

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: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-930-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5D-930-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (80) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

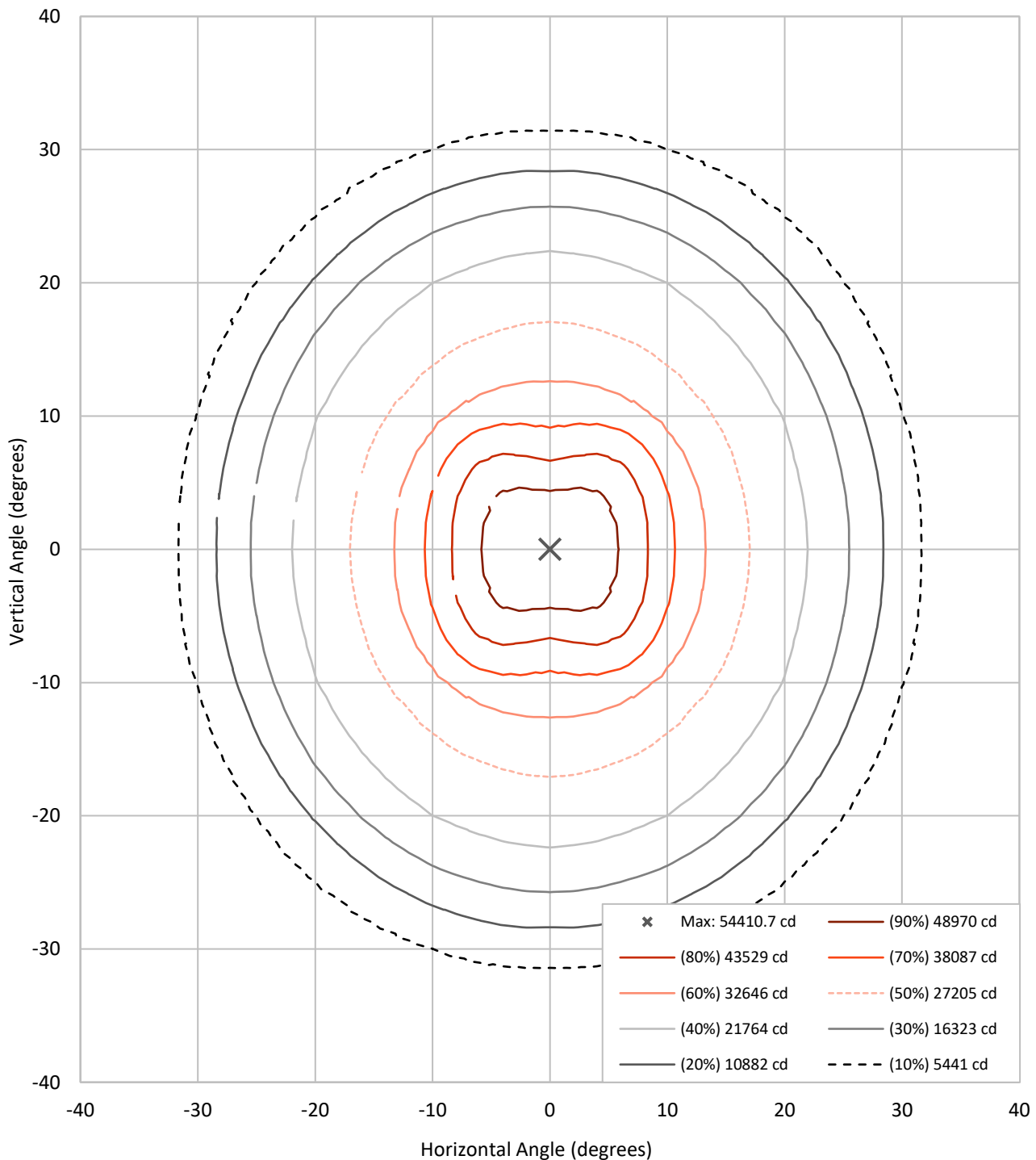
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	24069.8 lumens	Max Intensity:	54410.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	10252.2 lumens	Field Lumens:	20953.4 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 266
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: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-930-U-MR-XX

Iso-Candela Plot





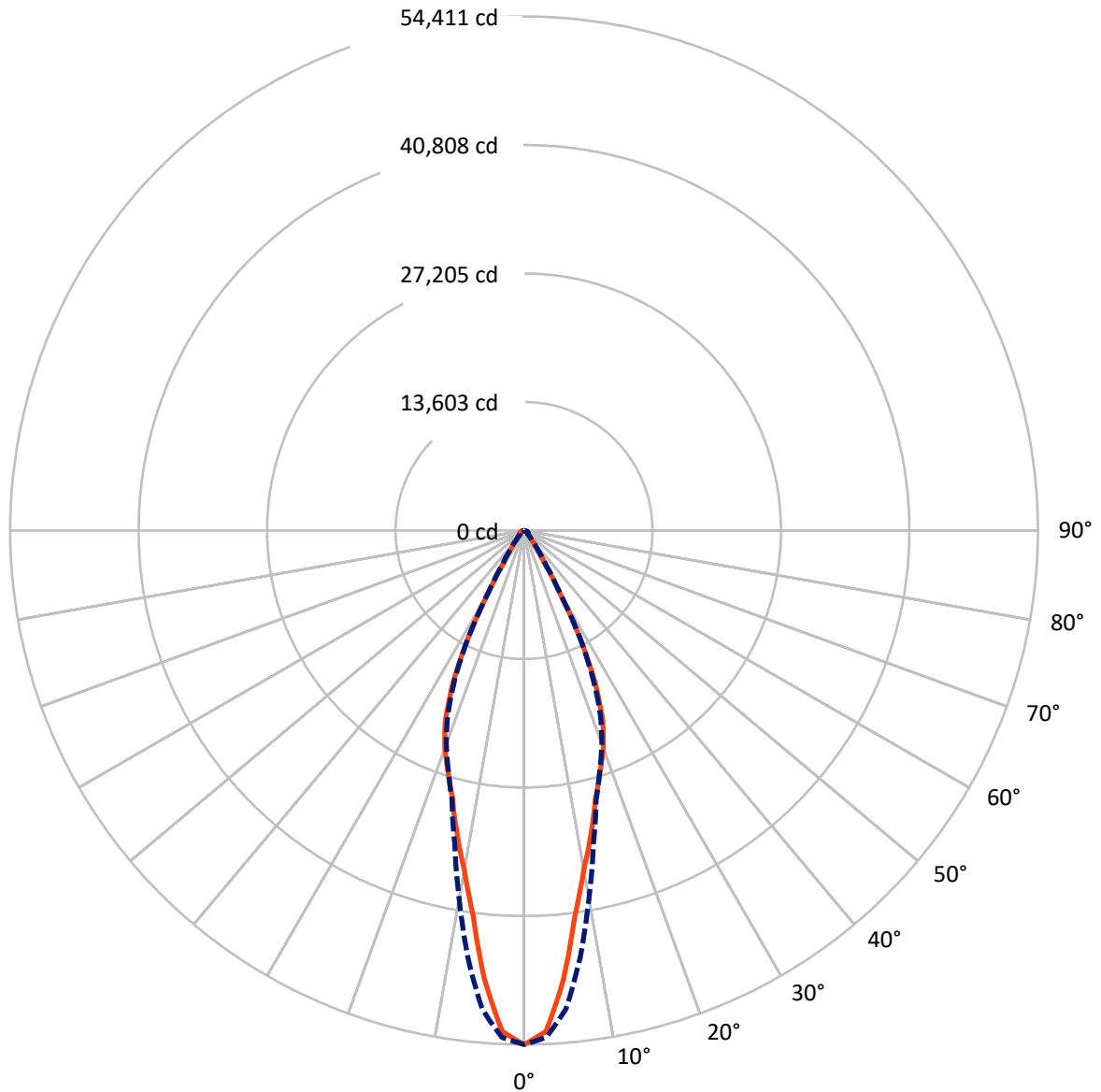
REPORT NUMBER: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-XX

Lumen Table

90																
80	0.3	2.7		7.5		12.3		14.4		12.3		7.5		2.7		0.3
70																
60	1.2	1.4	3.1	5.3	7.8	10.0	11.7	12.7	12.7	11.7	10.0	7.8	5.3	3.1	1.4	1.2
50		2.3	4.9	8.5	11.6	13.1	13.9	14.2	14.2	13.9	13.1	11.6	8.5	4.9	2.3	
40	2.3	3.1	6.8	10.3	12.0	14.8	19.0	21.9	21.9	19.0	14.8	12.0	10.3	6.8	3.1	2.3
30		3.9	8.0	10.3	15.5	30.7	58.3	89.1	89.1	58.3	30.7	15.5	10.3	8.0	3.9	
20	3.1	4.6	8.2	11.5	28.2	93.6	294.5	484.9	484.9	294.5	93.6	28.2	11.5	8.2	4.6	3.1
10		5.0	8.2	14.2	52.6	277.6	656.0	868.9	868.9	656.0	277.6	52.6	14.2	8.2	5.0	
0	3.4	5.3	8.2	16.4	80.0	437.3	853.2	1346.3	1346.3	853.2	437.3	80.0	16.4	8.2	5.3	3.4
-10		5.3	8.2	16.4	80.0	437.3	853.2	1346.3	1346.3	853.2	437.3	80.0	16.4	8.2	5.3	
-20	3.1	5.0	8.2	14.2	52.6	277.6	656.0	868.9	868.9	656.0	277.6	52.6	14.2	8.2	5.0	3.1
-30		4.6	8.2	11.5	28.2	93.6	294.5	484.9	484.9	294.5	93.6	28.2	11.5	8.2	4.6	
-40	2.3	3.9	8.0	10.3	15.5	30.7	58.3	89.1	89.1	58.3	30.7	15.5	10.3	8.0	3.9	2.3
-50		3.1	6.8	10.3	12.0	14.8	19.0	21.9	21.9	19.0	14.8	12.0	10.3	6.8	3.1	
-60	1.2	2.3	4.9	8.5	11.6	13.1	13.9	14.2	14.2	13.9	13.1	11.6	8.5	4.9	2.3	1.2
-70		1.4	3.1	5.3	7.8	10.0	11.7	12.7	12.7	11.7	10.0	7.8	5.3	3.1	1.4	
-80																
-90	0.3	2.7		7.5		12.3		14.4		12.3		7.5		2.7		0.3

REPORT NUMBER: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-930-U-MR-XX

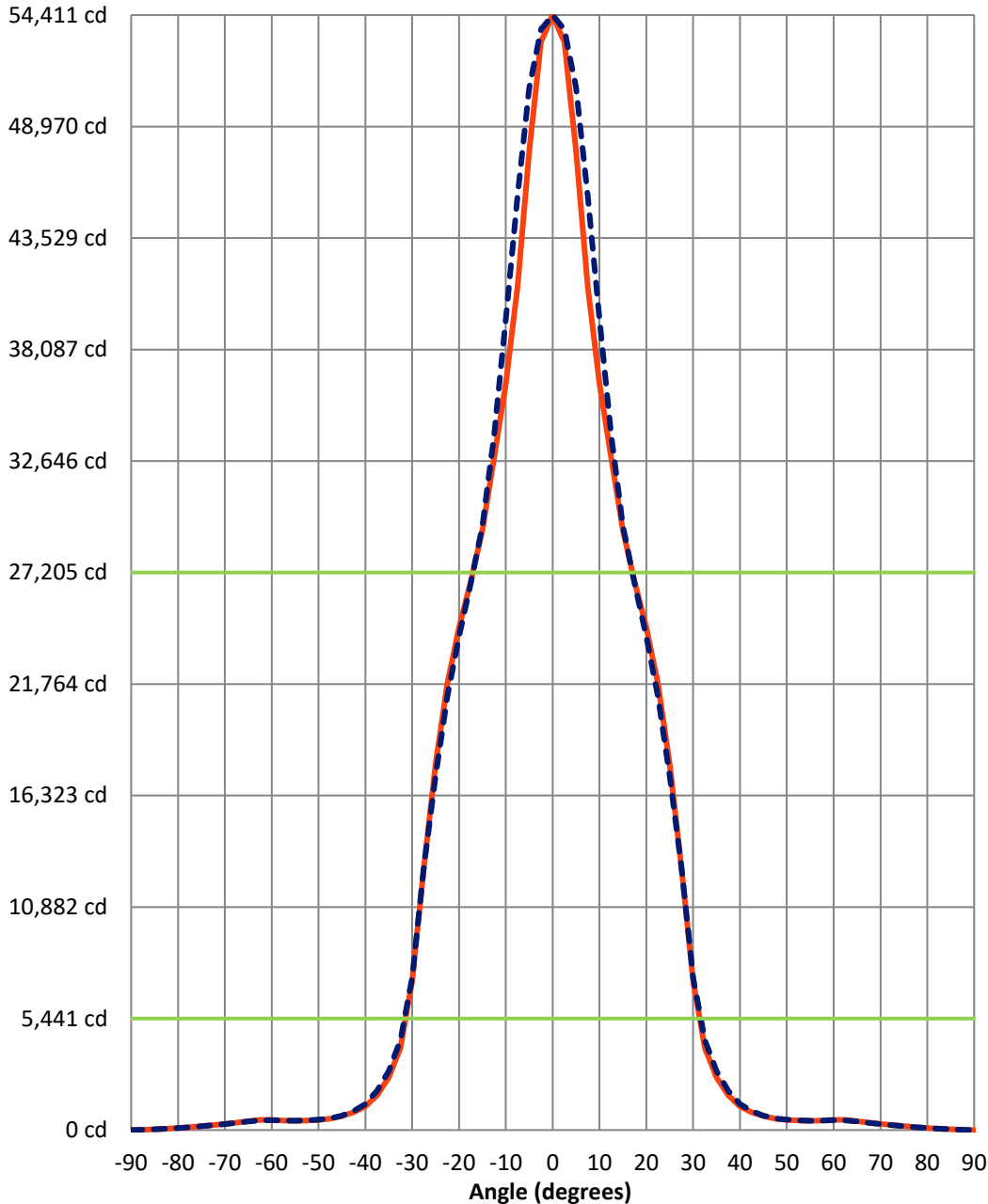
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-XX

Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 10252.2
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 20953.4
 Efficiency: 87.1%

Spill:
 Lumens: 3116.4
 Efficiency: 12.9%

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



REPORT NUMBER: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-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	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.7	5.3	5.8
85°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.4	10.6	11.7
82.5°	0.0	1.8	3.6	5.4	7.2	8.9	10.7	12.4	14.4	17.2	19.9
80°	0.0	2.4	4.8	7.2	9.5	11.9	14.6	18.7	22.6	26.2	29.6
77.5°	0.0	3.0	6.0	8.9	11.9	15.6	21.0	26.1	30.8	35.2	39.8
75°	0.0	3.6	7.1	10.7	14.5	20.8	27.4	33.4	39.0	45.0	51.2
72.5°	0.0	4.1	8.3	12.4	18.6	26.0	33.6	40.7	47.8	55.0	62.4
70°	0.0	4.7	9.4	14.4	22.5	31.0	39.8	48.2	56.4	64.9	75.8
67.5°	0.0	5.3	10.6	17.2	26.4	36.0	46.0	55.4	64.9	77.3	89.6
65°	0.0	5.8	11.7	20.0	30.2	41.1	52.2	62.6	75.8	89.6	104.3
62.5°	0.0	6.4	12.7	22.8	33.9	46.3	58.3	71.3	86.6	102.3	121.2
60°	0.0	6.9	13.8	25.4	37.6	51.5	64.4	80.5	97.1	117.3	137.8
57.5°	0.0	7.4	15.5	28.0	41.7	56.6	72.0	89.5	109.5	132.0	154.8
55°	0.0	7.9	17.2	30.6	45.8	61.6	79.6	98.4	122.3	146.4	171.6
52.5°	0.0	8.4	18.9	33.0	49.8	66.7	87.0	109.0	134.6	160.7	187.7
50°	0.0	8.9	20.5	35.3	53.7	72.7	94.2	119.3	146.6	174.4	204.6
47.5°	0.0	9.3	22.1	37.7	57.5	78.5	101.3	129.3	158.2	187.5	221.3
45°	0.0	9.8	23.6	40.5	61.2	84.1	109.4	138.7	169.2	202.2	237.7
42.5°	0.0	10.2	25.1	43.2	64.8	89.4	117.0	147.9	179.9	216.5	254.5
40°	0.0	10.6	26.5	45.8	68.6	94.5	124.3	156.9	190.9	230.4	270.8
37.5°	0.0	10.9	27.9	48.3	72.4	99.4	131.1	165.5	202.5	243.7	286.3
35°	0.0	11.3	29.2	50.6	76.1	104.5	137.4	173.6	213.5	256.7	301.3
32.5°	0.0	11.6	30.4	52.7	79.6	109.5	143.5	181.3	223.8	268.9	315.5
30°	0.0	12.0	31.5	54.7	82.8	114.1	149.6	188.9	233.3	280.3	328.9
27.5°	0.0	12.2	32.6	56.5	85.6	118.3	155.4	196.6	242.3	291.0	341.3
25°	0.0	12.5	33.6	58.1	88.1	122.2	160.7	203.7	250.9	301.0	352.7
22.5°	0.0	12.7	34.6	59.5	90.4	125.6	165.5	210.1	258.8	310.3	364.2
20°	0.0	13.0	35.4	60.7	92.4	128.5	169.9	215.8	265.8	318.6	374.5
17.5°	0.0	13.2	36.2	61.8	94.2	131.0	173.8	220.8	272.1	326.0	383.5
15°	0.0	13.3	36.9	62.7	95.7	133.2	177.2	225.2	277.5	332.4	391.2
12.5°	0.0	13.5	37.5	63.4	96.9	135.0	180.1	229.0	282.0	337.9	397.7
10°	0.0	13.6	38.0	64.0	97.9	136.5	182.5	232.1	285.5	342.8	403.5
7.5°	0.0	13.7	38.5	64.4	98.6	137.6	184.4	234.6	288.2	346.9	409.4
5°	0.0	13.7	38.8	64.6	99.1	138.2	185.8	236.3	289.9	350.0	414.2
2.5°	0.0	13.8	39.1	64.7	99.3	138.6	186.6	237.4	290.8	352.1	417.8
0°	0.0	13.8	39.2	64.6	99.2	138.5	186.9	237.7	290.8	353.1	420.1
-2.5°	0.0	13.8	39.1	64.7	99.3	138.6	186.6	237.4	290.8	352.1	417.8
-5°	0.0	13.7	38.8	64.6	99.1	138.2	185.8	236.3	289.9	350.0	414.2
-7.5°	0.0	13.7	38.5	64.4	98.6	137.6	184.4	234.6	288.2	346.9	409.4
-10°	0.0	13.6	38.0	64.0	97.9	136.5	182.5	232.1	285.5	342.8	403.5
-12.5°	0.0	13.5	37.5	63.4	96.9	135.0	180.1	229.0	282.0	337.9	397.7
-15°	0.0	13.3	36.9	62.7	95.7	133.2	177.2	225.2	277.5	332.4	391.2
-17.5°	0.0	13.2	36.2	61.8	94.2	131.0	173.8	220.8	272.1	326.0	383.5
-20°	0.0	13.0	35.4	60.7	92.4	128.5	169.9	215.8	265.8	318.6	374.5



REPORT NUMBER: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.7	34.6	59.5	90.4	125.6	165.5	210.1	258.8	310.3	364.2
-25°	0.0	12.5	33.6	58.1	88.1	122.2	160.7	203.7	250.9	301.0	352.7
-27.5°	0.0	12.2	32.6	56.5	85.6	118.3	155.4	196.6	242.3	291.0	341.3
-30°	0.0	12.0	31.5	54.7	82.8	114.1	149.6	188.9	233.3	280.3	328.9
-32.5°	0.0	11.6	30.4	52.7	79.6	109.5	143.5	181.3	223.8	268.9	315.5
-35°	0.0	11.3	29.2	50.6	76.1	104.5	137.4	173.6	213.5	256.7	301.3
-37.5°	0.0	10.9	27.9	48.3	72.4	99.4	131.1	165.5	202.5	243.7	286.3
-40°	0.0	10.6	26.5	45.8	68.6	94.5	124.3	156.9	190.9	230.4	270.8
-42.5°	0.0	10.2	25.1	43.2	64.8	89.4	117.0	147.9	179.9	216.5	254.5
-45°	0.0	9.8	23.6	40.5	61.2	84.1	109.4	138.7	169.2	202.2	237.7
-47.5°	0.0	9.3	22.1	37.7	57.5	78.5	101.3	129.3	158.2	187.5	221.3
-50°	0.0	8.9	20.5	35.3	53.7	72.7	94.2	119.3	146.6	174.4	204.6
-52.5°	0.0	8.4	18.9	33.0	49.8	66.7	87.0	109.0	134.6	160.7	187.7
-55°	0.0	7.9	17.2	30.6	45.8	61.6	79.6	98.4	122.3	146.4	171.6
-57.5°	0.0	7.4	15.5	28.0	41.7	56.6	72.0	89.5	109.5	132.0	154.8
-60°	0.0	6.9	13.8	25.4	37.6	51.5	64.4	80.5	97.1	117.3	137.8
-62.5°	0.0	6.4	12.7	22.8	33.9	46.3	58.3	71.3	86.6	102.3	121.2
-65°	0.0	5.8	11.7	20.0	30.2	41.1	52.2	62.6	75.8	89.6	104.3
-67.5°	0.0	5.3	10.6	17.2	26.4	36.0	46.0	55.4	64.9	77.3	89.6
-70°	0.0	4.7	9.4	14.4	22.5	31.0	39.8	48.2	56.4	64.9	75.8
-72.5°	0.0	4.1	8.3	12.4	18.6	26.0	33.6	40.7	47.8	55.0	62.4
-75°	0.0	3.6	7.1	10.7	14.5	20.8	27.4	33.4	39.0	45.0	51.2
-77.5°	0.0	3.0	6.0	8.9	11.9	15.6	21.0	26.1	30.8	35.2	39.8
-80°	0.0	2.4	4.8	7.2	9.5	11.9	14.6	18.7	22.6	26.2	29.6
-82.5°	0.0	1.8	3.6	5.4	7.2	8.9	10.7	12.4	14.4	17.2	19.9
-85°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.4	10.6	11.7
-87.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.7	5.3	5.8
-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: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-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°	6.4	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.2	10.6	10.9
85°	12.7	13.8	15.5	17.2	18.7	20.1	21.3	22.4	23.7	24.9	26.0
82.5°	22.6	25.3	27.9	30.4	32.4	34.2	36.0	38.5	41.3	44.1	46.8
80°	33.2	36.7	41.0	45.5	49.4	53.3	57.3	61.1	65.0	69.1	73.2
77.5°	45.2	50.8	56.6	62.4	68.0	74.5	80.9	87.3	93.1	98.2	102.9
75°	57.8	64.8	73.3	81.9	90.3	98.4	106.6	115.5	123.4	130.4	137.1
72.5°	71.6	81.8	92.0	102.3	113.8	124.8	135.5	145.8	155.2	164.1	172.9
70°	87.0	98.7	112.3	126.1	139.4	152.1	164.5	176.1	187.1	198.7	211.0
67.5°	102.6	118.7	134.5	150.1	165.7	180.0	193.6	208.6	223.4	238.0	252.0
65°	121.3	139.0	157.2	175.1	192.2	209.5	226.9	244.0	261.4	278.0	293.4
62.5°	139.8	160.4	180.6	200.3	220.5	240.2	260.6	280.6	300.0	320.1	339.5
60°	159.4	181.9	204.0	226.2	248.9	272.5	295.1	318.7	342.4	365.2	387.2
57.5°	178.8	203.2	227.3	252.5	278.9	305.0	331.8	358.2	385.4	411.3	434.0
55°	197.8	224.0	251.1	280.1	309.1	338.9	368.9	399.7	428.9	450.8	471.3
52.5°	216.7	244.9	276.1	307.5	339.8	373.3	408.1	437.9	462.3	480.9	485.4
50°	235.3	267.6	300.6	335.1	370.8	408.7	442.0	468.9	482.6	487.8	485.0
47.5°	255.0	289.7	325.1	362.3	402.2	438.4	469.9	483.6	490.1	483.0	474.2
45°	274.5	311.7	349.2	390.0	429.8	464.1	481.8	491.5	482.8	474.3	468.2
42.5°	293.3	333.1	374.1	416.1	453.3	477.5	488.6	483.1	475.6	469.0	471.2
40°	311.9	353.6	398.5	438.1	471.6	483.9	482.0	475.2	470.8	473.6	483.1
37.5°	329.8	375.2	421.1	459.4	477.5	482.5	474.2	469.8	473.0	484.0	504.8
35°	346.7	396.0	439.7	471.7	483.9	475.3	469.4	468.7	481.1	503.2	534.1
32.5°	363.9	415.7	457.0	477.2	479.1	469.7	465.2	475.8	495.3	524.6	576.4
30°	380.6	430.9	469.8	482.1	473.7	466.4	468.9	484.2	510.7	559.2	643.3
27.5°	395.9	444.7	474.0	479.8	468.9	462.9	474.4	497.3	535.8	600.5	720.6
25°	409.8	457.1	477.6	475.4	465.8	465.1	480.7	509.1	562.1	666.9	831.3
22.5°	421.3	468.6	481.1	471.3	462.7	468.9	490.6	530.0	600.9	729.5	946.8
20°	430.6	471.4	480.4	467.4	459.6	471.9	499.4	550.6	653.3	827.4	1076.9
17.5°	439.1	474.0	477.2	464.8	461.5	476.7	508.7	568.9	699.7	911.5	1201.9
15°	446.6	476.2	474.1	462.6	463.7	483.2	523.7	603.5	755.5	990.8	1314.1
12.5°	453.1	478.1	471.1	460.8	465.4	488.6	536.5	634.9	810.5	1076.8	1494.1
10°	458.5	479.6	468.5	459.2	466.5	492.9	546.8	659.7	852.8	1149.7	1645.1
7.5°	463.5	480.9	466.2	458.0	467.1	496.1	554.8	678.0	883.0	1208.3	1758.1
5°	467.2	481.7	464.9	457.4	468.7	499.6	560.6	689.8	901.4	1250.9	1833.8
2.5°	469.6	482.2	464.2	457.1	471.1	504.2	565.5	699.8	917.8	1272.0	1887.5
0°	470.8	482.4	463.9	457.0	473.1	507.8	567.8	703.9	925.5	1271.7	1920.2
-2.5°	469.6	482.2	464.2	457.1	471.1	504.2	565.5	699.8	917.8	1272.0	1887.5
-5°	467.2	481.7	464.9	457.4	468.7	499.6	560.6	689.8	901.4	1250.9	1833.8
-7.5°	463.5	480.9	466.2	458.0	467.1	496.1	554.8	678.0	883.0	1208.3	1758.1
-10°	458.5	479.6	468.5	459.2	466.5	492.9	546.8	659.7	852.8	1149.7	1645.1
-12.5°	453.1	478.1	471.1	460.8	465.4	488.6	536.5	634.9	810.5	1076.8	1494.1
-15°	446.6	476.2	474.1	462.6	463.7	483.2	523.7	603.5	755.5	990.8	1314.1
-17.5°	439.1	474.0	477.2	464.8	461.5	476.7	508.7	568.9	699.7	911.5	1201.9
-20°	430.6	471.4	480.4	467.4	459.6	471.9	499.4	550.6	653.3	827.4	1076.9



REPORT NUMBER: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	421.3	468.6	481.1	471.3	462.7	468.9	490.6	530.0	600.9	729.5	946.8
-25°	409.8	457.1	477.6	475.4	465.8	465.1	480.7	509.1	562.1	666.9	831.3
-27.5°	395.9	444.7	474.0	479.8	468.9	462.9	474.4	497.3	535.8	600.5	720.6
-30°	380.6	430.9	469.8	482.1	473.7	466.4	468.9	484.2	510.7	559.2	643.3
-32.5°	363.9	415.7	457.0	477.2	479.1	469.7	465.2	475.8	495.3	524.6	576.4
-35°	346.7	396.0	439.7	471.7	483.9	475.3	469.4	468.7	481.1	503.2	534.1
-37.5°	329.8	375.2	421.1	459.4	477.5	482.5	474.2	469.8	473.0	484.0	504.8
-40°	311.9	353.6	398.5	438.1	471.6	483.9	482.0	475.2	470.8	473.6	483.1
-42.5°	293.3	333.1	374.1	416.1	453.3	477.5	488.6	483.1	475.6	469.0	471.2
-45°	274.5	311.7	349.2	390.0	429.8	464.1	481.8	491.5	482.8	474.3	468.2
-47.5°	255.0	289.7	325.1	362.3	402.2	438.4	469.9	483.6	490.1	483.0	474.2
-50°	235.3	267.6	300.6	335.1	370.8	408.7	442.0	468.9	482.6	487.8	485.0
-52.5°	216.7	244.9	276.1	307.5	339.8	373.3	408.1	437.9	462.3	480.9	485.4
-55°	197.8	224.0	251.1	280.1	309.1	338.9	368.9	399.7	428.9	450.8	471.3
-57.5°	178.8	203.2	227.3	252.5	278.9	305.0	331.8	358.2	385.4	411.3	434.0
-60°	159.4	181.9	204.0	226.2	248.9	272.5	295.1	318.7	342.4	365.2	387.2
-62.5°	139.8	160.4	180.6	200.3	220.5	240.2	260.6	280.6	300.0	320.1	339.5
-65°	121.3	139.0	157.2	175.1	192.2	209.5	226.9	244.0	261.4	278.0	293.4
-67.5°	102.6	118.7	134.5	150.1	165.7	180.0	193.6	208.6	223.4	238.0	252.0
-70°	87.0	98.7	112.3	126.1	139.4	152.1	164.5	176.1	187.1	198.7	211.0
-72.5°	71.6	81.8	92.0	102.3	113.8	124.8	135.5	145.8	155.2	164.1	172.9
-75°	57.8	64.8	73.3	81.9	90.3	98.4	106.6	115.5	123.4	130.4	137.1
-77.5°	45.2	50.8	56.6	62.4	68.0	74.5	80.9	87.3	93.1	98.2	102.9
-80°	33.2	36.7	41.0	45.5	49.4	53.3	57.3	61.1	65.0	69.1	73.2
-82.5°	22.6	25.3	27.9	30.4	32.4	34.2	36.0	38.5	41.3	44.1	46.8
-85°	12.7	13.8	15.5	17.2	18.7	20.1	21.3	22.4	23.7	24.9	26.0
-87.5°	6.4	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.2	10.6	10.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-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°	11.3	11.2	11.0	10.7	10.4	10.6	10.8	11.0	11.1	11.8	12.5
85°	27.1	28.3	29.5	30.8	32.1	33.0	33.8	34.5	35.2	35.7	36.2
82.5°	49.3	51.9	54.3	56.5	58.4	60.0	61.4	62.7	63.8	64.8	65.5
80°	77.0	80.4	83.4	86.1	88.5	90.6	92.3	93.7	94.8	97.1	99.4
77.5°	107.8	112.5	117.0	121.0	124.7	128.3	131.7	134.7	137.4	139.5	141.0
75°	143.4	149.4	155.5	161.1	166.3	171.5	176.6	181.3	185.5	188.3	190.4
72.5°	181.7	189.9	197.3	204.4	210.8	217.2	223.5	229.3	234.3	238.2	241.3
70°	222.8	233.4	242.0	250.1	258.0	266.0	273.8	280.7	286.6	291.4	295.3
67.5°	265.3	277.4	288.3	298.8	309.4	319.4	328.9	337.7	345.8	351.9	356.0
65°	308.6	324.3	338.6	351.7	363.4	374.6	386.5	397.4	407.3	415.3	421.6
62.5°	357.8	375.5	391.7	406.3	419.4	429.8	441.1	451.3	460.6	469.1	477.6
60°	408.1	427.8	442.1	454.4	465.7	475.7	479.6	483.4	486.5	489.3	492.6
57.5°	451.9	468.8	481.1	483.9	486.3	488.5	487.1	483.2	479.1	475.0	471.7
55°	482.5	487.2	492.6	488.4	481.7	475.3	469.8	465.9	462.4	459.1	456.3
52.5°	490.6	485.9	480.2	473.9	469.3	464.5	459.6	460.5	462.0	463.1	463.7
50°	478.6	473.1	470.1	466.5	467.2	469.6	471.5	476.0	481.7	485.8	489.2
47.5°	469.4	465.8	470.4	476.3	481.8	491.7	500.5	509.1	522.5	533.1	541.5
45°	466.9	475.6	484.7	499.0	511.6	533.4	553.9	571.1	602.9	632.1	655.1
42.5°	480.1	495.1	511.5	539.4	569.4	608.1	657.6	699.6	748.6	794.4	827.5
40°	501.9	524.0	560.9	605.8	676.1	738.7	820.7	890.9	956.9	1026.8	1079.4
37.5°	533.1	574.4	643.6	724.3	830.9	933.4	1046.6	1156.4	1250.0	1391.7	1502.6
35°	579.7	663.4	761.5	896.2	1035.5	1192.5	1358.0	1571.2	1758.9	1979.2	2186.2
32.5°	664.4	777.7	931.5	1113.7	1298.9	1569.8	1825.5	2171.9	2483.2	2871.7	3289.4
30°	763.6	932.6	1139.3	1377.2	1712.5	2085.3	2505.5	3036.9	3668.2	4420.0	5428.8
27.5°	900.3	1117.3	1377.3	1763.0	2238.6	2738.1	3483.3	4376.4	6004.1	7422.5	9302.4
25°	1047.5	1312.5	1723.8	2242.0	2867.9	3767.4	5224.2	7082.6	9715.1	12232.2	14244.4
22.5°	1217.2	1604.5	2123.5	2768.5	3781.4	5522.9	7784.8	11057.8	13993.1	16531.9	18487.1
20°	1405.1	1890.8	2588.4	3574.0	5299.0	7849.6	11480.6	14839.6	17837.7	20023.2	21750.7
17.5°	1648.4	2282.9	3168.0	4528.0	7175.7	11105.9	14849.2	18169.3	20778.0	22698.1	24229.5
15°	1875.5	2643.8	3790.9	6111.5	9725.1	13925.7	17762.6	20724.4	22981.8	24768.6	26145.5
12.5°	2143.7	3049.3	4519.1	7479.4	12069.4	16252.1	19831.3	22596.9	24770.8	26445.6	28291.0
10°	2382.5	3485.5	5562.3	9302.2	13994.6	18080.5	21556.2	24041.6	26221.4	28404.0	31171.1
7.5°	2579.7	3851.6	6417.9	10840.3	15472.6	19432.9	22599.3	25082.6	27485.2	30400.1	34391.3
5°	2736.3	4127.7	7121.8	12001.4	16547.1	20398.1	23396.0	25913.2	28626.8	32526.4	37882.4
2.5°	2841.0	4308.6	7561.8	12702.9	17225.0	20951.7	23986.6	26456.4	29301.5	33716.7	39312.4
0°	2882.7	4392.1	7450.2	12830.1	17266.0	21131.9	24074.6	26659.5	29493.7	33915.8	39575.0
-2.5°	2841.0	4308.6	7561.8	12702.9	17225.0	20951.7	23986.6	26456.4	29301.5	33716.7	39312.4
-5°	2736.3	4127.7	7121.8	12001.4	16547.1	20398.1	23396.0	25913.2	28626.8	32526.4	37882.4
-7.5°	2579.7	3851.6	6417.9	10840.3	15472.6	19432.9	22599.3	25082.6	27485.2	30400.1	34391.3
-10°	2382.5	3485.5	5562.3	9302.2	13994.6	18080.5	21556.2	24041.6	26221.4	28404.0	31171.1
-12.5°	2143.7	3049.3	4519.1	7479.4	12069.4	16252.1	19831.3	22596.9	24770.8	26445.6	28291.0
-15°	1875.5	2643.8	3790.9	6111.5	9725.1	13925.7	17762.6	20724.4	22981.8	24768.6	26145.5
-17.5°	1648.4	2282.9	3168.0	4528.0	7175.7	11105.9	14849.2	18169.3	20778.0	22698.1	24229.5
-20°	1405.1	1890.8	2588.4	3574.0	5299.0	7849.6	11480.6	14839.6	17837.7	20023.2	21750.7



REPORT NUMBER: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1217.2	1604.5	2123.5	2768.5	3781.4	5522.9	7784.8	11057.8	13993.1	16531.9	18487.1
-25°	1047.5	1312.5	1723.8	2242.0	2867.9	3767.4	5224.2	7082.6	9715.1	12232.2	14244.4
-27.5°	900.3	1117.3	1377.3	1763.0	2238.6	2738.1	3483.3	4376.4	6004.1	7422.5	9302.4
-30°	763.6	932.6	1139.3	1377.2	1712.5	2085.3	2505.5	3036.9	3668.2	4420.0	5428.8
-32.5°	664.4	777.7	931.5	1113.7	1298.9	1569.8	1825.5	2171.9	2483.2	2871.7	3289.4
-35°	579.7	663.4	761.5	896.2	1035.5	1192.5	1358.0	1571.2	1758.9	1979.2	2186.2
-37.5°	533.1	574.4	643.6	724.3	830.9	933.4	1046.6	1156.4	1250.0	1391.7	1502.6
-40°	501.9	524.0	560.9	605.8	676.1	738.7	820.7	890.9	956.9	1026.8	1079.4
-42.5°	480.1	495.1	511.5	539.4	569.4	608.1	657.6	699.6	748.6	794.4	827.5
-45°	466.9	475.6	484.7	499.0	511.6	533.4	553.9	571.1	602.9	632.1	655.1
-47.5°	469.4	465.8	470.4	476.3	481.8	491.7	500.5	509.1	522.5	533.1	541.5
-50°	478.6	473.1	470.1	466.5	467.2	469.6	471.5	476.0	481.7	485.8	489.2
-52.5°	490.6	485.9	480.2	473.9	469.3	464.5	459.6	460.5	462.0	463.1	463.7
-55°	482.5	487.2	492.6	488.4	481.7	475.3	469.8	465.9	462.4	459.1	456.3
-57.5°	451.9	468.8	481.1	483.9	486.3	488.5	487.1	483.2	479.1	475.0	471.7
-60°	408.1	427.8	442.1	454.4	465.7	475.7	479.6	483.4	486.5	489.3	492.6
-62.5°	357.8	375.5	391.7	406.3	419.4	429.8	441.1	451.3	460.6	469.1	477.6
-65°	308.6	324.3	338.6	351.7	363.4	374.6	386.5	397.4	407.3	415.3	421.6
-67.5°	265.3	277.4	288.3	298.8	309.4	319.4	328.9	337.7	345.8	351.9	356.0
-70°	222.8	233.4	242.0	250.1	258.0	266.0	273.8	280.7	286.6	291.4	295.3
-72.5°	181.7	189.9	197.3	204.4	210.8	217.2	223.5	229.3	234.3	238.2	241.3
-75°	143.4	149.4	155.5	161.1	166.3	171.5	176.6	181.3	185.5	188.3	190.4
-77.5°	107.8	112.5	117.0	121.0	124.7	128.3	131.7	134.7	137.4	139.5	141.0
-80°	77.0	80.4	83.4	86.1	88.5	90.6	92.3	93.7	94.8	97.1	99.4
-82.5°	49.3	51.9	54.3	56.5	58.4	60.0	61.4	62.7	63.8	64.8	65.5
-85°	27.1	28.3	29.5	30.8	32.1	33.0	33.8	34.5	35.2	35.7	36.2
-87.5°	11.3	11.2	11.0	10.7	10.4	10.6	10.8	11.0	11.1	11.8	12.5
-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: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-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°	13.1	13.7	13.8	13.8	13.8	13.7	13.1	12.5	11.8	11.1	11.0
85°	36.5	36.7	38.0	39.2	38.0	36.7	36.5	36.2	35.7	35.2	34.5
82.5°	66.1	66.6	66.8	66.9	66.8	66.6	66.1	65.5	64.8	63.8	62.7
80°	101.4	103.3	102.6	101.6	102.6	103.3	101.4	99.4	97.1	94.8	93.7
77.5°	141.9	142.4	141.8	140.8	141.8	142.4	141.9	141.0	139.5	137.4	134.7
75°	191.9	192.8	193.6	193.9	193.6	192.8	191.9	190.4	188.3	185.5	181.3
72.5°	243.8	245.5	245.5	244.6	245.5	245.5	243.8	241.3	238.2	234.3	229.3
70°	298.4	300.5	301.9	302.3	301.9	300.5	298.4	295.3	291.4	286.6	280.7
67.5°	358.8	360.4	361.9	362.4	361.9	360.4	358.8	356.0	351.9	345.8	337.7
65°	426.8	430.9	432.2	431.6	432.2	430.9	426.8	421.6	415.3	407.3	397.4
62.5°	485.5	492.5	495.5	496.2	495.5	492.5	485.5	477.6	469.1	460.6	451.3
60°	495.4	497.8	498.5	498.5	498.5	497.8	495.4	492.6	489.3	486.5	483.4
57.5°	468.7	466.0	464.4	463.9	464.4	466.0	468.7	471.7	475.0	479.1	483.2
55°	453.8	451.4	450.3	450.1	450.3	451.4	453.8	456.3	459.1	462.4	465.9
52.5°	463.9	463.6	464.5	466.2	464.5	463.6	463.9	463.7	463.1	462.0	460.5
50°	492.2	494.2	496.4	498.5	496.4	494.2	492.2	489.2	485.8	481.7	476.0
47.5°	547.7	550.8	552.8	553.9	552.8	550.8	547.7	541.5	533.1	522.5	509.1
45°	670.0	678.1	682.0	683.2	682.0	678.1	670.0	655.1	632.1	602.9	571.1
42.5°	849.5	861.6	866.8	867.8	866.8	861.6	849.5	827.5	794.4	748.6	699.6
40°	1117.1	1138.6	1148.9	1156.3	1148.9	1138.6	1117.1	1079.4	1026.8	956.9	890.9
37.5°	1585.6	1639.4	1670.0	1696.4	1670.0	1639.4	1585.6	1502.6	1391.7	1250.0	1156.4
35°	2354.6	2478.0	2550.7	2566.5	2550.7	2478.0	2354.6	2186.2	1979.2	1758.9	1571.2
32.5°	3611.0	3853.1	3997.8	4015.9	3997.8	3853.1	3611.0	3289.4	2871.7	2483.2	2171.9
30°	6211.9	6890.1	7354.9	7290.9	7354.9	6890.1	6211.9	5428.8	4420.0	3668.2	3036.9
27.5°	10842.4	12072.3	12871.2	12804.7	12871.2	12072.3	10842.4	9302.4	7422.5	6004.1	4376.4
25°	15791.5	16923.5	17591.7	17838.4	17591.7	16923.5	15791.5	14244.4	12232.2	9715.1	7082.6
22.5°	19832.9	20844.9	21423.0	21768.9	21423.0	20844.9	19832.9	18487.1	16531.9	13993.1	11057.8
20°	22929.4	23807.1	24304.2	24517.7	24304.2	23807.1	22929.4	21750.7	20023.2	17837.7	14839.6
17.5°	25311.6	26046.3	26609.2	26754.1	26609.2	26046.3	25311.6	24229.5	22698.1	20778.0	18169.3
15°	27418.8	28367.8	29031.6	29279.1	29031.6	28367.8	27418.8	26145.5	24768.6	22981.8	20724.4
12.5°	30075.8	31726.1	32603.4	32805.7	32603.4	31726.1	30075.8	28291.0	26445.6	24770.8	22596.9
10°	34003.2	36539.8	36827.3	36433.8	36827.3	36539.8	34003.2	31171.1	28404.0	26221.4	24041.6
7.5°	39723.0	43105.4	42374.0	41156.0	42374.0	43105.4	39723.0	34391.3	30400.1	27485.2	25082.6
5°	43816.2	48512.3	48658.0	47763.7	48658.0	48512.3	43816.2	37882.4	32526.4	28626.8	25913.2
2.5°	45445.8	50279.9	52685.8	53080.2	52685.8	50279.9	45445.8	39312.4	33716.7	29301.5	26456.4
0°	45567.7	50849.5	53702.1	54410.7	53702.1	50849.5	45567.7	39575.0	33915.8	29493.7	26659.5
-2.5°	45445.8	50279.9	52685.8	53080.2	52685.8	50279.9	45445.8	39312.4	33716.7	29301.5	26456.4
-5°	43816.2	48512.3	48658.0	47763.7	48658.0	48512.3	43816.2	37882.4	32526.4	28626.8	25913.2
-7.5°	39723.0	43105.4	42374.0	41156.0	42374.0	43105.4	39723.0	34391.3	30400.1	27485.2	25082.6
-10°	34003.2	36539.8	36827.3	36433.8	36827.3	36539.8	34003.2	31171.1	28404.0	26221.4	24041.6
-12.5°	30075.8	31726.1	32603.4	32805.7	32603.4	31726.1	30075.8	28291.0	26445.6	24770.8	22596.9
-15°	27418.8	28367.8	29031.6	29279.1	29031.6	28367.8	27418.8	26145.5	24768.6	22981.8	20724.4
-17.5°	25311.6	26046.3	26609.2	26754.1	26609.2	26046.3	25311.6	24229.5	22698.1	20778.0	18169.3
-20°	22929.4	23807.1	24304.2	24517.7	24304.2	23807.1	22929.4	21750.7	20023.2	17837.7	14839.6



REPORT NUMBER: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19832.9	20844.9	21423.0	21768.9	21423.0	20844.9	19832.9	18487.1	16531.9	13993.1	11057.8
-25°	15791.5	16923.5	17591.7	17838.4	17591.7	16923.5	15791.5	14244.4	12232.2	9715.1	7082.6
-27.5°	10842.4	12072.3	12871.2	12804.7	12871.2	12072.3	10842.4	9302.4	7422.5	6004.1	4376.4
-30°	6211.9	6890.1	7354.9	7290.9	7354.9	6890.1	6211.9	5428.8	4420.0	3668.2	3036.9
-32.5°	3611.0	3853.1	3997.8	4015.9	3997.8	3853.1	3611.0	3289.4	2871.7	2483.2	2171.9
-35°	2354.6	2478.0	2550.7	2566.5	2550.7	2478.0	2354.6	2186.2	1979.2	1758.9	1571.2
-37.5°	1585.6	1639.4	1670.0	1696.4	1670.0	1639.4	1585.6	1502.6	1391.7	1250.0	1156.4
-40°	1117.1	1138.6	1148.9	1156.3	1148.9	1138.6	1117.1	1079.4	1026.8	956.9	890.9
-42.5°	849.5	861.6	866.8	867.8	866.8	861.6	849.5	827.5	794.4	748.6	699.6
-45°	670.0	678.1	682.0	683.2	682.0	678.1	670.0	655.1	632.1	602.9	571.1
-47.5°	547.7	550.8	552.8	553.9	552.8	550.8	547.7	541.5	533.1	522.5	509.1
-50°	492.2	494.2	496.4	498.5	496.4	494.2	492.2	489.2	485.8	481.7	476.0
-52.5°	463.9	463.6	464.5	466.2	464.5	463.6	463.9	463.7	463.1	462.0	460.5
-55°	453.8	451.4	450.3	450.1	450.3	451.4	453.8	456.3	459.1	462.4	465.9
-57.5°	468.7	466.0	464.4	463.9	464.4	466.0	468.7	471.7	475.0	479.1	483.2
-60°	495.4	497.8	498.5	498.5	498.5	497.8	495.4	492.6	489.3	486.5	483.4
-62.5°	485.5	492.5	495.5	496.2	495.5	492.5	485.5	477.6	469.1	460.6	451.3
-65°	426.8	430.9	432.2	431.6	432.2	430.9	426.8	421.6	415.3	407.3	397.4
-67.5°	358.8	360.4	361.9	362.4	361.9	360.4	358.8	356.0	351.9	345.8	337.7
-70°	298.4	300.5	301.9	302.3	301.9	300.5	298.4	295.3	291.4	286.6	280.7
-72.5°	243.8	245.5	245.5	244.6	245.5	245.5	243.8	241.3	238.2	234.3	229.3
-75°	191.9	192.8	193.6	193.9	193.6	192.8	191.9	190.4	188.3	185.5	181.3
-77.5°	141.9	142.4	141.8	140.8	141.8	142.4	141.9	141.0	139.5	137.4	134.7
-80°	101.4	103.3	102.6	101.6	102.6	103.3	101.4	99.4	97.1	94.8	93.7
-82.5°	66.1	66.6	66.8	66.9	66.8	66.6	66.1	65.5	64.8	63.8	62.7
-85°	36.5	36.7	38.0	39.2	38.0	36.7	36.5	36.2	35.7	35.2	34.5
-87.5°	13.1	13.7	13.8	13.8	13.8	13.7	13.1	12.5	11.8	11.1	11.0
-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: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-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°	10.8	10.6	10.4	10.7	11.0	11.2	11.3	10.9	10.6	10.2	9.8
85°	33.8	33.0	32.1	30.8	29.5	28.3	27.1	26.0	24.9	23.7	22.4
82.5°	61.4	60.0	58.4	56.5	54.3	51.9	49.3	46.8	44.1	41.3	38.5
80°	92.3	90.6	88.5	86.1	83.4	80.4	77.0	73.2	69.1	65.0	61.1
77.5°	131.7	128.3	124.7	121.0	117.0	112.5	107.8	102.9	98.2	93.1	87.3
75°	176.6	171.5	166.3	161.1	155.5	149.4	143.4	137.1	130.4	123.4	115.5
72.5°	223.5	217.2	210.8	204.4	197.3	189.9	181.7	172.9	164.1	155.2	145.8
70°	273.8	266.0	258.0	250.1	242.0	233.4	222.8	211.0	198.7	187.1	176.1
67.5°	328.9	319.4	309.4	298.8	288.3	277.4	265.3	252.0	238.0	223.4	208.6
65°	386.5	374.6	363.4	351.7	338.6	324.3	308.6	293.4	278.0	261.4	244.0
62.5°	441.1	429.8	419.4	406.3	391.7	375.5	357.8	339.5	320.1	300.0	280.6
60°	479.6	475.7	465.7	454.4	442.1	427.8	408.1	387.2	365.2	342.4	318.7
57.5°	487.1	488.5	486.3	483.9	481.1	468.8	451.9	434.0	411.3	385.4	358.2
55°	469.8	475.3	481.7	488.4	492.6	487.2	482.5	471.3	450.8	428.9	399.7
52.5°	459.6	464.5	469.3	473.9	480.2	485.9	490.6	485.4	480.9	462.3	437.9
50°	471.5	469.6	467.2	466.5	470.1	473.1	478.6	485.0	487.8	482.6	468.9
47.5°	500.5	491.7	481.8	476.3	470.4	465.8	469.4	474.2	483.0	490.1	483.6
45°	553.9	533.4	511.6	499.0	484.7	475.6	466.9	468.2	474.3	482.8	491.5
42.5°	657.6	608.1	569.4	539.4	511.5	495.1	480.1	471.2	469.0	475.6	483.1
40°	820.7	738.7	676.1	605.8	560.9	524.0	501.9	483.1	473.6	470.8	475.2
37.5°	1046.6	933.4	830.9	724.3	643.6	574.4	533.1	504.8	484.0	473.0	469.8
35°	1358.0	1192.5	1035.5	896.2	761.5	663.4	579.7	534.1	503.2	481.1	468.7
32.5°	1825.5	1569.8	1298.9	1113.7	931.5	777.7	664.4	576.4	524.6	495.3	475.8
30°	2505.5	2085.3	1712.5	1377.2	1139.3	932.6	763.6	643.3	559.2	510.7	484.2
27.5°	3483.3	2738.1	2238.6	1763.0	1377.3	1117.3	900.3	720.6	600.5	535.8	497.3
25°	5224.2	3767.4	2867.9	2242.0	1723.8	1312.5	1047.5	831.3	666.9	562.1	509.1
22.5°	7784.8	5522.9	3781.4	2768.5	2123.5	1604.5	1217.2	946.8	729.5	600.9	530.0
20°	11480.6	7849.6	5299.0	3574.0	2588.4	1890.8	1405.1	1076.9	827.4	653.3	550.6
17.5°	14849.2	11105.9	7175.7	4528.0	3168.0	2282.9	1648.4	1201.9	911.5	699.7	568.9
15°	17762.6	13925.7	9725.1	6111.5	3790.9	2643.8	1875.5	1314.1	990.8	755.5	603.5
12.5°	19831.3	16252.1	12069.4	7479.4	4519.1	3049.3	2143.7	1494.1	1076.8	810.5	634.9
10°	21556.2	18080.5	13994.6	9302.2	5562.3	3485.5	2382.5	1645.1	1149.7	852.8	659.7
7.5°	22599.3	19432.9	15472.6	10840.3	6417.9	3851.6	2579.7	1758.1	1208.3	883.0	678.0
5°	23396.0	20398.1	16547.1	12001.4	7121.8	4127.7	2736.3	1833.8	1250.9	901.4	689.8
2.5°	23986.6	20951.7	17225.0	12702.9	7561.8	4308.6	2841.0	1887.5	1272.0	917.8	699.8
0°	24074.6	21131.9	17266.0	12830.1	7450.2	4392.1	2882.7	1920.2	1271.7	925.5	703.9
-2.5°	23986.6	20951.7	17225.0	12702.9	7561.8	4308.6	2841.0	1887.5	1272.0	917.8	699.8
-5°	23396.0	20398.1	16547.1	12001.4	7121.8	4127.7	2736.3	1833.8	1250.9	901.4	689.8
-7.5°	22599.3	19432.9	15472.6	10840.3	6417.9	3851.6	2579.7	1758.1	1208.3	883.0	678.0
-10°	21556.2	18080.5	13994.6	9302.2	5562.3	3485.5	2382.5	1645.1	1149.7	852.8	659.7
-12.5°	19831.3	16252.1	12069.4	7479.4	4519.1	3049.3	2143.7	1494.1	1076.8	810.5	634.9
-15°	17762.6	13925.7	9725.1	6111.5	3790.9	2643.8	1875.5	1314.1	990.8	755.5	603.5
-17.5°	14849.2	11105.9	7175.7	4528.0	3168.0	2282.9	1648.4	1201.9	911.5	699.7	568.9
-20°	11480.6	7849.6	5299.0	3574.0	2588.4	1890.8	1405.1	1076.9	827.4	653.3	550.6



REPORT NUMBER: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7784.8	5522.9	3781.4	2768.5	2123.5	1604.5	1217.2	946.8	729.5	600.9	530.0
-25°	5224.2	3767.4	2867.9	2242.0	1723.8	1312.5	1047.5	831.3	666.9	562.1	509.1
-27.5°	3483.3	2738.1	2238.6	1763.0	1377.3	1117.3	900.3	720.6	600.5	535.8	497.3
-30°	2505.5	2085.3	1712.5	1377.2	1139.3	932.6	763.6	643.3	559.2	510.7	484.2
-32.5°	1825.5	1569.8	1298.9	1113.7	931.5	777.7	664.4	576.4	524.6	495.3	475.8
-35°	1358.0	1192.5	1035.5	896.2	761.5	663.4	579.7	534.1	503.2	481.1	468.7
-37.5°	1046.6	933.4	830.9	724.3	643.6	574.4	533.1	504.8	484.0	473.0	469.8
-40°	820.7	738.7	676.1	605.8	560.9	524.0	501.9	483.1	473.6	470.8	475.2
-42.5°	657.6	608.1	569.4	539.4	511.5	495.1	480.1	471.2	469.0	475.6	483.1
-45°	553.9	533.4	511.6	499.0	484.7	475.6	466.9	468.2	474.3	482.8	491.5
-47.5°	500.5	491.7	481.8	476.3	470.4	465.8	469.4	474.2	483.0	490.1	483.6
-50°	471.5	469.6	467.2	466.5	470.1	473.1	478.6	485.0	487.8	482.6	468.9
-52.5°	459.6	464.5	469.3	473.9	480.2	485.9	490.6	485.4	480.9	462.3	437.9
-55°	469.8	475.3	481.7	488.4	492.6	487.2	482.5	471.3	450.8	428.9	399.7
-57.5°	487.1	488.5	486.3	483.9	481.1	468.8	451.9	434.0	411.3	385.4	358.2
-60°	479.6	475.7	465.7	454.4	442.1	427.8	408.1	387.2	365.2	342.4	318.7
-62.5°	441.1	429.8	419.4	406.3	391.7	375.5	357.8	339.5	320.1	300.0	280.6
-65°	386.5	374.6	363.4	351.7	338.6	324.3	308.6	293.4	278.0	261.4	244.0
-67.5°	328.9	319.4	309.4	298.8	288.3	277.4	265.3	252.0	238.0	223.4	208.6
-70°	273.8	266.0	258.0	250.1	242.0	233.4	222.8	211.0	198.7	187.1	176.1
-72.5°	223.5	217.2	210.8	204.4	197.3	189.9	181.7	172.9	164.1	155.2	145.8
-75°	176.6	171.5	166.3	161.1	155.5	149.4	143.4	137.1	130.4	123.4	115.5
-77.5°	131.7	128.3	124.7	121.0	117.0	112.5	107.8	102.9	98.2	93.1	87.3
-80°	92.3	90.6	88.5	86.1	83.4	80.4	77.0	73.2	69.1	65.0	61.1
-82.5°	61.4	60.0	58.4	56.5	54.3	51.9	49.3	46.8	44.1	41.3	38.5
-85°	33.8	33.0	32.1	30.8	29.5	28.3	27.1	26.0	24.9	23.7	22.4
-87.5°	10.8	10.6	10.4	10.7	11.0	11.2	11.3	10.9	10.6	10.2	9.8
-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: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-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°	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.8	5.3	4.7	4.1
85°	21.3	20.1	18.7	17.2	15.5	13.8	12.7	11.7	10.6	9.4	8.3
82.5°	36.0	34.2	32.4	30.4	27.9	25.3	22.6	19.9	17.2	14.4	12.4
80°	57.3	53.3	49.4	45.5	41.0	36.7	33.2	29.6	26.2	22.6	18.7
77.5°	80.9	74.5	68.0	62.4	56.6	50.8	45.2	39.8	35.2	30.8	26.1
75°	106.6	98.4	90.3	81.9	73.3	64.8	57.8	51.2	45.0	39.0	33.4
72.5°	135.5	124.8	113.8	102.3	92.0	81.8	71.6	62.4	55.0	47.8	40.7
70°	164.5	152.1	139.4	126.1	112.3	98.7	87.0	75.8	64.9	56.4	48.2
67.5°	193.6	180.0	165.7	150.1	134.5	118.7	102.6	89.6	77.3	64.9	55.4
65°	226.9	209.5	192.2	175.1	157.2	139.0	121.3	104.3	89.6	75.8	62.6
62.5°	260.6	240.2	220.5	200.3	180.6	160.4	139.8	121.2	102.3	86.6	71.3
60°	295.1	272.5	248.9	226.2	204.0	181.9	159.4	137.8	117.3	97.1	80.5
57.5°	331.8	305.0	278.9	252.5	227.3	203.2	178.8	154.8	132.0	109.5	89.5
55°	368.9	338.9	309.1	280.1	251.1	224.0	197.8	171.6	146.4	122.3	98.4
52.5°	408.1	373.3	339.8	307.5	276.1	244.9	216.7	187.7	160.7	134.6	109.0
50°	442.0	408.7	370.8	335.1	300.6	267.6	235.3	204.6	174.4	146.6	119.3
47.5°	469.9	438.4	402.2	362.3	325.1	289.7	255.0	221.3	187.5	158.2	129.3
45°	481.8	464.1	429.8	390.0	349.2	311.7	274.5	237.7	202.2	169.2	138.7
42.5°	488.6	477.5	453.3	416.1	374.1	333.1	293.3	254.5	216.5	179.9	147.9
40°	482.0	483.9	471.6	438.1	398.5	353.6	311.9	270.8	230.4	190.9	156.9
37.5°	474.2	482.5	477.5	459.4	421.1	375.2	329.8	286.3	243.7	202.5	165.5
35°	469.4	475.3	483.9	471.7	439.7	396.0	346.7	301.3	256.7	213.5	173.6
32.5°	465.2	469.7	479.1	477.2	457.0	415.7	363.9	315.5	268.9	223.8	181.3
30°	468.9	466.4	473.7	482.1	469.8	430.9	380.6	328.9	280.3	233.3	188.9
27.5°	474.4	462.9	468.9	479.8	474.0	444.7	395.9	341.3	291.0	242.3	196.6
25°	480.7	465.1	465.8	475.4	477.6	457.1	409.8	352.7	301.0	250.9	203.7
22.5°	490.6	468.9	462.7	471.3	481.1	468.6	421.3	364.2	310.3	258.8	210.1
20°	499.4	471.9	459.6	467.4	480.4	471.4	430.6	374.5	318.6	265.8	215.8
17.5°	508.7	476.7	461.5	464.8	477.2	474.0	439.1	383.5	326.0	272.1	220.8
15°	523.7	483.2	463.7	462.6	474.1	476.2	446.6	391.2	332.4	277.5	225.2
12.5°	536.5	488.6	465.4	460.8	471.1	478.1	453.1	397.7	337.9	282.0	229.0
10°	546.8	492.9	466.5	459.2	468.5	479.6	458.5	403.5	342.8	285.5	232.1
7.5°	554.8	496.1	467.1	458.0	466.2	480.9	463.5	409.4	346.9	288.2	234.6
5°	560.6	499.6	468.7	457.4	464.9	481.7	467.2	414.2	350.0	289.9	236.3
2.5°	565.5	504.2	471.1	457.1	464.2	482.2	469.6	417.8	352.1	290.8	237.4
0°	567.8	507.8	473.1	457.0	463.9	482.4	470.8	420.1	353.1	290.8	237.7
-2.5°	565.5	504.2	471.1	457.1	464.2	482.2	469.6	417.8	352.1	290.8	237.4
-5°	560.6	499.6	468.7	457.4	464.9	481.7	467.2	414.2	350.0	289.9	236.3
-7.5°	554.8	496.1	467.1	458.0	466.2	480.9	463.5	409.4	346.9	288.2	234.6
-10°	546.8	492.9	466.5	459.2	468.5	479.6	458.5	403.5	342.8	285.5	232.1
-12.5°	536.5	488.6	465.4	460.8	471.1	478.1	453.1	397.7	337.9	282.0	229.0
-15°	523.7	483.2	463.7	462.6	474.1	476.2	446.6	391.2	332.4	277.5	225.2
-17.5°	508.7	476.7	461.5	464.8	477.2	474.0	439.1	383.5	326.0	272.1	220.8
-20°	499.4	471.9	459.6	467.4	480.4	471.4	430.6	374.5	318.6	265.8	215.8



REPORT NUMBER: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	490.6	468.9	462.7	471.3	481.1	468.6	421.3	364.2	310.3	258.8	210.1
-25°	480.7	465.1	465.8	475.4	477.6	457.1	409.8	352.7	301.0	250.9	203.7
-27.5°	474.4	462.9	468.9	479.8	474.0	444.7	395.9	341.3	291.0	242.3	196.6
-30°	468.9	466.4	473.7	482.1	469.8	430.9	380.6	328.9	280.3	233.3	188.9
-32.5°	465.2	469.7	479.1	477.2	457.0	415.7	363.9	315.5	268.9	223.8	181.3
-35°	469.4	475.3	483.9	471.7	439.7	396.0	346.7	301.3	256.7	213.5	173.6
-37.5°	474.2	482.5	477.5	459.4	421.1	375.2	329.8	286.3	243.7	202.5	165.5
-40°	482.0	483.9	471.6	438.1	398.5	353.6	311.9	270.8	230.4	190.9	156.9
-42.5°	488.6	477.5	453.3	416.1	374.1	333.1	293.3	254.5	216.5	179.9	147.9
-45°	481.8	464.1	429.8	390.0	349.2	311.7	274.5	237.7	202.2	169.2	138.7
-47.5°	469.9	438.4	402.2	362.3	325.1	289.7	255.0	221.3	187.5	158.2	129.3
-50°	442.0	408.7	370.8	335.1	300.6	267.6	235.3	204.6	174.4	146.6	119.3
-52.5°	408.1	373.3	339.8	307.5	276.1	244.9	216.7	187.7	160.7	134.6	109.0
-55°	368.9	338.9	309.1	280.1	251.1	224.0	197.8	171.6	146.4	122.3	98.4
-57.5°	331.8	305.0	278.9	252.5	227.3	203.2	178.8	154.8	132.0	109.5	89.5
-60°	295.1	272.5	248.9	226.2	204.0	181.9	159.4	137.8	117.3	97.1	80.5
-62.5°	260.6	240.2	220.5	200.3	180.6	160.4	139.8	121.2	102.3	86.6	71.3
-65°	226.9	209.5	192.2	175.1	157.2	139.0	121.3	104.3	89.6	75.8	62.6
-67.5°	193.6	180.0	165.7	150.1	134.5	118.7	102.6	89.6	77.3	64.9	55.4
-70°	164.5	152.1	139.4	126.1	112.3	98.7	87.0	75.8	64.9	56.4	48.2
-72.5°	135.5	124.8	113.8	102.3	92.0	81.8	71.6	62.4	55.0	47.8	40.7
-75°	106.6	98.4	90.3	81.9	73.3	64.8	57.8	51.2	45.0	39.0	33.4
-77.5°	80.9	74.5	68.0	62.4	56.6	50.8	45.2	39.8	35.2	30.8	26.1
-80°	57.3	53.3	49.4	45.5	41.0	36.7	33.2	29.6	26.2	22.6	18.7
-82.5°	36.0	34.2	32.4	30.4	27.9	25.3	22.6	19.9	17.2	14.4	12.4
-85°	21.3	20.1	18.7	17.2	15.5	13.8	12.7	11.7	10.6	9.4	8.3
-87.5°	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.8	5.3	4.7	4.1
-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: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-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°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
85°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
82.5°	10.7	8.9	7.2	5.4	3.6	1.8	0.0
80°	14.6	11.9	9.5	7.2	4.8	2.4	0.0
77.5°	21.0	15.6	11.9	8.9	6.0	3.0	0.0
75°	27.4	20.8	14.5	10.7	7.1	3.6	0.0
72.5°	33.6	26.0	18.6	12.4	8.3	4.1	0.0
70°	39.8	31.0	22.5	14.4	9.4	4.7	0.0
67.5°	46.0	36.0	26.4	17.2	10.6	5.3	0.0
65°	52.2	41.1	30.2	20.0	11.7	5.8	0.0
62.5°	58.3	46.3	33.9	22.8	12.7	6.4	0.0
60°	64.4	51.5	37.6	25.4	13.8	6.9	0.0
57.5°	72.0	56.6	41.7	28.0	15.5	7.4	0.0
55°	79.6	61.6	45.8	30.6	17.2	7.9	0.0
52.5°	87.0	66.7	49.8	33.0	18.9	8.4	0.0
50°	94.2	72.7	53.7	35.3	20.5	8.9	0.0
47.5°	101.3	78.5	57.5	37.7	22.1	9.3	0.0
45°	109.4	84.1	61.2	40.5	23.6	9.8	0.0
42.5°	117.0	89.4	64.8	43.2	25.1	10.2	0.0
40°	124.3	94.5	68.6	45.8	26.5	10.6	0.0
37.5°	131.1	99.4	72.4	48.3	27.9	10.9	0.0
35°	137.4	104.5	76.1	50.6	29.2	11.3	0.0
32.5°	143.5	109.5	79.6	52.7	30.4	11.6	0.0
30°	149.6	114.1	82.8	54.7	31.5	12.0	0.0
27.5°	155.4	118.3	85.6	56.5	32.6	12.2	0.0
25°	160.7	122.2	88.1	58.1	33.6	12.5	0.0
22.5°	165.5	125.6	90.4	59.5	34.6	12.7	0.0
20°	169.9	128.5	92.4	60.7	35.4	13.0	0.0
17.5°	173.8	131.0	94.2	61.8	36.2	13.2	0.0
15°	177.2	133.2	95.7	62.7	36.9	13.3	0.0
12.5°	180.1	135.0	96.9	63.4	37.5	13.5	0.0
10°	182.5	136.5	97.9	64.0	38.0	13.6	0.0
7.5°	184.4	137.6	98.6	64.4	38.5	13.7	0.0
5°	185.8	138.2	99.1	64.6	38.8	13.7	0.0
2.5°	186.6	138.6	99.3	64.7	39.1	13.8	0.0
0°	186.9	138.5	99.2	64.6	39.2	13.8	0.0
-2.5°	186.6	138.6	99.3	64.7	39.1	13.8	0.0
-5°	185.8	138.2	99.1	64.6	38.8	13.7	0.0
-7.5°	184.4	137.6	98.6	64.4	38.5	13.7	0.0
-10°	182.5	136.5	97.9	64.0	38.0	13.6	0.0
-12.5°	180.1	135.0	96.9	63.4	37.5	13.5	0.0
-15°	177.2	133.2	95.7	62.7	36.9	13.3	0.0
-17.5°	173.8	131.0	94.2	61.8	36.2	13.2	0.0
-20°	169.9	128.5	92.4	60.7	35.4	13.0	0.0



REPORT NUMBER: P559076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	165.5	125.6	90.4	59.5	34.6	12.7	0.0
-25°	160.7	122.2	88.1	58.1	33.6	12.5	0.0
-27.5°	155.4	118.3	85.6	56.5	32.6	12.2	0.0
-30°	149.6	114.1	82.8	54.7	31.5	12.0	0.0
-32.5°	143.5	109.5	79.6	52.7	30.4	11.6	0.0
-35°	137.4	104.5	76.1	50.6	29.2	11.3	0.0
-37.5°	131.1	99.4	72.4	48.3	27.9	10.9	0.0
-40°	124.3	94.5	68.6	45.8	26.5	10.6	0.0
-42.5°	117.0	89.4	64.8	43.2	25.1	10.2	0.0
-45°	109.4	84.1	61.2	40.5	23.6	9.8	0.0
-47.5°	101.3	78.5	57.5	37.7	22.1	9.3	0.0
-50°	94.2	72.7	53.7	35.3	20.5	8.9	0.0
-52.5°	87.0	66.7	49.8	33.0	18.9	8.4	0.0
-55°	79.6	61.6	45.8	30.6	17.2	7.9	0.0
-57.5°	72.0	56.6	41.7	28.0	15.5	7.4	0.0
-60°	64.4	51.5	37.6	25.4	13.8	6.9	0.0
-62.5°	58.3	46.3	33.9	22.8	12.7	6.4	0.0
-65°	52.2	41.1	30.2	20.0	11.7	5.8	0.0
-67.5°	46.0	36.0	26.4	17.2	10.6	5.3	0.0
-70°	39.8	31.0	22.5	14.4	9.4	4.7	0.0
-72.5°	33.6	26.0	18.6	12.4	8.3	4.1	0.0
-75°	27.4	20.8	14.5	10.7	7.1	3.6	0.0
-77.5°	21.0	15.6	11.9	8.9	6.0	3.0	0.0
-80°	14.6	11.9	9.5	7.2	4.8	2.4	0.0
-82.5°	10.7	8.9	7.2	5.4	3.6	1.8	0.0
-85°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
-87.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)