.9	156.3	89.6	35.2	0.0
-45°	359.8	285.0	214.3	146.1	84.2	33.8	0.0
-47.5°	331.2	265.4	200.3	135.6	78.6	32.3	0.0
-50°	306.5	245.3	186.0	126.3	72.8	30.7	0.0
-52.5°	282.2	224.8	171.4	117.1	66.8	29.1	0.0
-55°	257.4	206.1	156.5	107.8	60.6	27.4	0.0
-57.5°	232.3	187.6	141.4	98.3	54.2	25.7	0.0
-60°	207.3	168.8	126.1	88.5	47.8	23.9	0.0
-62.5°	185.3	149.9	113.2	78.6	44.1	22.1	0.0
-65°	163.1	130.8	100.0	68.5	40.4	20.2	0.0
-67.5°	140.9	113.0	86.7	58.3	36.5	18.3	0.0
-70°	118.6	96.7	73.3	47.9	32.7	16.3	0.0
-72.5°	99.0	80.2	59.7	41.2	28.7	14.4	0.0
-75°	79.8	63.6	46.0	35.4	24.7	12.4	0.0
-77.5°	60.5	47.0	37.4	29.6	20.7	10.3	0.0
-80°	41.1	35.4	30.0	23.7	16.6	8.3	0.0
-82.5°	30.0	26.5	22.5	17.8	12.5	6.2	0.0
-85°	20.0	17.7	15.0	11.9	8.3	4.2	0.0
-87.5°	10.0	8.9	7.5	5.9	4.2	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)