

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: P559253 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-940-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559253 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6E-940-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

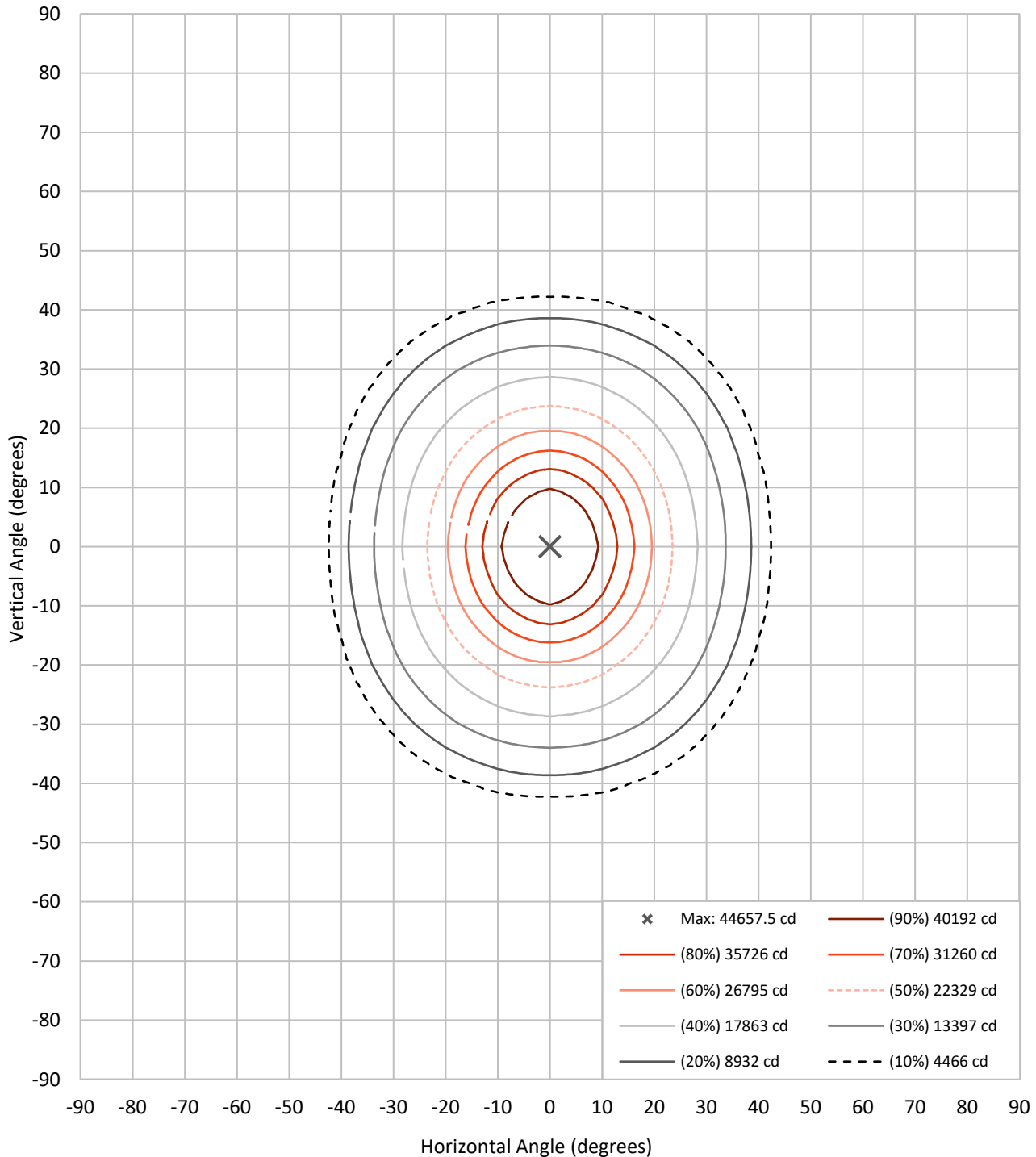
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	34763.4 lumens	Max Intensity:	44657.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	16403.7 lumens	Field Lumens:	31565.1 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 368
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA6E-940-U-MWR-XX

Iso-Candela Plot





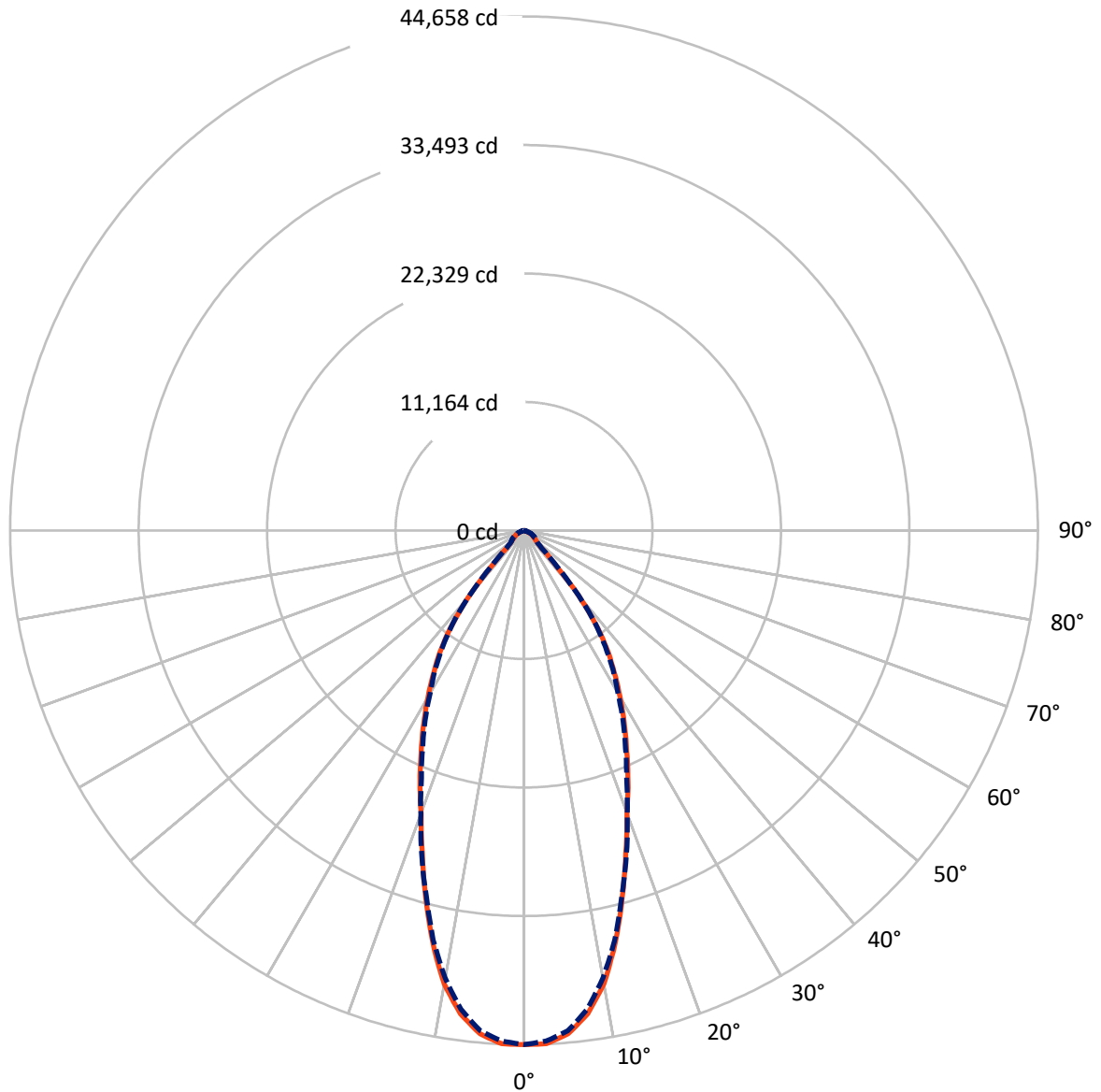
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Lumen Table

90																
80	0.6	4.3		9.5		15.7		12.2		15.7		9.5		4.3		0.6
70																
60	2.4	2.8	5.1	7.9	11.1	13.9	15.9	17.2	17.2	15.9	13.9	11.1	7.9	5.1	2.8	2.4
50		4.2	8.3	13.9	20.0	24.9	28.5	31.4	31.4	28.5	24.9	20.0	13.9	8.3	4.2	
40	3.7	5.5	11.6	19.6	28.5	39.0	61.8	86.5	86.5	61.8	39.0	28.5	19.6	11.6	5.5	3.7
30		6.7	14.5	24.4	45.8	146.5	285.2	363.4	363.4	285.2	146.5	45.8	24.4	14.5	6.7	
20	4.1	7.9	17.0	30.5	134.0	350.0	516.4	625.4	625.4	516.4	350.0	134.0	30.5	17.0	7.9	4.1
10		8.8	18.9	46.8	243.6	483.1	733.9	955.3	955.3	733.9	483.1	243.6	46.8	18.9	8.8	
0	4.2	9.4	20.4	64.6	296.7	563.7	923.2	1248.6	1248.6	923.2	563.7	296.7	64.6	20.4	9.4	4.2
-10		9.4	20.4	64.6	296.7	563.7	923.2	1248.6	1248.6	923.2	563.7	296.7	64.6	20.4	9.4	
-20	4.1	8.8	18.9	46.8	243.6	483.1	733.9	955.3	955.3	733.9	483.1	243.6	46.8	18.9	8.8	4.1
-30		7.9	17.0	30.5	134.0	350.0	516.4	625.4	625.4	516.4	350.0	134.0	30.5	17.0	7.9	
-40	3.7	6.7	14.5	24.4	45.8	146.5	285.2	363.4	363.4	285.2	146.5	45.8	24.4	14.5	6.7	3.7
-50		5.5	11.6	19.6	28.5	39.0	61.8	86.5	86.5	61.8	39.0	28.5	19.6	11.6	5.5	
-60	2.4	4.2	8.3	13.9	20.0	24.9	28.5	31.4	31.4	28.5	24.9	20.0	13.9	8.3	4.2	2.4
-70		2.8	5.1	7.9	11.1	13.9	15.9	17.2	17.2	15.9	13.9	11.1	7.9	5.1	2.8	
-80																
-90	0.6	4.3		9.5		15.7		12.2		15.7		9.5		4.3		0.6

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CATALOG NUMBER: GFLD-SA6E-940-U-MWR-XX

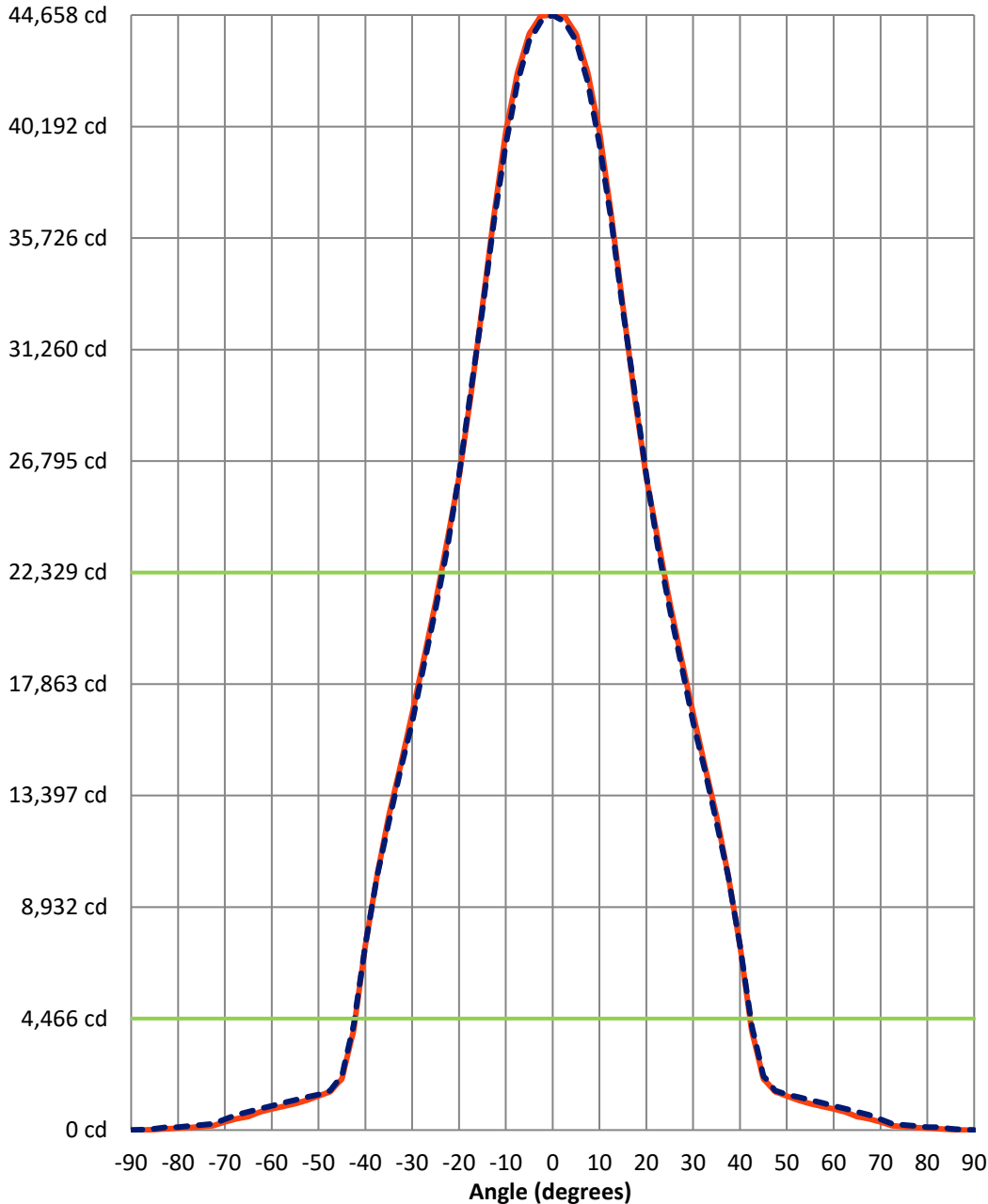
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 47°
V Angle: 47.6°
Lumens: 16403.7
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 31565.1
Efficiency: 90.8%

Spill:
Lumens: 3198.3
Efficiency: 9.2%

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



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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	0.7	1.5	2.4	3.5	4.7	6.1	6.8	7.5	8.0	8.5
85°	0.0	1.5	2.9	4.8	7.0	9.4	12.1	13.6	14.9	16.0	17.0
82.5°	0.0	2.2	4.4	7.2	10.4	14.1	18.1	20.4	23.0	27.5	30.9
80°	0.0	2.9	5.8	9.6	13.9	18.7	25.1	33.2	39.7	44.6	48.1
77.5°	0.0	3.6	7.3	11.9	17.2	25.5	39.3	49.1	56.4	61.8	66.8
75°	0.0	4.3	8.7	14.2	21.4	36.4	53.3	65.1	73.7	82.9	90.0
72.5°	0.0	5.1	10.1	16.4	29.3	47.0	67.0	82.1	95.1	105.5	113.4
70°	0.0	5.7	11.5	19.2	37.0	57.3	80.6	102.0	116.6	128.4	146.8
67.5°	0.0	6.4	12.8	24.4	44.5	67.4	96.5	121.9	138.2	157.3	181.6
65°	0.0	7.1	14.2	29.5	51.7	78.1	111.7	141.9	160.9	185.0	214.2
62.5°	0.0	7.8	15.5	34.3	58.6	89.4	126.3	160.0	182.6	211.7	244.4
60°	0.0	8.4	16.8	39.0	65.3	100.2	140.1	176.5	203.0	238.8	274.2
57.5°	0.0	9.0	19.7	43.5	72.9	110.4	149.6	191.0	226.0	265.4	300.2
55°	0.0	9.6	22.6	47.8	80.2	120.0	157.5	201.7	249.3	290.5	324.1
52.5°	0.0	10.2	25.4	51.9	87.0	128.3	164.3	216.2	272.1	311.8	347.7
50°	0.0	10.8	28.0	55.7	93.3	132.4	169.9	229.7	293.3	332.6	373.7
47.5°	0.0	11.3	30.6	59.4	99.2	135.7	175.1	241.5	311.4	353.0	399.1
45°	0.0	11.9	33.0	63.4	104.5	138.1	183.6	251.7	320.6	374.8	423.6
42.5°	0.0	12.4	35.3	67.0	109.4	139.8	190.8	258.8	327.8	395.8	448.5
40°	0.0	12.9	37.5	70.9	111.9	140.6	196.7	263.6	334.0	414.4	472.7
37.5°	0.0	13.3	39.6	74.8	112.3	140.5	201.2	266.9	340.9	423.5	495.8
35°	0.0	13.8	41.5	78.7	112.1	142.3	204.5	268.8	346.6	437.1	518.1
32.5°	0.0	14.2	43.3	82.5	111.4	144.5	206.1	269.3	351.3	453.5	538.3
30°	0.0	14.5	45.0	86.1	110.3	145.8	205.9	269.2	354.8	472.7	558.3
27.5°	0.0	14.9	46.5	89.6	111.5	146.3	204.7	271.0	361.7	494.3	577.8
25°	0.0	15.2	47.9	92.9	112.8	145.8	202.5	271.7	376.3	512.3	597.0
22.5°	0.0	15.5	49.1	96.1	113.9	146.2	199.2	271.4	391.5	527.1	620.6
20°	0.0	15.8	50.2	99.1	114.8	149.9	195.1	270.0	406.9	541.0	642.0
17.5°	0.0	16.0	51.1	101.8	115.5	153.3	195.3	267.4	422.1	553.9	661.1
15°	0.0	16.2	51.9	104.4	116.1	156.2	198.2	266.6	436.8	565.6	677.9
12.5°	0.0	16.4	52.6	106.7	116.6	158.6	200.6	267.7	446.9	576.0	692.3
10°	0.0	16.5	53.1	108.7	116.9	160.7	202.4	267.1	451.0	584.6	704.6
7.5°	0.0	16.7	53.4	110.5	117.1	162.3	203.7	264.9	451.5	593.1	715.0
5°	0.0	16.7	53.6	112.0	117.2	163.4	204.4	261.4	448.4	600.7	722.8
2.5°	0.0	16.8	53.7	113.2	117.3	164.1	204.7	256.9	442.0	606.6	728.1
0°	0.0	16.8	53.6	114.0	117.3	164.3	204.5	251.4	432.5	610.2	730.9
-2.5°	0.0	16.8	53.7	113.2	117.3	164.1	204.7	256.9	442.0	606.6	728.1
-5°	0.0	16.7	53.6	112.0	117.2	163.4	204.4	261.4	448.4	600.7	722.8
-7.5°	0.0	16.7	53.4	110.5	117.1	162.3	203.7	264.9	451.5	593.1	715.0
-10°	0.0	16.5	53.1	108.7	116.9	160.7	202.4	267.1	451.0	584.6	704.6
-12.5°	0.0	16.4	52.6	106.7	116.6	158.6	200.6	267.7	446.9	576.0	692.3
-15°	0.0	16.2	51.9	104.4	116.1	156.2	198.2	266.6	436.8	565.6	677.9
-17.5°	0.0	16.0	51.1	101.8	115.5	153.3	195.3	267.4	422.1	553.9	661.1
-20°	0.0	15.8	50.2	99.1	114.8	149.9	195.1	270.0	406.9	541.0	642.0



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 CATALOG NUMBER: GFLD-SA6E-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	15.5	49.1	96.1	113.9	146.2	199.2	271.4	391.5	527.1	620.6
-25°	0.0	15.2	47.9	92.9	112.8	145.8	202.5	271.7	376.3	512.3	597.0
-27.5°	0.0	14.9	46.5	89.6	111.5	146.3	204.7	271.0	361.7	494.3	577.8
-30°	0.0	14.5	45.0	86.1	110.3	145.8	205.9	269.2	354.8	472.7	558.3
-32.5°	0.0	14.2	43.3	82.5	111.4	144.5	206.1	269.3	351.3	453.5	538.3
-35°	0.0	13.8	41.5	78.7	112.1	142.3	204.5	268.8	346.6	437.1	518.1
-37.5°	0.0	13.3	39.6	74.8	112.3	140.5	201.2	266.9	340.9	423.5	495.8
-40°	0.0	12.9	37.5	70.9	111.9	140.6	196.7	263.6	334.0	414.4	472.7
-42.5°	0.0	12.4	35.3	67.0	109.4	139.8	190.8	258.8	327.8	395.8	448.5
-45°	0.0	11.9	33.0	63.4	104.5	138.1	183.6	251.7	320.6	374.8	423.6
-47.5°	0.0	11.3	30.6	59.4	99.2	135.7	175.1	241.5	311.4	353.0	399.1
-50°	0.0	10.8	28.0	55.7	93.3	132.4	169.9	229.7	293.3	332.6	373.7
-52.5°	0.0	10.2	25.4	51.9	87.0	128.3	164.3	216.2	272.1	311.8	347.7
-55°	0.0	9.6	22.6	47.8	80.2	120.0	157.5	201.7	249.3	290.5	324.1
-57.5°	0.0	9.0	19.7	43.5	72.9	110.4	149.6	191.0	226.0	265.4	300.2
-60°	0.0	8.4	16.8	39.0	65.3	100.2	140.1	176.5	203.0	238.8	274.2
-62.5°	0.0	7.8	15.5	34.3	58.6	89.4	126.3	160.0	182.6	211.7	244.4
-65°	0.0	7.1	14.2	29.5	51.7	78.1	111.7	141.9	160.9	185.0	214.2
-67.5°	0.0	6.4	12.8	24.4	44.5	67.4	96.5	121.9	138.2	157.3	181.6
-70°	0.0	5.7	11.5	19.2	37.0	57.3	80.6	102.0	116.6	128.4	146.8
-72.5°	0.0	5.1	10.1	16.4	29.3	47.0	67.0	82.1	95.1	105.5	113.4
-75°	0.0	4.3	8.7	14.2	21.4	36.4	53.3	65.1	73.7	82.9	90.0
-77.5°	0.0	3.6	7.3	11.9	17.2	25.5	39.3	49.1	56.4	61.8	66.8
-80°	0.0	2.9	5.8	9.6	13.9	18.7	25.1	33.2	39.7	44.6	48.1
-82.5°	0.0	2.2	4.4	7.2	10.4	14.1	18.1	20.4	23.0	27.5	30.9
-85°	0.0	1.5	2.9	4.8	7.0	9.4	12.1	13.6	14.9	16.0	17.0
-87.5°	0.0	0.7	1.5	2.4	3.5	4.7	6.1	6.8	7.5	8.0	8.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-MWR-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°	8.5	8.4	8.1	7.7	7.1	6.5	5.7	4.7	4.9	5.1	5.3
85°	17.1	16.8	18.1	19.3	19.8	19.7	19.1	17.9	20.5	23.6	26.8
82.5°	33.9	36.9	39.7	42.4	42.5	41.5	40.0	38.4	44.3	51.6	59.3
80°	52.4	56.9	63.5	70.2	72.0	71.4	69.1	65.4	73.6	85.5	99.0
77.5°	75.0	84.1	93.3	102.4	104.8	102.9	98.5	91.6	101.9	121.2	142.6
75°	99.6	111.2	125.7	137.1	139.6	135.6	128.8	122.9	135.4	159.4	182.3
72.5°	130.1	148.9	163.4	173.5	174.2	170.5	167.2	164.1	178.1	206.4	230.0
70°	169.0	187.9	199.2	205.3	206.7	209.0	218.5	227.5	241.4	265.7	285.0
67.5°	207.6	222.6	232.7	240.1	254.5	268.1	281.3	294.8	310.4	331.0	345.7
65°	241.9	257.4	270.7	288.1	309.1	325.7	343.3	362.4	383.9	403.2	417.3
62.5°	275.9	292.4	311.1	334.1	358.5	380.8	406.7	433.2	458.7	480.7	504.7
60°	303.8	325.9	350.9	378.6	408.0	441.9	473.1	503.6	531.6	559.1	592.9
57.5°	330.3	360.2	390.8	424.0	462.6	503.9	540.4	574.0	609.1	648.9	682.0
55°	358.2	395.8	431.0	471.1	517.0	566.8	606.8	644.6	687.9	735.7	772.9
52.5°	388.3	429.8	471.1	519.3	574.7	624.2	666.1	713.2	765.8	817.6	860.8
50°	417.5	463.3	511.2	572.4	627.5	674.7	726.6	783.5	838.4	891.7	942.7
47.5°	446.9	495.9	559.6	622.0	673.7	729.0	789.5	848.1	905.8	961.3	1014.7
45°	475.7	533.8	604.6	663.9	721.2	784.8	847.4	908.8	969.5	1028.5	1086.8
42.5°	503.6	571.1	642.3	704.5	770.4	836.8	902.3	967.2	1031.3	1094.5	1156.7
40°	533.9	605.1	680.0	747.8	816.6	885.9	954.9	1023.4	1091.0	1157.9	1223.9
37.5°	561.9	640.3	718.4	789.3	860.1	932.7	1004.9	1077.5	1148.8	1218.6	1293.7
35°	587.0	675.9	754.7	829.1	903.3	976.9	1053.4	1129.7	1204.8	1280.5	1376.3
32.5°	615.1	711.8	788.9	867.4	944.3	1020.1	1099.5	1180.3	1260.2	1348.7	1486.5
30°	646.8	741.7	821.5	904.0	982.7	1062.4	1144.4	1228.8	1312.8	1450.5	1768.6
27.5°	677.7	769.2	853.1	937.6	1018.6	1101.3	1187.4	1274.6	1391.9	1603.4	2119.5
25°	706.3	795.7	882.8	968.3	1052.0	1137.7	1226.7	1317.4	1476.5	1903.8	3043.9
22.5°	730.4	821.2	911.8	996.4	1082.2	1170.8	1263.2	1383.7	1629.5	2207.1	4072.3
20°	751.0	845.5	938.1	1026.1	1110.4	1200.2	1296.4	1446.7	1862.0	3072.8	5304.9
17.5°	770.1	867.6	962.3	1054.3	1142.8	1230.9	1329.5	1501.2	2071.2	3825.2	6544.2
15°	787.6	887.3	984.9	1080.7	1172.4	1264.0	1381.9	1655.9	2494.5	4572.2	7648.2
12.5°	803.4	904.6	1005.4	1105.2	1199.0	1293.7	1429.0	1809.7	3012.9	5448.6	8401.6
10°	817.2	919.6	1023.8	1127.4	1222.4	1319.6	1468.7	1936.0	3439.1	6169.3	9007.1
7.5°	830.1	933.9	1040.8	1147.2	1242.6	1341.9	1501.2	2034.5	3768.3	6712.2	9490.2
5°	840.8	948.0	1061.0	1168.8	1267.9	1366.3	1529.1	2105.2	3999.5	7077.9	9842.1
2.5°	849.2	959.8	1078.5	1187.8	1295.9	1395.7	1561.0	2157.6	4148.7	7310.9	10067.2
0°	854.9	968.9	1093.0	1203.6	1320.9	1421.5	1585.8	2182.6	4204.2	7396.0	10151.9
-2.5°	849.2	959.8	1078.5	1187.8	1295.9	1395.7	1561.0	2157.6	4148.7	7310.9	10067.2
-5°	840.8	948.0	1061.0	1168.8	1267.9	1366.3	1529.1	2105.2	3999.5	7077.9	9842.1
-7.5°	830.1	933.9	1040.8	1147.2	1242.6	1341.9	1501.2	2034.5	3768.3	6712.2	9490.2
-10°	817.2	919.6	1023.8	1127.4	1222.4	1319.6	1468.7	1936.0	3439.1	6169.3	9007.1
-12.5°	803.4	904.6	1005.4	1105.2	1199.0	1293.7	1429.0	1809.7	3012.9	5448.6	8401.6
-15°	787.6	887.3	984.9	1080.7	1172.4	1264.0	1381.9	1655.9	2494.5	4572.2	7648.2
-17.5°	770.1	867.6	962.3	1054.3	1142.8	1230.9	1329.5	1501.2	2071.2	3825.2	6544.2
-20°	751.0	845.5	938.1	1026.1	1110.4	1200.2	1296.4	1446.7	1862.0	3072.8	5304.9



REPORT NUMBER: P559253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	730.4	821.2	911.8	996.4	1082.2	1170.8	1263.2	1383.7	1629.5	2207.1	4072.3
-25°	706.3	795.7	882.8	968.3	1052.0	1137.7	1226.7	1317.4	1476.5	1903.8	3043.9
-27.5°	677.7	769.2	853.1	937.6	1018.6	1101.3	1187.4	1274.6	1391.9	1603.4	2119.5
-30°	646.8	741.7	821.5	904.0	982.7	1062.4	1144.4	1228.8	1312.8	1450.5	1768.6
-32.5°	615.1	711.8	788.9	867.4	944.3	1020.1	1099.5	1180.3	1260.2	1348.7	1486.5
-35°	587.0	675.9	754.7	829.1	903.3	976.9	1053.4	1129.7	1204.8	1280.5	1376.3
-37.5°	561.9	640.3	718.4	789.3	860.1	932.7	1004.9	1077.5	1148.8	1218.6	1293.7
-40°	533.9	605.1	680.0	747.8	816.6	885.9	954.9	1023.4	1091.0	1157.9	1223.9
-42.5°	503.6	571.1	642.3	704.5	770.4	836.8	902.3	967.2	1031.3	1094.5	1156.7
-45°	475.7	533.8	604.6	663.9	721.2	784.8	847.4	908.8	969.5	1028.5	1086.8
-47.5°	446.9	495.9	559.6	622.0	673.7	729.0	789.5	848.1	905.8	961.3	1014.7
-50°	417.5	463.3	511.2	572.4	627.5	674.7	726.6	783.5	838.4	891.7	942.7
-52.5°	388.3	429.8	471.1	519.3	574.7	624.2	666.1	713.2	765.8	817.6	860.8
-55°	358.2	395.8	431.0	471.1	517.0	566.8	606.8	644.6	687.9	735.7	772.9
-57.5°	330.3	360.2	390.8	424.0	462.6	503.9	540.4	574.0	609.1	648.9	682.0
-60°	303.8	325.9	350.9	378.6	408.0	441.9	473.1	503.6	531.6	559.1	592.9
-62.5°	275.9	292.4	311.1	334.1	358.5	380.8	406.7	433.2	458.7	480.7	504.7
-65°	241.9	257.4	270.7	288.1	309.1	325.7	343.3	362.4	383.9	403.2	417.3
-67.5°	207.6	222.6	232.7	240.1	254.5	268.1	281.3	294.8	310.4	331.0	345.7
-70°	169.0	187.9	199.2	205.3	206.7	209.0	218.5	227.5	241.4	265.7	285.0
-72.5°	130.1	148.9	163.4	173.5	174.2	170.5	167.2	164.1	178.1	206.4	230.0
-75°	99.6	111.2	125.7	137.1	139.6	135.6	128.8	122.9	135.4	159.4	182.3
-77.5°	75.0	84.1	93.3	102.4	104.8	102.9	98.5	91.6	101.9	121.2	142.6
-80°	52.4	56.9	63.5	70.2	72.0	71.4	69.1	65.4	73.6	85.5	99.0
-82.5°	33.9	36.9	39.7	42.4	42.5	41.5	40.0	38.4	44.3	51.6	59.3
-85°	17.1	16.8	18.1	19.3	19.8	19.7	19.1	17.9	20.5	23.6	26.8
-87.5°	8.5	8.4	8.1	7.7	7.1	6.5	5.7	4.7	4.9	5.1	5.3
-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: P559253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-MWR-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°	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	5.7	5.0
85°	30.2	29.3	27.7	25.6	23.1	24.4	25.8	27.2	28.6	26.7	24.6
82.5°	67.6	68.5	68.5	68.3	68.0	70.9	73.7	76.2	78.3	72.3	65.4
80°	113.9	119.4	122.6	125.4	128.0	128.0	126.3	123.2	119.0	108.9	97.7
77.5°	164.7	173.2	177.5	181.8	186.2	187.7	188.7	189.9	191.0	173.3	150.8
75°	204.3	216.9	224.3	231.2	237.5	241.1	243.1	244.4	244.9	223.6	196.1
72.5°	249.1	261.6	270.4	278.9	286.8	291.9	294.9	297.2	298.7	280.1	253.8
70°	298.6	308.5	319.0	329.5	339.2	345.8	350.2	353.7	356.2	354.5	353.0
67.5°	357.2	365.8	378.7	388.7	398.9	406.1	413.6	419.5	423.9	428.9	434.5
65°	430.6	451.2	470.0	479.6	481.1	491.4	508.4	519.4	524.8	529.2	534.7
62.5°	532.6	557.8	571.2	587.2	607.9	627.1	634.5	644.5	656.2	670.5	686.9
60°	620.1	640.9	662.4	684.5	703.6	719.5	736.7	753.9	769.5	783.8	797.8
57.5°	709.6	732.4	754.2	780.2	798.3	809.0	825.8	846.4	862.3	874.7	893.4
55°	802.4	831.8	861.5	884.9	902.0	913.3	926.0	945.8	957.6	962.1	983.8
52.5°	895.6	930.4	967.0	994.5	1012.6	1029.5	1045.2	1062.5	1074.5	1080.2	1101.5
50°	982.0	1023.4	1064.3	1100.0	1124.1	1152.3	1184.1	1199.8	1209.9	1221.2	1244.9
47.5°	1064.2	1110.5	1154.2	1194.6	1229.5	1261.1	1288.4	1314.8	1353.6	1384.5	1415.0
45°	1143.2	1192.6	1240.0	1285.3	1324.3	1386.0	1444.8	1494.8	1628.6	1741.1	1826.9
42.5°	1217.6	1277.3	1330.6	1406.2	1488.4	1631.0	1851.1	2055.1	2449.8	2957.9	3382.2
40°	1295.1	1372.5	1468.1	1615.2	1893.5	2179.7	3035.3	3797.8	4547.6	5400.4	6131.1
37.5°	1385.7	1502.2	1782.3	2114.8	3007.3	3994.6	5207.2	6397.4	7433.8	8320.6	9061.0
35°	1505.5	1865.6	2389.1	3600.5	4919.2	6537.9	7935.4	9054.7	10078.5	10900.2	11518.7
32.5°	1858.8	2517.6	3900.4	5566.5	7380.3	8944.2	10305.4	11377.2	12311.1	13047.6	13620.9
30°	2376.0	3890.3	5768.3	7763.7	9570.4	11063.6	12321.2	13342.8	14176.5	14925.9	15554.9
27.5°	3605.1	5553.6	7761.0	9796.3	11439.5	12837.5	13965.7	14977.8	15896.8	16685.9	17429.7
25°	4950.0	7362.2	9588.7	11441.0	12974.6	14286.2	15476.1	16583.1	17612.1	18535.6	19400.8
22.5°	6565.3	8971.0	11098.8	12813.2	14299.3	15646.6	16910.5	18142.5	19340.3	20467.3	21514.1
20°	8027.7	10388.8	12244.2	13956.4	15500.3	16904.3	18297.2	19733.1	21115.5	22473.0	23733.5
17.5°	9167.3	11363.8	13226.6	14962.1	16533.6	18123.6	19717.8	21366.9	23034.3	24610.8	26118.6
15°	10118.9	12177.2	14064.9	15800.3	17528.2	19282.5	21063.4	23006.2	24989.5	26876.4	28798.3
12.5°	10793.5	12855.9	14769.7	16511.0	18448.2	20352.5	22425.7	24639.9	26930.4	29128.3	31489.1
10°	11335.8	13397.4	15295.1	17172.6	19222.8	21334.3	23659.6	26098.4	28831.7	31434.2	33977.7
7.5°	11801.2	13849.1	15717.3	17712.1	19867.3	22188.1	24717.0	27474.3	30432.2	33328.2	36355.9
5°	12141.6	14157.1	16045.3	18154.4	20362.8	22811.9	25532.6	28478.9	31651.2	34824.3	37818.4
2.5°	12321.8	14332.7	16249.2	18428.9	20653.3	23189.9	26023.4	29146.3	32497.0	35959.3	38911.6
0°	12317.7	14406.4	16327.5	18614.0	20867.0	23304.4	26234.6	29573.8	32842.7	36440.1	39470.9
-2.5°	12321.8	14332.7	16249.2	18428.9	20653.3	23189.9	26023.4	29146.3	32497.0	35959.3	38911.6
-5°	12141.6	14157.1	16045.3	18154.4	20362.8	22811.9	25532.6	28478.9	31651.2	34824.3	37818.4
-7.5°	11801.2	13849.1	15717.3	17712.1	19867.3	22188.1	24717.0	27474.3	30432.2	33328.2	36355.9
-10°	11335.8	13397.4	15295.1	17172.6	19222.8	21334.3	23659.6	26098.4	28831.7	31434.2	33977.7
-12.5°	10793.5	12855.9	14769.7	16511.0	18448.2	20352.5	22425.7	24639.9	26930.4	29128.3	31489.1
-15°	10118.9	12177.2	14064.9	15800.3	17528.2	19282.5	21063.4	23006.2	24989.5	26876.4	28798.3
-17.5°	9167.3	11363.8	13226.6	14962.1	16533.6	18123.6	19717.8	21366.9	23034.3	24610.8	26118.6
-20°	8027.7	10388.8	12244.2	13956.4	15500.3	16904.3	18297.2	19733.1	21115.5	22473.0	23733.5



REPORT NUMBER: P559253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6565.3	8971.0	11098.8	12813.2	14299.3	15646.6	16910.5	18142.5	19340.3	20467.3	21514.1
-25°	4950.0	7362.2	9588.7	11441.0	12974.6	14286.2	15476.1	16583.1	17612.1	18535.6	19400.8
-27.5°	3605.1	5553.6	7761.0	9796.3	11439.5	12837.5	13965.7	14977.8	15896.8	16685.9	17429.7
-30°	2376.0	3890.3	5768.3	7763.7	9570.4	11063.6	12321.2	13342.8	14176.5	14925.9	15554.9
-32.5°	1858.8	2517.6	3900.4	5566.5	7380.3	8944.2	10305.4	11377.2	12311.1	13047.6	13620.9
-35°	1505.5	1865.6	2389.1	3600.5	4919.2	6537.9	7935.4	9054.7	10078.5	10900.2	11518.7
-37.5°	1385.7	1502.2	1782.3	2114.8	3007.3	3994.6	5207.2	6397.4	7433.8	8320.6	9061.0
-40°	1295.1	1372.5	1468.1	1615.2	1893.5	2179.7	3035.3	3797.8	4547.6	5400.4	6131.1
-42.5°	1217.6	1277.3	1330.6	1406.2	1488.4	1631.0	1851.1	2055.1	2449.8	2957.9	3382.2
-45°	1143.2	1192.6	1240.0	1285.3	1324.3	1386.0	1444.8	1494.8	1628.6	1741.1	1826.9
-47.5°	1064.2	1110.5	1154.2	1194.6	1229.5	1261.1	1288.4	1314.8	1353.6	1384.5	1415.0
-50°	982.0	1023.4	1064.3	1100.0	1124.1	1152.3	1184.1	1199.8	1209.9	1221.2	1244.9
-52.5°	895.6	930.4	967.0	994.5	1012.6	1029.5	1045.2	1062.5	1074.5	1080.2	1101.5
-55°	802.4	831.8	861.5	884.9	902.0	913.3	926.0	945.8	957.6	962.1	983.8
-57.5°	709.6	732.4	754.2	780.2	798.3	809.0	825.8	846.4	862.3	874.7	893.4
-60°	620.1	640.9	662.4	684.5	703.6	719.5	736.7	753.9	769.5	783.8	797.8
-62.5°	532.6	557.8	571.2	587.2	607.9	627.1	634.5	644.5	656.2	670.5	686.9
-65°	430.6	451.2	470.0	479.6	481.1	491.4	508.4	519.4	524.8	529.2	534.7
-67.5°	357.2	365.8	378.7	388.7	398.9	406.1	413.6	419.5	423.9	428.9	434.5
-70°	298.6	308.5	319.0	329.5	339.2	345.8	350.2	353.7	356.2	354.5	353.0
-72.5°	249.1	261.6	270.4	278.9	286.8	291.9	294.9	297.2	298.7	280.1	253.8
-75°	204.3	216.9	224.3	231.2	237.5	241.1	243.1	244.4	244.9	223.6	196.1
-77.5°	164.7	173.2	177.5	181.8	186.2	187.7	188.7	189.9	191.0	173.3	150.8
-80°	113.9	119.4	122.6	125.4	128.0	128.0	126.3	123.2	119.0	108.9	97.7
-82.5°	67.6	68.5	68.5	68.3	68.0	70.9	73.7	76.2	78.3	72.3	65.4
-85°	30.2	29.3	27.7	25.6	23.1	24.4	25.8	27.2	28.6	26.7	24.6
-87.5°	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	5.7	5.0
-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: P559253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-MWR-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°	4.2	3.4	3.4	3.4	3.4	3.4	4.2	5.0	5.7	6.5	6.4
85°	22.3	20.0	20.1	20.1	20.1	20.0	22.3	24.6	26.7	28.6	27.2
82.5°	58.0	50.1	50.2	50.3	50.2	50.1	58.0	65.4	72.3	78.3	76.2
80°	86.0	73.8	75.3	77.1	75.3	73.8	86.0	97.7	108.9	119.0	123.2
77.5°	126.7	101.3	100.5	100.6	100.5	101.3	126.7	150.8	173.3	191.0	189.9
75°	167.8	138.7	137.3	137.5	137.3	138.7	167.8	196.1	223.6	244.9	244.4
72.5°	226.7	198.9	186.3	174.3	186.3	198.9	226.7	253.8	280.1	298.7	297.2
70°	353.3	354.1	341.8	325.2	341.8	354.1	353.3	353.0	354.5	356.2	353.7
67.5°	439.2	442.8	448.0	452.6	448.0	442.8	439.2	434.5	428.9	423.9	419.5
65°	537.2	537.0	538.9	539.8	538.9	537.0	537.2	534.7	529.2	524.8	519.4
62.5°	701.0	712.2	720.2	724.2	720.2	712.2	701.0	686.9	670.5	656.2	644.5
60°	809.5	818.8	831.9	844.9	831.9	818.8	809.5	797.8	783.8	769.5	753.9
57.5°	910.9	926.6	939.4	948.8	939.4	926.6	910.9	893.4	874.7	862.3	846.4
55°	1004.4	1022.7	1040.2	1056.1	1040.2	1022.7	1004.4	983.8	962.1	957.6	945.8
52.5°	1122.0	1137.0	1161.9	1193.5	1161.9	1137.0	1122.0	1101.5	1080.2	1074.5	1062.5
50°	1272.3	1295.0	1326.5	1364.5	1326.5	1295.0	1272.3	1244.9	1221.2	1209.9	1199.8
47.5°	1445.9	1468.7	1499.0	1538.9	1499.0	1468.7	1445.9	1415.0	1384.5	1353.6	1314.8
45°	1905.3	1958.8	2007.9	2061.9	2007.9	1958.8	1905.3	1826.9	1741.1	1628.6	1494.8
42.5°	3722.3	3957.5	4059.0	3999.7	4059.0	3957.5	3722.3	3382.2	2957.9	2449.8	2055.1
40°	6688.3	7079.2	7309.3	7389.3	7309.3	7079.2	6688.3	6131.1	5400.4	4547.6	3797.8
37.5°	9601.8	9961.6	10155.7	10178.7	10155.7	9961.6	9601.8	9061.0	8320.6	7433.8	6397.4
35°	11965.3	12261.6	12437.2	12569.1	12437.2	12261.6	11965.3	11518.7	10900.2	10078.5	9054.7
32.5°	14087.8	14425.5	14620.8	14577.4	14620.8	14425.5	14087.8	13620.9	13047.6	12311.1	11377.2
30°	16070.6	16440.0	16669.4	16676.1	16669.4	16440.0	16070.6	15554.9	14925.9	14176.5	13342.8
27.5°	18030.9	18445.6	18684.8	18872.1	18684.8	18445.6	18030.9	17429.7	16685.9	15896.8	14977.8
25°	20122.2	20639.1	20946.1	21131.8	20946.1	20639.1	20122.2	19400.8	18535.6	17612.1	16583.1
22.5°	22377.1	23017.4	23438.0	23612.8	23438.0	23017.4	22377.1	21514.1	20467.3	19340.3	18142.5
20°	24829.8	25623.2	26160.3	26144.1	26160.3	25623.2	24829.8	23733.5	22473.0	21115.5	19733.1
17.5°	27566.5	28589.9	29282.5	29382.7	29282.5	28589.9	27566.5	26118.6	24610.8	23034.3	21366.9
15°	30500.5	31820.0	32715.8	32993.6	32715.8	31820.0	30500.5	28798.3	26876.4	24989.5	23006.2
12.5°	33507.1	35076.6	36270.9	36668.1	36270.9	35076.6	33507.1	31489.1	29128.3	26930.4	24639.9
10°	36371.9	38110.4	39406.7	39980.5	39406.7	38110.4	36371.9	33977.7	31434.2	28831.7	26098.4
7.5°	38766.7	40533.1	41868.4	42340.8	41868.4	40533.1	38766.7	36355.9	33328.2	30432.2	27474.3
5°	40344.5	42274.3	43312.5	43896.4	43312.5	42274.3	40344.5	37818.4	34824.3	31651.2	28478.9
2.5°	41398.6	43035.0	44086.5	44623.9	44086.5	43035.0	41398.6	38911.6	35959.3	32497.0	29146.3
0°	41958.6	43624.8	44396.0	44657.5	44396.0	43624.8	41958.6	39470.9	36440.1	32842.7	29573.8
-2.5°	41398.6	43035.0	44086.5	44623.9	44086.5	43035.0	41398.6	38911.6	35959.3	32497.0	29146.3
-5°	40344.5	42274.3	43312.5	43896.4	43312.5	42274.3	40344.5	37818.4	34824.3	31651.2	28478.9
-7.5°	38766.7	40533.1	41868.4	42340.8	41868.4	40533.1	38766.7	36355.9	33328.2	30432.2	27474.3
-10°	36371.9	38110.4	39406.7	39980.5	39406.7	38110.4	36371.9	33977.7	31434.2	28831.7	26098.4
-12.5°	33507.1	35076.6	36270.9	36668.1	36270.9	35076.6	33507.1	31489.1	29128.3	26930.4	24639.9
-15°	30500.5	31820.0	32715.8	32993.6	32715.8	31820.0	30500.5	28798.3	26876.4	24989.5	23006.2
-17.5°	27566.5	28589.9	29282.5	29382.7	29282.5	28589.9	27566.5	26118.6	24610.8	23034.3	21366.9
-20°	24829.8	25623.2	26160.3	26144.1	26160.3	25623.2	24829.8	23733.5	22473.0	21115.5	19733.1



REPORT NUMBER: P559253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22377.1	23017.4	23438.0	23612.8	23438.0	23017.4	22377.1	21514.1	20467.3	19340.3	18142.5
-25°	20122.2	20639.1	20946.1	21131.8	20946.1	20639.1	20122.2	19400.8	18535.6	17612.1	16583.1
-27.5°	18030.9	18445.6	18684.8	18872.1	18684.8	18445.6	18030.9	17429.7	16685.9	15896.8	14977.8
-30°	16070.6	16440.0	16669.4	16676.1	16669.4	16440.0	16070.6	15554.9	14925.9	14176.5	13342.8
-32.5°	14087.8	14425.5	14620.8	14577.4	14620.8	14425.5	14087.8	13620.9	13047.6	12311.1	11377.2
-35°	11965.3	12261.6	12437.2	12569.1	12437.2	12261.6	11965.3	11518.7	10900.2	10078.5	9054.7
-37.5°	9601.8	9961.6	10155.7	10178.7	10155.7	9961.6	9601.8	9061.0	8320.6	7433.8	6397.4
-40°	6688.3	7079.2	7309.3	7389.3	7309.3	7079.2	6688.3	6131.1	5400.4	4547.6	3797.8
-42.5°	3722.3	3957.5	4059.0	3999.7	4059.0	3957.5	3722.3	3382.2	2957.9	2449.8	2055.1
-45°	1905.3	1958.8	2007.9	2061.9	2007.9	1958.8	1905.3	1826.9	1741.1	1628.6	1494.8
-47.5°	1445.9	1468.7	1499.0	1538.9	1499.0	1468.7	1445.9	1415.0	1384.5	1353.6	1314.8
-50°	1272.3	1295.0	1326.5	1364.5	1326.5	1295.0	1272.3	1244.9	1221.2	1209.9	1199.8
-52.5°	1122.0	1137.0	1161.9	1193.5	1161.9	1137.0	1122.0	1101.5	1080.2	1074.5	1062.5
-55°	1004.4	1022.7	1040.2	1056.1	1040.2	1022.7	1004.4	983.8	962.1	957.6	945.8
-57.5°	910.9	926.6	939.4	948.8	939.4	926.6	910.9	893.4	874.7	862.3	846.4
-60°	809.5	818.8	831.9	844.9	831.9	818.8	809.5	797.8	783.8	769.5	753.9
-62.5°	701.0	712.2	720.2	724.2	720.2	712.2	701.0	686.9	670.5	656.2	644.5
-65°	537.2	537.0	538.9	539.8	538.9	537.0	537.2	534.7	529.2	524.8	519.4
-67.5°	439.2	442.8	448.0	452.6	448.0	442.8	439.2	434.5	428.9	423.9	419.5
-70°	353.3	354.1	341.8	325.2	341.8	354.1	353.3	353.0	354.5	356.2	353.7
-72.5°	226.7	198.9	186.3	174.3	186.3	198.9	226.7	253.8	280.1	298.7	297.2
-75°	167.8	138.7	137.3	137.5	137.3	138.7	167.8	196.1	223.6	244.9	244.4
-77.5°	126.7	101.3	100.5	100.6	100.5	101.3	126.7	150.8	173.3	191.0	189.9
-80°	86.0	73.8	75.3	77.1	75.3	73.8	86.0	97.7	108.9	119.0	123.2
-82.5°	58.0	50.1	50.2	50.3	50.2	50.1	58.0	65.4	72.3	78.3	76.2
-85°	22.3	20.0	20.1	20.1	20.1	20.0	22.3	24.6	26.7	28.6	27.2
-87.5°	4.2	3.4	3.4	3.4	3.4	3.4	4.2	5.0	5.7	6.5	6.4
-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: P559253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-MWR-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°	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.3	5.1	4.9	4.7
85°	25.8	24.4	23.1	25.6	27.7	29.3	30.2	26.8	23.6	20.5	17.9
82.5°	73.7	70.9	68.0	68.3	68.5	68.5	67.6	59.3	51.6	44.3	38.4
80°	126.3	128.0	128.0	125.4	122.6	119.4	113.9	99.0	85.5	73.6	65.4
77.5°	188.7	187.7	186.2	181.8	177.5	173.2	164.7	142.6	121.2	101.9	91.6
75°	243.1	241.1	237.5	231.2	224.3	216.9	204.3	182.3	159.4	135.4	122.9
72.5°	294.9	291.9	286.8	278.9	270.4	261.6	249.1	230.0	206.4	178.1	164.1
70°	350.2	345.8	339.2	329.5	319.0	308.5	298.6	285.0	265.7	241.4	227.5
67.5°	413.6	406.1	398.9	388.7	378.7	365.8	357.2	345.7	331.0	310.4	294.8
65°	508.4	491.4	481.1	479.6	470.0	451.2	430.6	417.3	403.2	383.9	362.4
62.5°	634.5	627.1	607.9	587.2	571.2	557.8	532.6	504.7	480.7	458.7	433.2
60°	736.7	719.5	703.6	684.5	662.4	640.9	620.1	592.9	559.1	531.6	503.6
57.5°	825.8	809.0	798.3	780.2	754.2	732.4	709.6	682.0	648.9	609.1	574.0
55°	926.0	913.3	902.0	884.9	861.5	831.8	802.4	772.9	735.7	687.9	644.6
52.5°	1045.2	1029.5	1012.6	994.5	967.0	930.4	895.6	860.8	817.6	765.8	713.2
50°	1184.1	1152.3	1124.1	1100.0	1064.3	1023.4	982.0	942.7	891.7	838.4	783.5
47.5°	1288.4	1261.1	1229.5	1194.6	1154.2	1110.5	1064.2	1014.7	961.3	905.8	848.1
45°	1444.8	1386.0	1324.3	1285.3	1240.0	1192.6	1143.2	1086.8	1028.5	969.5	908.8
42.5°	1851.1	1631.0	1488.4	1406.2	1330.6	1277.3	1217.6	1156.7	1094.5	1031.3	967.2
40°	3035.3	2179.7	1893.5	1615.2	1468.1	1372.5	1295.1	1223.9	1157.9	1091.0	1023.4
37.5°	5207.2	3994.6	3007.3	2114.8	1782.3	1502.2	1385.7	1293.7	1218.6	1148.8	1077.5
35°	7935.4	6537.9	4919.2	3600.5	2389.1	1865.6	1505.5	1376.3	1280.5	1204.8	1129.7
32.5°	10305.4	8944.2	7380.3	5566.5	3900.4	2517.6	1858.8	1486.5	1348.7	1260.2	1180.3
30°	12321.2	11063.6	9570.4	7763.7	5768.3	3890.3	2376.0	1768.6	1450.5	1312.8	1228.8
27.5°	13965.7	12837.5	11439.5	9796.3	7761.0	5553.6	3605.1	2119.5	1603.4	1391.9	1274.6
25°	15476.1	14286.2	12974.6	11441.0	9588.7	7362.2	4950.0	3043.9	1903.8	1476.5	1317.4
22.5°	16910.5	15646.6	14299.3	12813.2	11098.8	8971.0	6565.3	4072.3	2207.1	1629.5	1383.7
20°	18297.2	16904.3	15500.3	13956.4	12244.2	10388.8	8027.7	5304.9	3072.8	1862.0	1446.7
17.5°	19717.8	18123.6	16533.6	14962.1	13226.6	11363.8	9167.3	6544.2	3825.2	2071.2	1501.2
15°	21063.4	19282.5	17528.2	15800.3	14064.9	12177.2	10118.9	7648.2	4572.2	2494.5	1655.9
12.5°	22425.7	20352.5	18448.2	16511.0	14769.7	12855.9	10793.5	8401.6	5448.6	3012.9	1809.7
10°	23659.6	21334.3	19222.8	17172.6	15295.1	13397.4	11335.8	9007.1	6169.3	3439.1	1936.0
7.5°	24717.0	22188.1	19867.3	17712.1	15717.3	13849.1	11801.2	9490.2	6712.2	3768.3	2034.5
5°	25532.6	22811.9	20362.8	18154.4	16045.3	14157.1	12141.6	9842.1	7077.9	3999.5	2105.2
2.5°	26023.4	23189.9	20653.3	18428.9	16249.2	14332.7	12321.8	10067.2	7310.9	4148.7	2157.6
0°	26234.6	23304.4	20867.0	18614.0	16327.5	14406.4	12317.7	10151.9	7396.0	4204.2	2182.6
-2.5°	26023.4	23189.9	20653.3	18428.9	16249.2	14332.7	12321.8	10067.2	7310.9	4148.7	2157.6
-5°	25532.6	22811.9	20362.8	18154.4	16045.3	14157.1	12141.6	9842.1	7077.9	3999.5	2105.2
-7.5°	24717.0	22188.1	19867.3	17712.1	15717.3	13849.1	11801.2	9490.2	6712.2	3768.3	2034.5
-10°	23659.6	21334.3	19222.8	17172.6	15295.1	13397.4	11335.8	9007.1	6169.3	3439.1	1936.0
-12.5°	22425.7	20352.5	18448.2	16511.0	14769.7	12855.9	10793.5	8401.6	5448.6	3012.9	1809.7
-15°	21063.4	19282.5	17528.2	15800.3	14064.9	12177.2	10118.9	7648.2	4572.2	2494.5	1655.9
-17.5°	19717.8	18123.6	16533.6	14962.1	13226.6	11363.8	9167.3	6544.2	3825.2	2071.2	1501.2
-20°	18297.2	16904.3	15500.3	13956.4	12244.2	10388.8	8027.7	5304.9	3072.8	1862.0	1446.7



REPORT NUMBER: P559253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16910.5	15646.6	14299.3	12813.2	11098.8	8971.0	6565.3	4072.3	2207.1	1629.5	1383.7
-25°	15476.1	14286.2	12974.6	11441.0	9588.7	7362.2	4950.0	3043.9	1903.8	1476.5	1317.4
-27.5°	13965.7	12837.5	11439.5	9796.3	7761.0	5553.6	3605.1	2119.5	1603.4	1391.9	1274.6
-30°	12321.2	11063.6	9570.4	7763.7	5768.3	3890.3	2376.0	1768.6	1450.5	1312.8	1228.8
-32.5°	10305.4	8944.2	7380.3	5566.5	3900.4	2517.6	1858.8	1486.5	1348.7	1260.2	1180.3
-35°	7935.4	6537.9	4919.2	3600.5	2389.1	1865.6	1505.5	1376.3	1280.5	1204.8	1129.7
-37.5°	5207.2	3994.6	3007.3	2114.8	1782.3	1502.2	1385.7	1293.7	1218.6	1148.8	1077.5
-40°	3035.3	2179.7	1893.5	1615.2	1468.1	1372.5	1295.1	1223.9	1157.9	1091.0	1023.4
-42.5°	1851.1	1631.0	1488.4	1406.2	1330.6	1277.3	1217.6	1156.7	1094.5	1031.3	967.2
-45°	1444.8	1386.0	1324.3	1285.3	1240.0	1192.6	1143.2	1086.8	1028.5	969.5	908.8
-47.5°	1288.4	1261.1	1229.5	1194.6	1154.2	1110.5	1064.2	1014.7	961.3	905.8	848.1
-50°	1184.1	1152.3	1124.1	1100.0	1064.3	1023.4	982.0	942.7	891.7	838.4	783.5
-52.5°	1045.2	1029.5	1012.6	994.5	967.0	930.4	895.6	860.8	817.6	765.8	713.2
-55°	926.0	913.3	902.0	884.9	861.5	831.8	802.4	772.9	735.7	687.9	644.6
-57.5°	825.8	809.0	798.3	780.2	754.2	732.4	709.6	682.0	648.9	609.1	574.0
-60°	736.7	719.5	703.6	684.5	662.4	640.9	620.1	592.9	559.1	531.6	503.6
-62.5°	634.5	627.1	607.9	587.2	571.2	557.8	532.6	504.7	480.7	458.7	433.2
-65°	508.4	491.4	481.1	479.6	470.0	451.2	430.6	417.3	403.2	383.9	362.4
-67.5°	413.6	406.1	398.9	388.7	378.7	365.8	357.2	345.7	331.0	310.4	294.8
-70°	350.2	345.8	339.2	329.5	319.0	308.5	298.6	285.0	265.7	241.4	227.5
-72.5°	294.9	291.9	286.8	278.9	270.4	261.6	249.1	230.0	206.4	178.1	164.1
-75°	243.1	241.1	237.5	231.2	224.3	216.9	204.3	182.3	159.4	135.4	122.9
-77.5°	188.7	187.7	186.2	181.8	177.5	173.2	164.7	142.6	121.2	101.9	91.6
-80°	126.3	128.0	128.0	125.4	122.6	119.4	113.9	99.0	85.5	73.6	65.4
-82.5°	73.7	70.9	68.0	68.3	68.5	68.5	67.6	59.3	51.6	44.3	38.4
-85°	25.8	24.4	23.1	25.6	27.7	29.3	30.2	26.8	23.6	20.5	17.9
-87.5°	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.3	5.1	4.9	4.7
-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: P559253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-MWR-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°	5.7	6.5	7.1	7.7	8.1	8.4	8.5	8.5	8.0	7.5	6.8
85°	19.1	19.7	19.8	19.3	18.1	16.8	17.1	17.0	16.0	14.9	13.6
82.5°	40.0	41.5	42.5	42.4	39.7	36.9	33.9	30.9	27.5	23.0	20.4
80°	69.1	71.4	72.0	70.2	63.5	56.9	52.4	48.1	44.6	39.7	33.2
77.5°	98.5	102.9	104.8	102.4	93.3	84.1	75.0	66.8	61.8	56.4	49.1
75°	128.8	135.6	139.6	137.1	125.7	111.2	99.6	90.0	82.9	73.7	65.1
72.5°	167.2	170.5	174.2	173.5	163.4	148.9	130.1	113.4	105.5	95.1	82.1
70°	218.5	209.0	206.7	205.3	199.2	187.9	169.0	146.8	128.4	116.6	102.0
67.5°	281.3	268.1	254.5	240.1	232.7	222.6	207.6	181.6	157.3	138.2	121.9
65°	343.3	325.7	309.1	288.1	270.7	257.4	241.9	214.2	185.0	160.9	141.9
62.5°	406.7	380.8	358.5	334.1	311.1	292.4	275.9	244.4	211.7	182.6	160.0
60°	473.1	441.9	408.0	378.6	350.9	325.9	303.8	274.2	238.8	203.0	176.5
57.5°	540.4	503.9	462.6	424.0	390.8	360.2	330.3	300.2	265.4	226.0	191.0
55°	606.8	566.8	517.0	471.1	431.0	395.8	358.2	324.1	290.5	249.3	201.7
52.5°	666.1	624.2	574.7	519.3	471.1	429.8	388.3	347.7	311.8	272.1	216.2
50°	726.6	674.7	627.5	572.4	511.2	463.3	417.5	373.7	332.6	293.3	229.7
47.5°	789.5	729.0	673.7	622.0	559.6	495.9	446.9	399.1	353.0	311.4	241.5
45°	847.4	784.8	721.2	663.9	604.6	533.8	475.7	423.6	374.8	320.6	251.7
42.5°	902.3	836.8	770.4	704.5	642.3	571.1	503.6	448.5	395.8	327.8	258.8
40°	954.9	885.9	816.6	747.8	680.0	605.1	533.9	472.7	414.4	334.0	263.6
37.5°	1004.9	932.7	860.1	789.3	718.4	640.3	561.9	495.8	423.5	340.9	266.9
35°	1053.4	976.9	903.3	829.1	754.7	675.9	587.0	518.1	437.1	346.6	268.8
32.5°	1099.5	1020.1	944.3	867.4	788.9	711.8	615.1	538.3	453.5	351.3	269.3
30°	1144.4	1062.4	982.7	904.0	821.5	741.7	646.8	558.3	472.7	354.8	269.2
27.5°	1187.4	1101.3	1018.6	937.6	853.1	769.2	677.7	577.8	494.3	361.7	271.0
25°	1226.7	1137.7	1052.0	968.3	882.8	795.7	706.3	597.0	512.3	376.3	271.7
22.5°	1263.2	1170.8	1082.2	996.4	911.8	821.2	730.4	620.6	527.1	391.5	271.4
20°	1296.4	1200.2	1110.4	1026.1	938.1	845.5	751.0	642.0	541.0	406.9	270.0
17.5°	1329.5	1230.9	1142.8	1054.3	962.3	867.6	770.1	661.1	553.9	422.1	267.4
15°	1381.9	1264.0	1172.4	1080.7	984.9	887.3	787.6	677.9	565.6	436.8	266.6
12.5°	1429.0	1293.7	1199.0	1105.2	1005.4	904.6	803.4	692.3	576.0	446.9	267.7
10°	1468.7	1319.6	1222.4	1127.4	1023.8	919.6	817.2	704.6	584.6	451.0	267.1
7.5°	1501.2	1341.9	1242.6	1147.2	1040.8	933.9	830.1	715.0	593.1	451.5	264.9
5°	1529.1	1366.3	1267.9	1168.8	1061.0	948.0	840.8	722.8	600.7	448.4	261.4
2.5°	1561.0	1395.7	1295.9	1187.8	1078.5	959.8	849.2	728.1	606.6	442.0	256.9
0°	1585.8	1421.5	1320.9	1203.6	1093.0	968.9	854.9	730.9	610.2	432.5	251.4
-2.5°	1561.0	1395.7	1295.9	1187.8	1078.5	959.8	849.2	728.1	606.6	442.0	256.9
-5°	1529.1	1366.3	1267.9	1168.8	1061.0	948.0	840.8	722.8	600.7	448.4	261.4
-7.5°	1501.2	1341.9	1242.6	1147.2	1040.8	933.9	830.1	715.0	593.1	451.5	264.9
-10°	1468.7	1319.6	1222.4	1127.4	1023.8	919.6	817.2	704.6	584.6	451.0	267.1
-12.5°	1429.0	1293.7	1199.0	1105.2	1005.4	904.6	803.4	692.3	576.0	446.9	267.7
-15°	1381.9	1264.0	1172.4	1080.7	984.9	887.3	787.6	677.9	565.6	436.8	266.6
-17.5°	1329.5	1230.9	1142.8	1054.3	962.3	867.6	770.1	661.1	553.9	422.1	267.4
-20°	1296.4	1200.2	1110.4	1026.1	938.1	845.5	751.0	642.0	541.0	406.9	270.0



REPORT NUMBER: P559253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1263.2	1170.8	1082.2	996.4	911.8	821.2	730.4	620.6	527.1	391.5	271.4
-25°	1226.7	1137.7	1052.0	968.3	882.8	795.7	706.3	597.0	512.3	376.3	271.7
-27.5°	1187.4	1101.3	1018.6	937.6	853.1	769.2	677.7	577.8	494.3	361.7	271.0
-30°	1144.4	1062.4	982.7	904.0	821.5	741.7	646.8	558.3	472.7	354.8	269.2
-32.5°	1099.5	1020.1	944.3	867.4	788.9	711.8	615.1	538.3	453.5	351.3	269.3
-35°	1053.4	976.9	903.3	829.1	754.7	675.9	587.0	518.1	437.1	346.6	268.8
-37.5°	1004.9	932.7	860.1	789.3	718.4	640.3	561.9	495.8	423.5	340.9	266.9
-40°	954.9	885.9	816.6	747.8	680.0	605.1	533.9	472.7	414.4	334.0	263.6
-42.5°	902.3	836.8	770.4	704.5	642.3	571.1	503.6	448.5	395.8	327.8	258.8
-45°	847.4	784.8	721.2	663.9	604.6	533.8	475.7	423.6	374.8	320.6	251.7
-47.5°	789.5	729.0	673.7	622.0	559.6	495.9	446.9	399.1	353.0	311.4	241.5
-50°	726.6	674.7	627.5	572.4	511.2	463.3	417.5	373.7	332.6	293.3	229.7
-52.5°	666.1	624.2	574.7	519.3	471.1	429.8	388.3	347.7	311.8	272.1	216.2
-55°	606.8	566.8	517.0	471.1	431.0	395.8	358.2	324.1	290.5	249.3	201.7
-57.5°	540.4	503.9	462.6	424.0	390.8	360.2	330.3	300.2	265.4	226.0	191.0
-60°	473.1	441.9	408.0	378.6	350.9	325.9	303.8	274.2	238.8	203.0	176.5
-62.5°	406.7	380.8	358.5	334.1	311.1	292.4	275.9	244.4	211.7	182.6	160.0
-65°	343.3	325.7	309.1	288.1	270.7	257.4	241.9	214.2	185.0	160.9	141.9
-67.5°	281.3	268.1	254.5	240.1	232.7	222.6	207.6	181.6	157.3	138.2	121.9
-70°	218.5	209.0	206.7	205.3	199.2	187.9	169.0	146.8	128.4	116.6	102.0
-72.5°	167.2	170.5	174.2	173.5	163.4	148.9	130.1	113.4	105.5	95.1	82.1
-75°	128.8	135.6	139.6	137.1	125.7	111.2	99.6	90.0	82.9	73.7	65.1
-77.5°	98.5	102.9	104.8	102.4	93.3	84.1	75.0	66.8	61.8	56.4	49.1
-80°	69.1	71.4	72.0	70.2	63.5	56.9	52.4	48.1	44.6	39.7	33.2
-82.5°	40.0	41.5	42.5	42.4	39.7	36.9	33.9	30.9	27.5	23.0	20.4
-85°	19.1	19.7	19.8	19.3	18.1	16.8	17.1	17.0	16.0	14.9	13.6
-87.5°	5.7	6.5	7.1	7.7	8.1	8.4	8.5	8.5	8.0	7.5	6.8
-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: P559253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-MWR-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°	6.1	4.7	3.5	2.4	1.5	0.7	0.0
85°	12.1	9.4	7.0	4.8	2.9	1.5	0.0
82.5°	18.1	14.1	10.4	7.2	4.4	2.2	0.0
80°	25.1	18.7	13.9	9.6	5.8	2.9	0.0
77.5°	39.3	25.5	17.2	11.9	7.3	3.6	0.0
75°	53.3	36.4	21.4	14.2	8.7	4.3	0.0
72.5°	67.0	47.0	29.3	16.4	10.1	5.1	0.0
70°	80.6	57.3	37.0	19.2	11.5	5.7	0.0
67.5°	96.5	67.4	44.5	24.4	12.8	6.4	0.0
65°	111.7	78.1	51.7	29.5	14.2	7.1	0.0
62.5°	126.3	89.4	58.6	34.3	15.5	7.8	0.0
60°	140.1	100.2	65.3	39.0	16.8	8.4	0.0
57.5°	149.6	110.4	72.9	43.5	19.7	9.0	0.0
55°	157.5	120.0	80.2	47.8	22.6	9.6	0.0
52.5°	164.3	128.3	87.0	51.9	25.4	10.2	0.0
50°	169.9	132.4	93.3	55.7	28.0	10.8	0.0
47.5°	175.1	135.7	99.2	59.4	30.6	11.3	0.0
45°	183.6	138.1	104.5	63.4	33.0	11.9	0.0
42.5°	190.8	139.8	109.4	67.0	35.3	12.4	0.0
40°	196.7	140.6	111.9	70.9	37.5	12.9	0.0
37.5°	201.2	140.5	112.3	74.8	39.6	13.3	0.0
35°	204.5	142.3	112.1	78.7	41.5	13.8	0.0
32.5°	206.1	144.5	111.4	82.5	43.3	14.2	0.0
30°	205.9	145.8	110.3	86.1	45.0	14.5	0.0
27.5°	204.7	146.3	111.5	89.6	46.5	14.9	0.0
25°	202.5	145.8	112.8	92.9	47.9	15.2	0.0
22.5°	199.2	146.2	113.9	96.1	49.1	15.5	0.0
20°	195.1	149.9	114.8	99.1	50.2	15.8	0.0
17.5°	195.3	153.3	115.5	101.8	51.1	16.0	0.0
15°	198.2	156.2	116.1	104.4	51.9	16.2	0.0
12.5°	200.6	158.6	116.6	106.7	52.6	16.4	0.0
10°	202.4	160.7	116.9	108.7	53.1	16.5	0.0
7.5°	203.7	162.3	117.1	110.5	53.4	16.7	0.0
5°	204.4	163.4	117.2	112.0	53.6	16.7	0.0
2.5°	204.7	164.1	117.3	113.2	53.7	16.8	0.0
0°	204.5	164.3	117.3	114.0	53.6	16.8	0.0
-2.5°	204.7	164.1	117.3	113.2	53.7	16.8	0.0
-5°	204.4	163.4	117.2	112.0	53.6	16.7	0.0
-7.5°	203.7	162.3	117.1	110.5	53.4	16.7	0.0
-10°	202.4	160.7	116.9	108.7	53.1	16.5	0.0
-12.5°	200.6	158.6	116.6	106.7	52.6	16.4	0.0
-15°	198.2	156.2	116.1	104.4	51.9	16.2	0.0
-17.5°	195.3	153.3	115.5	101.8	51.1	16.0	0.0
-20°	195.1	149.9	114.8	99.1	50.2	15.8	0.0



REPORT NUMBER: P559253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	199.2	146.2	113.9	96.1	49.1	15.5	0.0
-25°	202.5	145.8	112.8	92.9	47.9	15.2	0.0
-27.5°	204.7	146.3	111.5	89.6	46.5	14.9	0.0
-30°	205.9	145.8	110.3	86.1	45.0	14.5	0.0
-32.5°	206.1	144.5	111.4	82.5	43.3	14.2	0.0
-35°	204.5	142.3	112.1	78.7	41.5	13.8	0.0
-37.5°	201.2	140.5	112.3	74.8	39.6	13.3	0.0
-40°	196.7	140.6	111.9	70.9	37.5	12.9	0.0
-42.5°	190.8	139.8	109.4	67.0	35.3	12.4	0.0
-45°	183.6	138.1	104.5	63.4	33.0	11.9	0.0
-47.5°	175.1	135.7	99.2	59.4	30.6	11.3	0.0
-50°	169.9	132.4	93.3	55.7	28.0	10.8	0.0
-52.5°	164.3	128.3	87.0	51.9	25.4	10.2	0.0
-55°	157.5	120.0	80.2	47.8	22.6	9.6	0.0
-57.5°	149.6	110.4	72.9	43.5	19.7	9.0	0.0
-60°	140.1	100.2	65.3	39.0	16.8	8.4	0.0
-62.5°	126.3	89.4	58.6	34.3	15.5	7.8	0.0
-65°	111.7	78.1	51.7	29.5	14.2	7.1	0.0
-67.5°	96.5	67.4	44.5	24.4	12.8	6.4	0.0
-70°	80.6	57.3	37.0	19.2	11.5	5.7	0.0
-72.5°	67.0	47.0	29.3	16.4	10.1	5.1	0.0
-75°	53.3	36.4	21.4	14.2	8.7	4.3	0.0
-77.5°	39.3	25.5	17.2	11.9	7.3	3.6	0.0
-80°	25.1	18.7	13.9	9.6	5.8	2.9	0.0
-82.5°	18.1	14.1	10.4	7.2	4.4	2.2	0.0
-85°	12.1	9.4	7.0	4.8	2.9	1.5	0.0
-87.5°	6.1	4.7	3.5	2.4	1.5	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)