

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: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-935-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559020 (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-SA5B-935-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

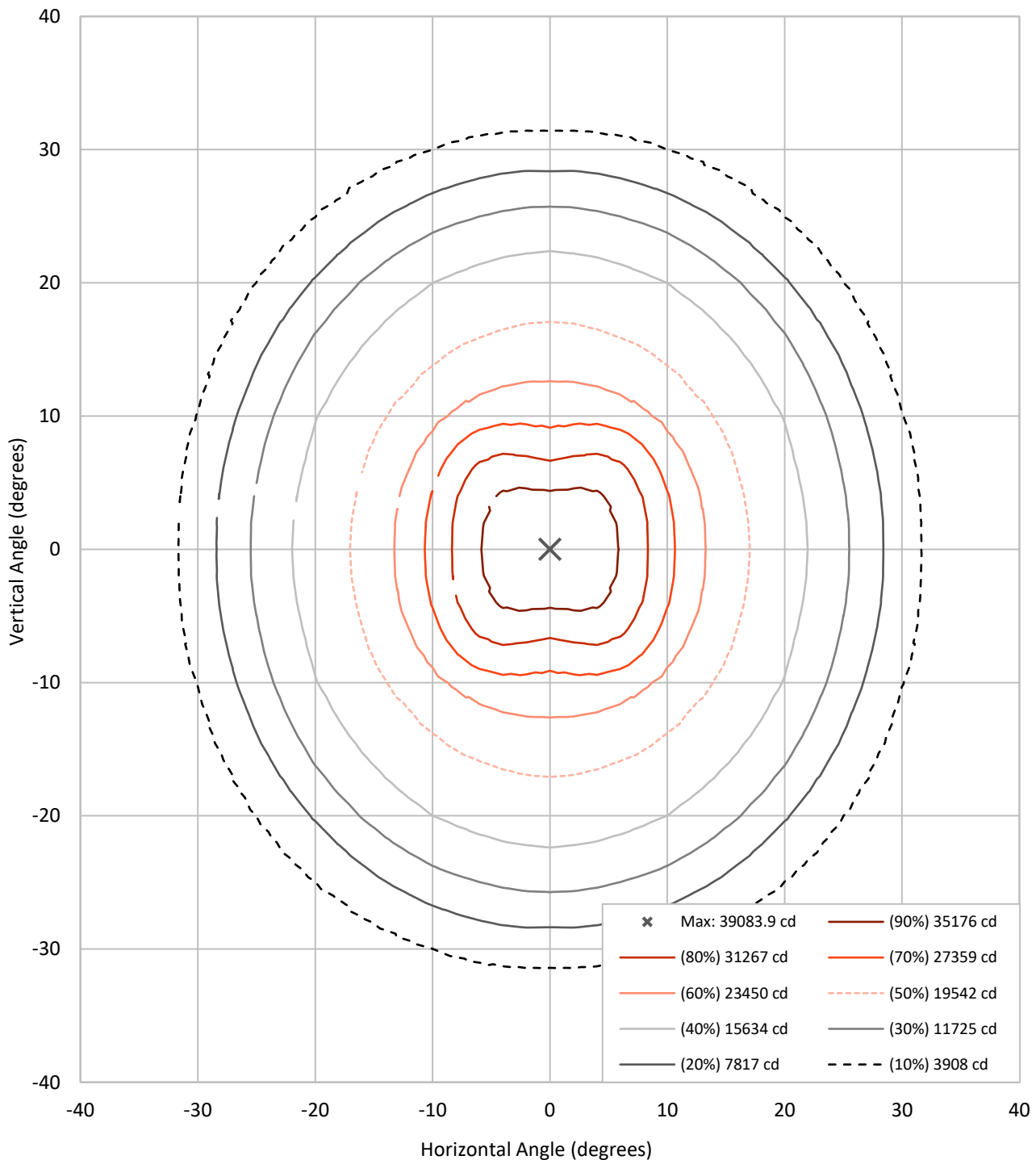
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	17289.6 lumens	Max Intensity:	39083.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	7364.3 lumens	Field Lumens:	15051.1 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 185
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: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-935-U-MR-XX

Iso-Candela Plot





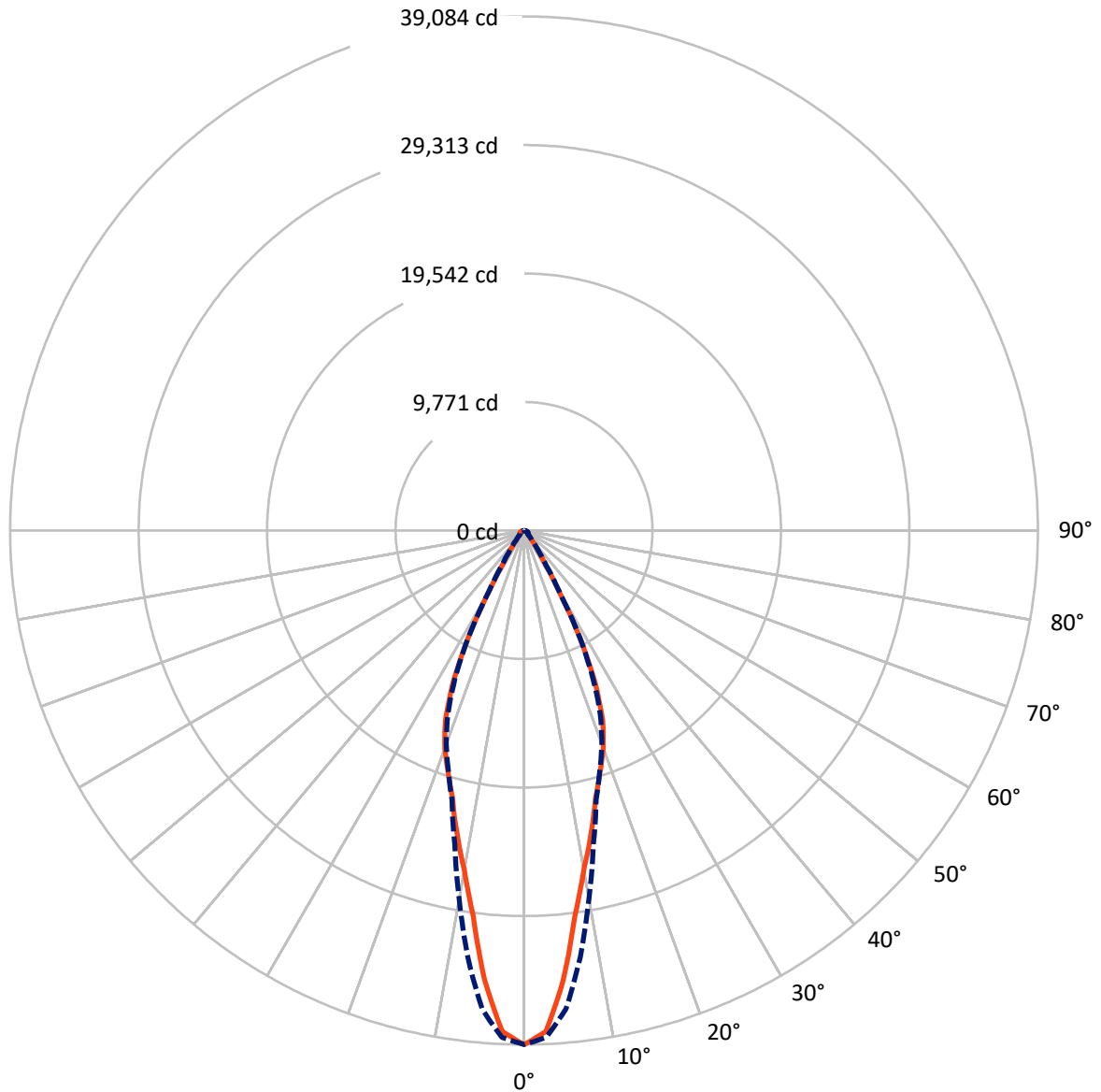
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 CATALOG NUMBER: GFLD-SA5B-935-U-MR-XX

Lumen Table

90																
80	0.2	1.9		5.4		8.8		10.3		8.8		5.4		1.9		0.2
70																
60	0.9	1.0	2.2	3.8	5.6	7.2	8.4	9.1	9.1	8.4	7.2	5.6	3.8	2.2	1.0	0.9
50		1.6	3.5	6.1	8.3	9.4	10.0	10.2	10.2	10.0	9.4	8.3	6.1	3.5	1.6	
40	1.6	2.2	4.9	7.4	8.6	10.6	13.7	15.7	15.7	13.7	10.6	8.6	7.4	4.9	2.2	1.6
30		2.8	5.7	7.4	11.2	22.0	41.9	64.0	64.0	41.9	22.0	11.2	7.4	5.7	2.8	
20	2.2	3.3	5.9	8.3	20.3	67.3	211.6	348.3	348.3	211.6	67.3	20.3	8.3	5.9	3.3	2.2
10		3.6	5.9	10.2	37.8	199.4	471.2	624.1	624.1	471.2	199.4	37.8	10.2	5.9	3.6	
0	2.5	3.8	5.9	11.8	57.4	314.1	612.8	967.1	967.1	612.8	314.1	57.4	11.8	5.9	3.8	2.5
-10		3.8	5.9	11.8	57.4	314.1	612.8	967.1	967.1	612.8	314.1	57.4	11.8	5.9	3.8	
-20	2.2	3.6	5.9	10.2	37.8	199.4	471.2	624.1	624.1	471.2	199.4	37.8	10.2	5.9	3.6	2.2
-30		3.3	5.9	8.3	20.3	67.3	211.6	348.3	348.3	211.6	67.3	20.3	8.3	5.9	3.3	
-40	1.6	2.8	5.7	7.4	11.2	22.0	41.9	64.0	64.0	41.9	22.0	11.2	7.4	5.7	2.8	1.6
-50		2.2	4.9	7.4	8.6	10.6	13.7	15.7	15.7	13.7	10.6	8.6	7.4	4.9	2.2	
-60	0.9	1.6	3.5	6.1	8.3	9.4	10.0	10.2	10.2	10.0	9.4	8.3	6.1	3.5	1.6	0.9
-70		1.0	2.2	3.8	5.6	7.2	8.4	9.1	9.1	8.4	7.2	5.6	3.8	2.2	1.0	
-80																
-90	0.2	1.9		5.4		8.8		10.3		8.8		5.4		1.9		0.2

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CATALOG NUMBER: GFLD-SA5B-935-U-MR-XX

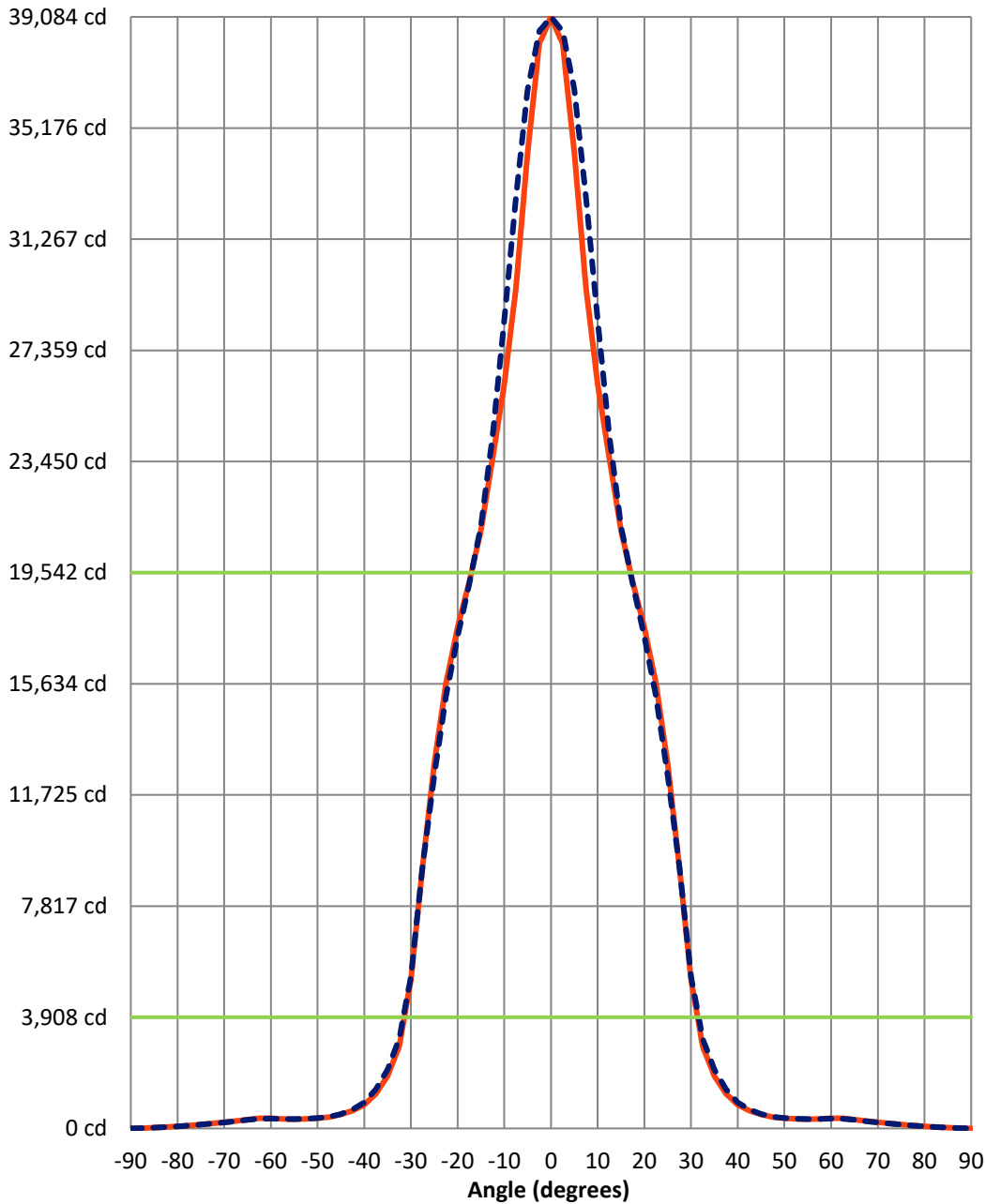
Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: GFLD-SA5B-935-U-MR-XX

Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 7364.3
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 15051.1
 Efficiency: 87.1%

Spill:
 Lumens: 2238.5
 Efficiency: 12.9%

- 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	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	3.8	4.2
85°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	5.9	6.8	7.6	8.4
82.5°	0.0	1.3	2.6	3.9	5.1	6.4	7.7	8.9	10.3	12.4	14.3
80°	0.0	1.7	3.4	5.1	6.8	8.5	10.5	13.4	16.2	18.9	21.3
77.5°	0.0	2.1	4.3	6.4	8.5	11.2	15.1	18.7	22.1	25.3	28.6
75°	0.0	2.6	5.1	7.7	10.4	15.0	19.7	24.0	28.1	32.3	36.7
72.5°	0.0	3.0	5.9	8.9	13.3	18.7	24.2	29.3	34.3	39.5	44.8
70°	0.0	3.4	6.8	10.3	16.2	22.3	28.6	34.6	40.5	46.6	54.5
67.5°	0.0	3.8	7.6	12.4	19.0	25.9	33.1	39.8	46.6	55.6	64.4
65°	0.0	4.2	8.4	14.4	21.7	29.5	37.5	44.9	54.5	64.4	74.9
62.5°	0.0	4.6	9.1	16.4	24.4	33.3	41.9	51.2	62.2	73.5	87.1
60°	0.0	4.9	9.9	18.3	27.0	37.0	46.2	57.8	69.8	84.3	99.0
57.5°	0.0	5.3	11.1	20.1	30.0	40.7	51.7	64.3	78.7	94.8	111.2
55°	0.0	5.7	12.4	22.0	32.9	44.3	57.2	70.7	87.8	105.2	123.3
52.5°	0.0	6.0	13.6	23.7	35.8	48.0	62.5	78.3	96.7	115.5	134.8
50°	0.0	6.4	14.7	25.4	38.6	52.3	67.6	85.7	105.3	125.3	147.0
47.5°	0.0	6.7	15.9	27.1	41.3	56.4	72.8	92.9	113.6	134.7	159.0
45°	0.0	7.0	17.0	29.1	44.0	60.4	78.5	99.6	121.6	145.3	170.7
42.5°	0.0	7.3	18.0	31.0	46.6	64.2	84.0	106.3	129.3	155.5	182.8
40°	0.0	7.6	19.0	32.9	49.3	67.9	89.2	112.7	137.2	165.5	194.5
37.5°	0.0	7.9	20.0	34.7	52.1	71.4	94.1	118.9	145.5	175.0	205.7
35°	0.0	8.1	20.9	36.4	54.7	75.0	98.7	124.7	153.4	184.4	216.4
32.5°	0.0	8.3	21.8	37.9	57.2	78.6	103.1	130.3	160.8	193.2	226.7
30°	0.0	8.6	22.7	39.3	59.5	81.9	107.5	135.7	167.6	201.4	236.3
27.5°	0.0	8.8	23.4	40.6	61.5	84.9	111.6	141.3	174.1	209.0	245.2
25°	0.0	9.0	24.2	41.7	63.3	87.7	115.4	146.3	180.3	216.2	253.4
22.5°	0.0	9.1	24.9	42.8	64.9	90.2	118.9	150.9	185.9	222.9	261.7
20°	0.0	9.3	25.5	43.6	66.4	92.3	122.0	155.0	191.0	228.9	269.0
17.5°	0.0	9.4	26.0	44.4	67.6	94.1	124.8	158.7	195.4	234.2	275.5
15°	0.0	9.6	26.5	45.1	68.7	95.7	127.3	161.8	199.3	238.8	281.1
12.5°	0.0	9.7	27.0	45.6	69.6	97.0	129.4	164.6	202.5	242.7	285.7
10°	0.0	9.7	27.4	46.0	70.3	98.0	131.1	166.8	205.1	246.2	289.9
7.5°	0.0	9.8	27.7	46.2	70.9	98.8	132.5	168.5	207.0	249.2	294.1
5°	0.0	9.9	27.9	46.4	71.2	99.3	133.5	169.8	208.3	251.4	297.5
2.5°	0.0	9.9	28.1	46.5	71.3	99.5	134.1	170.5	208.9	252.9	300.1
0°	0.0	9.9	28.2	46.4	71.3	99.5	134.3	170.8	208.9	253.7	301.7
-2.5°	0.0	9.9	28.1	46.5	71.3	99.5	134.1	170.5	208.9	252.9	300.1
-5°	0.0	9.9	27.9	46.4	71.2	99.3	133.5	169.8	208.3	251.4	297.5
-7.5°	0.0	9.8	27.7	46.2	70.9	98.8	132.5	168.5	207.0	249.2	294.1
-10°	0.0	9.7	27.4	46.0	70.3	98.0	131.1	166.8	205.1	246.2	289.9
-12.5°	0.0	9.7	27.0	45.6	69.6	97.0	129.4	164.6	202.5	242.7	285.7
-15°	0.0	9.6	26.5	45.1	68.7	95.7	127.3	161.8	199.3	238.8	281.1
-17.5°	0.0	9.4	26.0	44.4	67.6	94.1	124.8	158.7	195.4	234.2	275.5
-20°	0.0	9.3	25.5	43.6	66.4	92.3	122.0	155.0	191.0	228.9	269.0



REPORT NUMBER: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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	9.1	24.9	42.8	64.9	90.2	118.9	150.9	185.9	222.9	261.7
-25°	0.0	9.0	24.2	41.7	63.3	87.7	115.4	146.3	180.3	216.2	253.4
-27.5°	0.0	8.8	23.4	40.6	61.5	84.9	111.6	141.3	174.1	209.0	245.2
-30°	0.0	8.6	22.7	39.3	59.5	81.9	107.5	135.7	167.6	201.4	236.3
-32.5°	0.0	8.3	21.8	37.9	57.2	78.6	103.1	130.3	160.8	193.2	226.7
-35°	0.0	8.1	20.9	36.4	54.7	75.0	98.7	124.7	153.4	184.4	216.4
-37.5°	0.0	7.9	20.0	34.7	52.1	71.4	94.1	118.9	145.5	175.0	205.7
-40°	0.0	7.6	19.0	32.9	49.3	67.9	89.2	112.7	137.2	165.5	194.5
-42.5°	0.0	7.3	18.0	31.0	46.6	64.2	84.0	106.3	129.3	155.5	182.8
-45°	0.0	7.0	17.0	29.1	44.0	60.4	78.5	99.6	121.6	145.3	170.7
-47.5°	0.0	6.7	15.9	27.1	41.3	56.4	72.8	92.9	113.6	134.7	159.0
-50°	0.0	6.4	14.7	25.4	38.6	52.3	67.6	85.7	105.3	125.3	147.0
-52.5°	0.0	6.0	13.6	23.7	35.8	48.0	62.5	78.3	96.7	115.5	134.8
-55°	0.0	5.7	12.4	22.0	32.9	44.3	57.2	70.7	87.8	105.2	123.3
-57.5°	0.0	5.3	11.1	20.1	30.0	40.7	51.7	64.3	78.7	94.8	111.2
-60°	0.0	4.9	9.9	18.3	27.0	37.0	46.2	57.8	69.8	84.3	99.0
-62.5°	0.0	4.6	9.1	16.4	24.4	33.3	41.9	51.2	62.2	73.5	87.1
-65°	0.0	4.2	8.4	14.4	21.7	29.5	37.5	44.9	54.5	64.4	74.9
-67.5°	0.0	3.8	7.6	12.4	19.0	25.9	33.1	39.8	46.6	55.6	64.4
-70°	0.0	3.4	6.8	10.3	16.2	22.3	28.6	34.6	40.5	46.6	54.5
-72.5°	0.0	3.0	5.9	8.9	13.3	18.7	24.2	29.3	34.3	39.5	44.8
-75°	0.0	2.6	5.1	7.7	10.4	15.0	19.7	24.0	28.1	32.3	36.7
-77.5°	0.0	2.1	4.3	6.4	8.5	11.2	15.1	18.7	22.1	25.3	28.6
-80°	0.0	1.7	3.4	5.1	6.8	8.5	10.5	13.4	16.2	18.9	21.3
-82.5°	0.0	1.3	2.6	3.9	5.1	6.4	7.7	8.9	10.3	12.4	14.3
-85°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	5.9	6.8	7.6	8.4
-87.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	3.8	4.2
-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: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	4.6	4.9	5.3	5.7	6.0	6.4	6.7	7.0	7.3	7.6	7.9
85°	9.1	9.9	11.1	12.3	13.4	14.4	15.3	16.1	17.0	17.9	18.7
82.5°	16.2	18.1	20.0	21.8	23.3	24.6	25.9	27.7	29.7	31.8	33.7
80°	23.8	26.4	29.5	32.7	35.5	38.4	41.2	44.0	46.8	49.7	52.6
77.5°	32.5	36.5	40.6	44.8	48.9	53.5	58.1	62.7	66.9	70.6	73.9
75°	41.6	46.6	52.6	58.9	64.9	70.7	76.6	83.0	88.7	93.7	98.5
72.5°	51.5	58.8	66.1	73.5	81.7	89.6	97.3	104.8	111.5	117.9	124.2
70°	62.5	70.9	80.7	90.6	100.2	109.3	118.2	126.5	134.4	142.7	151.6
67.5°	73.8	85.3	96.6	107.8	119.0	129.4	139.1	149.9	160.5	170.9	181.0
65°	87.2	99.9	112.9	125.8	138.1	150.5	163.0	175.2	187.8	199.7	210.8
62.5°	100.4	115.2	129.7	143.9	158.4	172.5	187.2	201.6	215.5	230.0	243.8
60°	114.5	130.6	146.5	162.5	178.8	195.7	212.0	228.9	245.9	262.3	278.1
57.5°	128.4	145.9	163.3	181.4	200.4	219.1	238.3	257.3	276.8	295.5	311.8
55°	142.0	160.9	180.4	201.2	222.0	243.5	264.9	287.1	308.1	323.8	338.5
52.5°	155.7	175.9	198.3	220.9	244.1	268.1	293.2	314.5	332.0	345.4	348.7
50°	169.0	192.3	215.9	240.7	266.3	293.5	317.5	336.8	346.6	350.4	348.4
47.5°	183.2	208.1	233.6	260.3	288.9	314.9	337.5	347.3	352.1	347.0	340.7
45°	197.2	223.9	250.9	280.1	308.8	333.4	346.1	353.1	346.8	340.7	336.3
42.5°	210.7	239.3	268.8	298.9	325.6	343.0	351.0	347.0	341.6	336.9	338.4
40°	224.1	254.1	286.3	314.7	338.7	347.6	346.2	341.3	338.1	340.2	346.9
37.5°	236.9	269.6	302.5	330.0	342.9	346.5	340.6	337.4	339.7	347.6	362.6
35°	249.1	284.5	315.8	338.8	347.5	341.4	337.2	336.6	345.5	361.4	383.7
32.5°	261.5	298.6	328.3	342.7	344.1	337.4	334.2	341.7	355.7	376.8	414.1
30°	273.5	309.6	337.5	346.3	340.2	335.0	336.8	347.8	366.8	401.7	462.1
27.5°	284.4	319.4	340.4	344.6	336.8	332.5	340.7	357.2	384.8	431.4	517.6
25°	294.4	328.3	343.1	341.5	334.6	334.1	345.3	365.6	403.7	479.1	597.1
22.5°	302.7	336.5	345.5	338.5	332.3	336.8	352.4	380.7	431.7	524.0	680.1
20°	309.4	338.6	345.1	335.7	330.1	339.0	358.8	395.5	469.3	594.3	773.6
17.5°	315.4	340.4	342.7	333.9	331.5	342.5	365.4	408.6	502.6	654.7	863.3
15°	320.8	342.0	340.5	332.3	333.1	347.1	376.2	433.5	542.7	711.7	943.9
12.5°	325.4	343.4	338.4	331.0	334.3	351.0	385.4	456.1	582.2	773.4	1073.2
10°	329.3	344.5	336.5	329.9	335.1	354.1	392.8	473.9	612.6	825.8	1181.7
7.5°	332.9	345.4	334.9	329.0	335.5	356.4	398.5	487.0	634.3	867.9	1262.9
5°	335.6	346.0	333.9	328.6	336.7	358.9	402.7	495.5	647.5	898.6	1317.2
2.5°	337.3	346.4	333.4	328.4	338.4	362.2	406.2	502.7	659.2	913.7	1355.9
0°	338.2	346.5	333.2	328.3	339.9	364.7	407.8	505.6	664.8	913.5	1379.3
-2.5°	337.3	346.4	333.4	328.4	338.4	362.2	406.2	502.7	659.2	913.7	1355.9
-5°	335.6	346.0	333.9	328.6	336.7	358.9	402.7	495.5	647.5	898.6	1317.2
-7.5°	332.9	345.4	334.9	329.0	335.5	356.4	398.5	487.0	634.3	867.9	1262.9
-10°	329.3	344.5	336.5	329.9	335.1	354.1	392.8	473.9	612.6	825.8	1181.7
-12.5°	325.4	343.4	338.4	331.0	334.3	351.0	385.4	456.1	582.2	773.4	1073.2
-15°	320.8	342.0	340.5	332.3	333.1	347.1	376.2	433.5	542.7	711.7	943.9
-17.5°	315.4	340.4	342.7	333.9	331.5	342.5	365.4	408.6	502.6	654.7	863.3
-20°	309.4	338.6	345.1	335.7	330.1	339.0	358.8	395.5	469.3	594.3	773.6



REPORT NUMBER: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	302.7	336.5	345.5	338.5	332.3	336.8	352.4	380.7	431.7	524.0	680.1
-25°	294.4	328.3	343.1	341.5	334.6	334.1	345.3	365.6	403.7	479.1	597.1
-27.5°	284.4	319.4	340.4	344.6	336.8	332.5	340.7	357.2	384.8	431.4	517.6
-30°	273.5	309.6	337.5	346.3	340.2	335.0	336.8	347.8	366.8	401.7	462.1
-32.5°	261.5	298.6	328.3	342.7	344.1	337.4	334.2	341.7	355.7	376.8	414.1
-35°	249.1	284.5	315.8	338.8	347.5	341.4	337.2	336.6	345.5	361.4	383.7
-37.5°	236.9	269.6	302.5	330.0	342.9	346.5	340.6	337.4	339.7	347.6	362.6
-40°	224.1	254.1	286.3	314.7	338.7	347.6	346.2	341.3	338.1	340.2	346.9
-42.5°	210.7	239.3	268.8	298.9	325.6	343.0	351.0	347.0	341.6	336.9	338.4
-45°	197.2	223.9	250.9	280.1	308.8	333.4	346.1	353.1	346.8	340.7	336.3
-47.5°	183.2	208.1	233.6	260.3	288.9	314.9	337.5	347.3	352.1	347.0	340.7
-50°	169.0	192.3	215.9	240.7	266.3	293.5	317.5	336.8	346.6	350.4	348.4
-52.5°	155.7	175.9	198.3	220.9	244.1	268.1	293.2	314.5	332.0	345.4	348.7
-55°	142.0	160.9	180.4	201.2	222.0	243.5	264.9	287.1	308.1	323.8	338.5
-57.5°	128.4	145.9	163.3	181.4	200.4	219.1	238.3	257.3	276.8	295.5	311.8
-60°	114.5	130.6	146.5	162.5	178.8	195.7	212.0	228.9	245.9	262.3	278.1
-62.5°	100.4	115.2	129.7	143.9	158.4	172.5	187.2	201.6	215.5	230.0	243.8
-65°	87.2	99.9	112.9	125.8	138.1	150.5	163.0	175.2	187.8	199.7	210.8
-67.5°	73.8	85.3	96.6	107.8	119.0	129.4	139.1	149.9	160.5	170.9	181.0
-70°	62.5	70.9	80.7	90.6	100.2	109.3	118.2	126.5	134.4	142.7	151.6
-72.5°	51.5	58.8	66.1	73.5	81.7	89.6	97.3	104.8	111.5	117.9	124.2
-75°	41.6	46.6	52.6	58.9	64.9	70.7	76.6	83.0	88.7	93.7	98.5
-77.5°	32.5	36.5	40.6	44.8	48.9	53.5	58.1	62.7	66.9	70.6	73.9
-80°	23.8	26.4	29.5	32.7	35.5	38.4	41.2	44.0	46.8	49.7	52.6
-82.5°	16.2	18.1	20.0	21.8	23.3	24.6	25.9	27.7	29.7	31.8	33.7
-85°	9.1	9.9	11.1	12.3	13.4	14.4	15.3	16.1	17.0	17.9	18.7
-87.5°	4.6	4.9	5.3	5.7	6.0	6.4	6.7	7.0	7.3	7.6	7.9
-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: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	8.1	8.0	7.9	7.7	7.5	7.7	7.8	7.9	8.0	8.5	9.0
85°	19.5	20.3	21.2	22.2	23.1	23.7	24.3	24.8	25.3	25.7	26.0
82.5°	35.5	37.3	39.0	40.6	42.0	43.1	44.2	45.1	45.9	46.6	47.1
80°	55.3	57.7	59.9	61.9	63.6	65.0	66.3	67.3	68.1	69.8	71.4
77.5°	77.4	80.8	84.0	86.9	89.5	92.1	94.5	96.7	98.7	100.2	101.3
75°	103.0	107.3	111.7	115.7	119.4	123.2	126.8	130.2	133.2	135.3	136.8
72.5°	130.5	136.4	141.7	146.8	151.4	156.0	160.6	164.7	168.3	171.1	173.3
70°	160.0	167.6	173.8	179.6	185.3	191.1	196.7	201.6	205.9	209.3	212.2
67.5°	190.5	199.3	207.1	214.7	222.3	229.4	236.2	242.6	248.4	252.8	255.7
65°	221.7	233.0	243.2	252.6	261.0	269.1	277.6	285.4	292.5	298.3	302.8
62.5°	257.0	269.7	281.4	291.8	301.2	308.7	316.8	324.2	330.8	336.9	343.1
60°	293.1	307.3	317.6	326.4	334.5	341.7	344.5	347.3	349.5	351.5	353.9
57.5°	324.6	336.7	345.5	347.6	349.4	350.9	349.9	347.1	344.1	341.2	338.9
55°	346.5	350.0	353.9	350.9	346.0	341.5	337.5	334.7	332.1	329.8	327.8
52.5°	352.4	349.0	344.9	340.4	337.1	333.6	330.1	330.8	331.8	332.6	333.1
50°	343.8	339.9	337.7	335.1	335.6	337.3	338.7	342.0	346.0	348.9	351.4
47.5°	337.2	334.6	337.9	342.1	346.0	353.2	359.5	365.7	375.3	382.9	389.0
45°	335.3	341.6	348.1	358.4	367.5	383.1	397.9	410.2	433.1	454.1	470.6
42.5°	344.8	355.7	367.5	387.5	409.1	436.8	472.4	502.5	537.8	570.6	594.4
40°	360.5	376.4	403.0	435.2	485.6	530.5	589.5	640.0	687.4	737.6	775.4
37.5°	383.0	412.7	462.3	520.2	596.8	670.4	751.8	830.7	897.9	999.7	1079.3
35°	416.4	476.5	547.0	643.7	743.8	856.6	975.5	1128.6	1263.5	1421.7	1570.4
32.5°	477.3	558.6	669.1	800.0	933.0	1127.6	1311.3	1560.1	1783.7	2062.7	2362.8
30°	548.5	669.9	818.4	989.2	1230.1	1497.9	1799.7	2181.4	2634.9	3174.9	3899.5
27.5°	646.7	802.6	989.3	1266.4	1608.1	1966.8	2502.1	3143.7	4312.8	5331.7	6682.0
25°	752.4	942.8	1238.2	1610.5	2060.1	2706.2	3752.6	5087.6	6978.5	8786.5	10231.9
22.5°	874.3	1152.5	1525.3	1988.7	2716.3	3967.2	5591.9	7942.9	10051.4	11875.0	13279.4
20°	1009.3	1358.2	1859.3	2567.2	3806.3	5638.4	8246.6	10659.4	12813.0	14382.9	15623.8
17.5°	1184.0	1639.9	2275.6	3252.6	5154.3	7977.5	10666.4	13051.2	14925.0	16304.3	17404.4
15°	1347.2	1899.1	2723.0	4389.9	6985.6	10003.0	12759.2	14886.6	16508.1	17791.6	18780.7
12.5°	1539.8	2190.3	3246.1	5372.5	8669.6	11674.1	14245.1	16231.6	17793.1	18996.2	20321.7
10°	1711.4	2503.6	3995.5	6681.9	10052.4	12987.4	15484.1	17269.4	18835.2	20403.0	22390.6
7.5°	1853.0	2766.7	4610.1	7786.7	11114.1	13958.8	16233.4	18017.2	19742.9	21836.8	24703.7
5°	1965.6	2965.0	5115.7	8620.8	11886.0	14652.2	16805.6	18613.8	20563.0	23364.0	27211.4
2.5°	2040.8	3095.0	5431.7	9124.7	12372.9	15049.9	17229.8	19004.0	21047.7	24219.1	28238.6
0°	2070.7	3154.9	5351.5	9216.0	12402.4	15179.3	17293.1	19149.9	21185.7	24362.1	28427.2
-2.5°	2040.8	3095.0	5431.7	9124.7	12372.9	15049.9	17229.8	19004.0	21047.7	24219.1	28238.6
-5°	1965.6	2965.0	5115.7	8620.8	11886.0	14652.2	16805.6	18613.8	20563.0	23364.0	27211.4
-7.5°	1853.0	2766.7	4610.1	7786.7	11114.1	13958.8	16233.4	18017.2	19742.9	21836.8	24703.7
-10°	1711.4	2503.6	3995.5	6681.9	10052.4	12987.4	15484.1	17269.4	18835.2	20403.0	22390.6
-12.5°	1539.8	2190.3	3246.1	5372.5	8669.6	11674.1	14245.1	16231.6	17793.1	18996.2	20321.7
-15°	1347.2	1899.1	2723.0	4389.9	6985.6	10003.0	12759.2	14886.6	16508.1	17791.6	18780.7
-17.5°	1184.0	1639.9	2275.6	3252.6	5154.3	7977.5	10666.4	13051.2	14925.0	16304.3	17404.4
-20°	1009.3	1358.2	1859.3	2567.2	3806.3	5638.4	8246.6	10659.4	12813.0	14382.9	15623.8



REPORT NUMBER: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	874.3	1152.5	1525.3	1988.7	2716.3	3967.2	5591.9	7942.9	10051.4	11875.0	13279.4
-25°	752.4	942.8	1238.2	1610.5	2060.1	2706.2	3752.6	5087.6	6978.5	8786.5	10231.9
-27.5°	646.7	802.6	989.3	1266.4	1608.1	1966.8	2502.1	3143.7	4312.8	5331.7	6682.0
-30°	548.5	669.9	818.4	989.2	1230.1	1497.9	1799.7	2181.4	2634.9	3174.9	3899.5
-32.5°	477.3	558.6	669.1	800.0	933.0	1127.6	1311.3	1560.1	1783.7	2062.7	2362.8
-35°	416.4	476.5	547.0	643.7	743.8	856.6	975.5	1128.6	1263.5	1421.7	1570.4
-37.5°	383.0	412.7	462.3	520.2	596.8	670.4	751.8	830.7	897.9	999.7	1079.3
-40°	360.5	376.4	403.0	435.2	485.6	530.5	589.5	640.0	687.4	737.6	775.4
-42.5°	344.8	355.7	367.5	387.5	409.1	436.8	472.4	502.5	537.8	570.6	594.4
-45°	335.3	341.6	348.1	358.4	367.5	383.1	397.9	410.2	433.1	454.1	470.6
-47.5°	337.2	334.6	337.9	342.1	346.0	353.2	359.5	365.7	375.3	382.9	389.0
-50°	343.8	339.9	337.7	335.1	335.6	337.3	338.7	342.0	346.0	348.9	351.4
-52.5°	352.4	349.0	344.9	340.4	337.1	333.6	330.1	330.8	331.8	332.6	333.1
-55°	346.5	350.0	353.9	350.9	346.0	341.5	337.5	334.7	332.1	329.8	327.8
-57.5°	324.6	336.7	345.5	347.6	349.4	350.9	349.9	347.1	344.1	341.2	338.9
-60°	293.1	307.3	317.6	326.4	334.5	341.7	344.5	347.3	349.5	351.5	353.9
-62.5°	257.0	269.7	281.4	291.8	301.2	308.7	316.8	324.2	330.8	336.9	343.1
-65°	221.7	233.0	243.2	252.6	261.0	269.1	277.6	285.4	292.5	298.3	302.8
-67.5°	190.5	199.3	207.1	214.7	222.3	229.4	236.2	242.6	248.4	252.8	255.7
-70°	160.0	167.6	173.8	179.6	185.3	191.1	196.7	201.6	205.9	209.3	212.2
-72.5°	130.5	136.4	141.7	146.8	151.4	156.0	160.6	164.7	168.3	171.1	173.3
-75°	103.0	107.3	111.7	115.7	119.4	123.2	126.8	130.2	133.2	135.3	136.8
-77.5°	77.4	80.8	84.0	86.9	89.5	92.1	94.5	96.7	98.7	100.2	101.3
-80°	55.3	57.7	59.9	61.9	63.6	65.0	66.3	67.3	68.1	69.8	71.4
-82.5°	35.5	37.3	39.0	40.6	42.0	43.1	44.2	45.1	45.9	46.6	47.1
-85°	19.5	20.3	21.2	22.2	23.1	23.7	24.3	24.8	25.3	25.7	26.0
-87.5°	8.1	8.0	7.9	7.7	7.5	7.7	7.8	7.9	8.0	8.5	9.0
-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: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	9.4	9.9	9.9	9.9	9.9	9.9	9.4	9.0	8.5	8.0	7.9
85°	26.2	26.4	27.3	28.2	27.3	26.4	26.2	26.0	25.7	25.3	24.8
82.5°	47.5	47.9	48.0	48.1	48.0	47.9	47.5	47.1	46.6	45.9	45.1
80°	72.9	74.2	73.7	72.9	73.7	74.2	72.9	71.4	69.8	68.1	67.3
77.5°	101.9	102.3	101.8	101.1	101.8	102.3	101.9	101.3	100.2	98.7	96.7
75°	137.8	138.5	139.1	139.3	139.1	138.5	137.8	136.8	135.3	133.2	130.2
72.5°	175.1	176.4	176.3	175.7	176.3	176.4	175.1	173.3	171.1	168.3	164.7
70°	214.4	215.9	216.9	217.2	216.9	215.9	214.4	212.2	209.3	205.9	201.6
67.5°	257.7	258.9	259.9	260.3	259.9	258.9	257.7	255.7	252.8	248.4	242.6
65°	306.6	309.5	310.4	310.0	310.4	309.5	306.6	302.8	298.3	292.5	285.4
62.5°	348.7	353.8	355.9	356.4	355.9	353.8	348.7	343.1	336.9	330.8	324.2
60°	355.9	357.6	358.1	358.1	358.1	357.6	355.9	353.9	351.5	349.5	347.3
57.5°	336.6	334.7	333.5	333.2	333.5	334.7	336.6	338.9	341.2	344.1	347.1
55°	325.9	324.3	323.5	323.3	323.5	324.3	325.9	327.8	329.8	332.1	334.7
52.5°	333.2	333.0	333.7	334.9	333.7	333.0	333.2	333.1	332.6	331.8	330.8
50°	353.5	355.0	356.6	358.1	356.6	355.0	353.5	351.4	348.9	346.0	342.0
47.5°	393.4	395.7	397.1	397.9	397.1	395.7	393.4	389.0	382.9	375.3	365.7
45°	481.3	487.1	489.9	490.7	489.9	487.1	481.3	470.6	454.1	433.1	410.2
42.5°	610.2	618.9	622.7	623.4	622.7	618.9	610.2	594.4	570.6	537.8	502.5
40°	802.4	817.8	825.3	830.6	825.3	817.8	802.4	775.4	737.6	687.4	640.0
37.5°	1138.9	1177.6	1199.6	1218.5	1199.6	1177.6	1138.9	1079.3	999.7	897.9	830.7
35°	1691.4	1780.0	1832.2	1843.5	1832.2	1780.0	1691.4	1570.4	1421.7	1263.5	1128.6
32.5°	2593.8	2767.7	2871.7	2884.7	2871.7	2767.7	2593.8	2362.8	2062.7	1783.7	1560.1
30°	4462.1	4949.2	5283.1	5237.2	5283.1	4949.2	4462.1	3899.5	3174.9	2634.9	2181.4
27.5°	7788.3	8671.7	9245.5	9197.8	9245.5	8671.7	7788.3	6682.0	5331.7	4312.8	3143.7
25°	11343.2	12156.3	12636.3	12813.5	12636.3	12156.3	11343.2	10231.9	8786.5	6978.5	5087.6
22.5°	14246.2	14973.2	15388.4	15636.9	15388.4	14973.2	14246.2	13279.4	11875.0	10051.4	7942.9
20°	16470.5	17100.9	17458.0	17611.4	17458.0	17100.9	16470.5	15623.8	14382.9	12813.0	10659.4
17.5°	18181.6	18709.4	19113.7	19217.8	19113.7	18709.4	18181.6	17404.4	16304.3	14925.0	13051.2
15°	19695.2	20377.0	20853.7	21031.5	20853.7	20377.0	19695.2	18780.7	17791.6	16508.1	14886.6
12.5°	21603.8	22789.3	23419.4	23564.7	23419.4	22789.3	21603.8	20321.7	18996.2	17793.1	16231.6
10°	24424.9	26247.0	26453.5	26170.9	26453.5	26247.0	24424.9	22390.6	20403.0	18835.2	17269.4
7.5°	28533.5	30963.1	30437.8	29562.8	30437.8	30963.1	28533.5	24703.7	21836.8	19742.9	18017.2
5°	31473.7	34847.0	34951.7	34309.3	34951.7	34847.0	31473.7	27211.4	23364.0	20563.0	18613.8
2.5°	32644.2	36116.7	37844.9	38128.1	37844.9	36116.7	32644.2	28238.6	24219.1	21047.7	19004.0
0°	32731.8	36525.8	38574.9	39083.9	38574.9	36525.8	32731.8	28427.2	24362.1	21185.7	19149.9
-2.5°	32644.2	36116.7	37844.9	38128.1	37844.9	36116.7	32644.2	28238.6	24219.1	21047.7	19004.0
-5°	31473.7	34847.0	34951.7	34309.3	34951.7	34847.0	31473.7	27211.4	23364.0	20563.0	18613.8
-7.5°	28533.5	30963.1	30437.8	29562.8	30437.8	30963.1	28533.5	24703.7	21836.8	19742.9	18017.2
-10°	24424.9	26247.0	26453.5	26170.9	26453.5	26247.0	24424.9	22390.6	20403.0	18835.2	17269.4
-12.5°	21603.8	22789.3	23419.4	23564.7	23419.4	22789.3	21603.8	20321.7	18996.2	17793.1	16231.6
-15°	19695.2	20377.0	20853.7	21031.5	20853.7	20377.0	19695.2	18780.7	17791.6	16508.1	14886.6
-17.5°	18181.6	18709.4	19113.7	19217.8	19113.7	18709.4	18181.6	17404.4	16304.3	14925.0	13051.2
-20°	16470.5	17100.9	17458.0	17611.4	17458.0	17100.9	16470.5	15623.8	14382.9	12813.0	10659.4



REPORT NUMBER: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	14246.2	14973.2	15388.4	15636.9	15388.4	14973.2	14246.2	13279.4	11875.0	10051.4	7942.9
-25°	11343.2	12156.3	12636.3	12813.5	12636.3	12156.3	11343.2	10231.9	8786.5	6978.5	5087.6
-27.5°	7788.3	8671.7	9245.5	9197.8	9245.5	8671.7	7788.3	6682.0	5331.7	4312.8	3143.7
-30°	4462.1	4949.2	5283.1	5237.2	5283.1	4949.2	4462.1	3899.5	3174.9	2634.9	2181.4
-32.5°	2593.8	2767.7	2871.7	2884.7	2871.7	2767.7	2593.8	2362.8	2062.7	1783.7	1560.1
-35°	1691.4	1780.0	1832.2	1843.5	1832.2	1780.0	1691.4	1570.4	1421.7	1263.5	1128.6
-37.5°	1138.9	1177.6	1199.6	1218.5	1199.6	1177.6	1138.9	1079.3	999.7	897.9	830.7
-40°	802.4	817.8	825.3	830.6	825.3	817.8	802.4	775.4	737.6	687.4	640.0
-42.5°	610.2	618.9	622.7	623.4	622.7	618.9	610.2	594.4	570.6	537.8	502.5
-45°	481.3	487.1	489.9	490.7	489.9	487.1	481.3	470.6	454.1	433.1	410.2
-47.5°	393.4	395.7	397.1	397.9	397.1	395.7	393.4	389.0	382.9	375.3	365.7
-50°	353.5	355.0	356.6	358.1	356.6	355.0	353.5	351.4	348.9	346.0	342.0
-52.5°	333.2	333.0	333.7	334.9	333.7	333.0	333.2	333.1	332.6	331.8	330.8
-55°	325.9	324.3	323.5	323.3	323.5	324.3	325.9	327.8	329.8	332.1	334.7
-57.5°	336.6	334.7	333.5	333.2	333.5	334.7	336.6	338.9	341.2	344.1	347.1
-60°	355.9	357.6	358.1	358.1	358.1	357.6	355.9	353.9	351.5	349.5	347.3
-62.5°	348.7	353.8	355.9	356.4	355.9	353.8	348.7	343.1	336.9	330.8	324.2
-65°	306.6	309.5	310.4	310.0	310.4	309.5	306.6	302.8	298.3	292.5	285.4
-67.5°	257.7	258.9	259.9	260.3	259.9	258.9	257.7	255.7	252.8	248.4	242.6
-70°	214.4	215.9	216.9	217.2	216.9	215.9	214.4	212.2	209.3	205.9	201.6
-72.5°	175.1	176.4	176.3	175.7	176.3	176.4	175.1	173.3	171.1	168.3	164.7
-75°	137.8	138.5	139.1	139.3	139.1	138.5	137.8	136.8	135.3	133.2	130.2
-77.5°	101.9	102.3	101.8	101.1	101.8	102.3	101.9	101.3	100.2	98.7	96.7
-80°	72.9	74.2	73.7	72.9	73.7	74.2	72.9	71.4	69.8	68.1	67.3
-82.5°	47.5	47.9	48.0	48.1	48.0	47.9	47.5	47.1	46.6	45.9	45.1
-85°	26.2	26.4	27.3	28.2	27.3	26.4	26.2	26.0	25.7	25.3	24.8
-87.5°	9.4	9.9	9.9	9.9	9.9	9.9	9.4	9.0	8.5	8.0	7.9
-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: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	7.8	7.7	7.5	7.7	7.9	8.0	8.1	7.9	7.6	7.3	7.0
85°	24.3	23.7	23.1	22.2	21.2	20.3	19.5	18.7	17.9	17.0	16.1
82.5°	44.2	43.1	42.0	40.6	39.0	37.3	35.5	33.7	31.8	29.7	27.7
80°	66.3	65.0	63.6	61.9	59.9	57.7	55.3	52.6	49.7	46.8	44.0
77.5°	94.5	92.1	89.5	86.9	84.0	80.8	77.4	73.9	70.6	66.9	62.7
75°	126.8	123.2	119.4	115.7	111.7	107.3	103.0	98.5	93.7	88.7	83.0
72.5°	160.6	156.0	151.4	146.8	141.7	136.4	130.5	124.2	117.9	111.5	104.8
70°	196.7	191.1	185.3	179.6	173.8	167.6	160.0	151.6	142.7	134.4	126.5
67.5°	236.2	229.4	222.3	214.7	207.1	199.3	190.5	181.0	170.9	160.5	149.9
65°	277.6	269.1	261.0	252.6	243.2	233.0	221.7	210.8	199.7	187.8	175.2
62.5°	316.8	308.7	301.2	291.8	281.4	269.7	257.0	243.8	230.0	215.5	201.6
60°	344.5	341.7	334.5	326.4	317.6	307.3	293.1	278.1	262.3	245.9	228.9
57.5°	349.9	350.9	349.4	347.6	345.5	336.7	324.6	311.8	295.5	276.8	257.3
55°	337.5	341.5	346.0	350.9	353.9	350.0	346.5	338.5	323.8	308.1	287.1
52.5°	330.1	333.6	337.1	340.4	344.9	349.0	352.4	348.7	345.4	332.0	314.5
50°	338.7	337.3	335.6	335.1	337.7	339.9	343.8	348.4	350.4	346.6	336.8
47.5°	359.5	353.2	346.0	342.1	337.9	334.6	337.2	340.7	347.0	352.1	347.3
45°	397.9	383.1	367.5	358.4	348.1	341.6	335.3	336.3	340.7	346.8	353.1
42.5°	472.4	436.8	409.1	387.5	367.5	355.7	344.8	338.4	336.9	341.6	347.0
40°	589.5	530.5	485.6	435.2	403.0	376.4	360.5	346.9	340.2	338.1	341.3
37.5°	751.8	670.4	596.8	520.2	462.3	412.7	383.0	362.6	347.6	339.7	337.4
35°	975.5	856.6	743.8	643.7	547.0	476.5	416.4	383.7	361.4	345.5	336.6
32.5°	1311.3	1127.6	933.0	800.0	669.1	558.6	477.3	414.1	376.8	355.7	341.7
30°	1799.7	1497.9	1230.1	989.2	818.4	669.9	548.5	462.1	401.7	366.8	347.8
27.5°	2502.1	1966.8	1608.1	1266.4	989.3	802.6	646.7	517.6	431.4	384.8	357.2
25°	3752.6	2706.2	2060.1	1610.5	1238.2	942.8	752.4	597.1	479.1	403.7	365.6
22.5°	5591.9	3967.2	2716.3	1988.7	1525.3	1152.5	874.3	680.1	524.0	431.7	380.7
20°	8246.6	5638.4	3806.3	2567.2	1859.3	1358.2	1009.3	773.6	594.3	469.3	395.5
17.5°	10666.4	7977.5	5154.3	3252.6	2275.6	1639.9	1184.0	863.3	654.7	502.6	408.6
15°	12759.2	10003.0	6985.6	4389.9	2723.0	1899.1	1347.2	943.9	711.7	542.7	433.5
12.5°	14245.1	11674.1	8669.6	5372.5	3246.1	2190.3	1539.8	1073.2	773.4	582.2	456.1
10°	15484.1	12987.4	10052.4	6681.9	3995.5	2503.6	1711.4	1181.7	825.8	612.6	473.9
7.5°	16233.4	13958.8	11114.1	7786.7	4610.1	2766.7	1853.0	1262.9	867.9	634.3	487.0
5°	16805.6	14652.2	11886.0	8620.8	5115.7	2965.0	1965.6	1317.2	898.6	647.5	495.5
2.5°	17229.8	15049.9	12372.9	9124.7	5431.7	3095.0	2040.8	1355.9	913.7	659.2	502.7
0°	17293.1	15179.3	12402.4	9216.0	5351.5	3154.9	2070.7	1379.3	913.5	664.8	505.6
-2.5°	17229.8	15049.9	12372.9	9124.7	5431.7	3095.0	2040.8	1355.9	913.7	659.2	502.7
-5°	16805.6	14652.2	11886.0	8620.8	5115.7	2965.0	1965.6	1317.2	898.6	647.5	495.5
-7.5°	16233.4	13958.8	11114.1	7786.7	4610.1	2766.7	1853.0	1262.9	867.9	634.3	487.0
-10°	15484.1	12987.4	10052.4	6681.9	3995.5	2503.6	1711.4	1181.7	825.8	612.6	473.9
-12.5°	14245.1	11674.1	8669.6	5372.5	3246.1	2190.3	1539.8	1073.2	773.4	582.2	456.1
-15°	12759.2	10003.0	6985.6	4389.9	2723.0	1899.1	1347.2	943.9	711.7	542.7	433.5
-17.5°	10666.4	7977.5	5154.3	3252.6	2275.6	1639.9	1184.0	863.3	654.7	502.6	408.6
-20°	8246.6	5638.4	3806.3	2567.2	1859.3	1358.2	1009.3	773.6	594.3	469.3	395.5



REPORT NUMBER: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5591.9	3967.2	2716.3	1988.7	1525.3	1152.5	874.3	680.1	524.0	431.7	380.7
-25°	3752.6	2706.2	2060.1	1610.5	1238.2	942.8	752.4	597.1	479.1	403.7	365.6
-27.5°	2502.1	1966.8	1608.1	1266.4	989.3	802.6	646.7	517.6	431.4	384.8	357.2
-30°	1799.7	1497.9	1230.1	989.2	818.4	669.9	548.5	462.1	401.7	366.8	347.8
-32.5°	1311.3	1127.6	933.0	800.0	669.1	558.6	477.3	414.1	376.8	355.7	341.7
-35°	975.5	856.6	743.8	643.7	547.0	476.5	416.4	383.7	361.4	345.5	336.6
-37.5°	751.8	670.4	596.8	520.2	462.3	412.7	383.0	362.6	347.6	339.7	337.4
-40°	589.5	530.5	485.6	435.2	403.0	376.4	360.5	346.9	340.2	338.1	341.3
-42.5°	472.4	436.8	409.1	387.5	367.5	355.7	344.8	338.4	336.9	341.6	347.0
-45°	397.9	383.1	367.5	358.4	348.1	341.6	335.3	336.3	340.7	346.8	353.1
-47.5°	359.5	353.2	346.0	342.1	337.9	334.6	337.2	340.7	347.0	352.1	347.3
-50°	338.7	337.3	335.6	335.1	337.7	339.9	343.8	348.4	350.4	346.6	336.8
-52.5°	330.1	333.6	337.1	340.4	344.9	349.0	352.4	348.7	345.4	332.0	314.5
-55°	337.5	341.5	346.0	350.9	353.9	350.0	346.5	338.5	323.8	308.1	287.1
-57.5°	349.9	350.9	349.4	347.6	345.5	336.7	324.6	311.8	295.5	276.8	257.3
-60°	344.5	341.7	334.5	326.4	317.6	307.3	293.1	278.1	262.3	245.9	228.9
-62.5°	316.8	308.7	301.2	291.8	281.4	269.7	257.0	243.8	230.0	215.5	201.6
-65°	277.6	269.1	261.0	252.6	243.2	233.0	221.7	210.8	199.7	187.8	175.2
-67.5°	236.2	229.4	222.3	214.7	207.1	199.3	190.5	181.0	170.9	160.5	149.9
-70°	196.7	191.1	185.3	179.6	173.8	167.6	160.0	151.6	142.7	134.4	126.5
-72.5°	160.6	156.0	151.4	146.8	141.7	136.4	130.5	124.2	117.9	111.5	104.8
-75°	126.8	123.2	119.4	115.7	111.7	107.3	103.0	98.5	93.7	88.7	83.0
-77.5°	94.5	92.1	89.5	86.9	84.0	80.8	77.4	73.9	70.6	66.9	62.7
-80°	66.3	65.0	63.6	61.9	59.9	57.7	55.3	52.6	49.7	46.8	44.0
-82.5°	44.2	43.1	42.0	40.6	39.0	37.3	35.5	33.7	31.8	29.7	27.7
-85°	24.3	23.7	23.1	22.2	21.2	20.3	19.5	18.7	17.9	17.0	16.1
-87.5°	7.8	7.7	7.5	7.7	7.9	8.0	8.1	7.9	7.6	7.3	7.0
-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: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	6.7	6.4	6.0	5.7	5.3	4.9	4.6	4.2	3.8	3.4	3.0
85°	15.3	14.4	13.4	12.3	11.1	9.9	9.1	8.4	7.6	6.8	5.9
82.5°	25.9	24.6	23.3	21.8	20.0	18.1	16.2	14.3	12.4	10.3	8.9
80°	41.2	38.4	35.5	32.7	29.5	26.4	23.8	21.3	18.9	16.2	13.4
77.5°	58.1	53.5	48.9	44.8	40.6	36.5	32.5	28.6	25.3	22.1	18.7
75°	76.6	70.7	64.9	58.9	52.6	46.6	41.6	36.7	32.3	28.1	24.0
72.5°	97.3	89.6	81.7	73.5	66.1	58.8	51.5	44.8	39.5	34.3	29.3
70°	118.2	109.3	100.2	90.6	80.7	70.9	62.5	54.5	46.6	40.5	34.6
67.5°	139.1	129.4	119.0	107.8	96.6	85.3	73.8	64.4	55.6	46.6	39.8
65°	163.0	150.5	138.1	125.8	112.9	99.9	87.2	74.9	64.4	54.5	44.9
62.5°	187.2	172.5	158.4	143.9	129.7	115.2	100.4	87.1	73.5	62.2	51.2
60°	212.0	195.7	178.8	162.5	146.5	130.6	114.5	99.0	84.3	69.8	57.8
57.5°	238.3	219.1	200.4	181.4	163.3	145.9	128.4	111.2	94.8	78.7	64.3
55°	264.9	243.5	222.0	201.2	180.4	160.9	142.0	123.3	105.2	87.8	70.7
52.5°	293.2	268.1	244.1	220.9	198.3	175.9	155.7	134.8	115.5	96.7	78.3
50°	317.5	293.5	266.3	240.7	215.9	192.3	169.0	147.0	125.3	105.3	85.7
47.5°	337.5	314.9	288.9	260.3	233.6	208.1	183.2	159.0	134.7	113.6	92.9
45°	346.1	333.4	308.8	280.1	250.9	223.9	197.2	170.7	145.3	121.6	99.6
42.5°	351.0	343.0	325.6	298.9	268.8	239.3	210.7	182.8	155.5	129.3	106.3
40°	346.2	347.6	338.7	314.7	286.3	254.1	224.1	194.5	165.5	137.2	112.7
37.5°	340.6	346.5	342.9	330.0	302.5	269.6	236.9	205.7	175.0	145.5	118.9
35°	337.2	341.4	347.5	338.8	315.8	284.5	249.1	216.4	184.4	153.4	124.7
32.5°	334.2	337.4	344.1	342.7	328.3	298.6	261.5	226.7	193.2	160.8	130.3
30°	336.8	335.0	340.2	346.3	337.5	309.6	273.5	236.3	201.4	167.6	135.7
27.5°	340.7	332.5	336.8	344.6	340.4	319.4	284.4	245.2	209.0	174.1	141.3
25°	345.3	334.1	334.6	341.5	343.1	328.3	294.4	253.4	216.2	180.3	146.3
22.5°	352.4	336.8	332.3	338.5	345.5	336.5	302.7	261.7	222.9	185.9	150.9
20°	358.8	339.0	330.1	335.7	345.1	338.6	309.4	269.0	228.9	191.0	155.0
17.5°	365.4	342.5	331.5	333.9	342.7	340.4	315.4	275.5	234.2	195.4	158.7
15°	376.2	347.1	333.1	332.3	340.5	342.0	320.8	281.1	238.8	199.3	161.8
12.5°	385.4	351.0	334.3	331.0	338.4	343.4	325.4	285.7	242.7	202.5	164.6
10°	392.8	354.1	335.1	329.9	336.5	344.5	329.3	289.9	246.2	205.1	166.8
7.5°	398.5	356.4	335.5	329.0	334.9	345.4	332.9	294.1	249.2	207.0	168.5
5°	402.7	358.9	336.7	328.6	333.9	346.0	335.6	297.5	251.4	208.3	169.8
2.5°	406.2	362.2	338.4	328.4	333.4	346.4	337.3	300.1	252.9	208.9	170.5
0°	407.8	364.7	339.9	328.3	333.2	346.5	338.2	301.7	253.7	208.9	170.8
-2.5°	406.2	362.2	338.4	328.4	333.4	346.4	337.3	300.1	252.9	208.9	170.5
-5°	402.7	358.9	336.7	328.6	333.9	346.0	335.6	297.5	251.4	208.3	169.8
-7.5°	398.5	356.4	335.5	329.0	334.9	345.4	332.9	294.1	249.2	207.0	168.5
-10°	392.8	354.1	335.1	329.9	336.5	344.5	329.3	289.9	246.2	205.1	166.8
-12.5°	385.4	351.0	334.3	331.0	338.4	343.4	325.4	285.7	242.7	202.5	164.6
-15°	376.2	347.1	333.1	332.3	340.5	342.0	320.8	281.1	238.8	199.3	161.8
-17.5°	365.4	342.5	331.5	333.9	342.7	340.4	315.4	275.5	234.2	195.4	158.7
-20°	358.8	339.0	330.1	335.7	345.1	338.6	309.4	269.0	228.9	191.0	155.0



REPORT NUMBER: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	352.4	336.8	332.3	338.5	345.5	336.5	302.7	261.7	222.9	185.9	150.9
-25°	345.3	334.1	334.6	341.5	343.1	328.3	294.4	253.4	216.2	180.3	146.3
-27.5°	340.7	332.5	336.8	344.6	340.4	319.4	284.4	245.2	209.0	174.1	141.3
-30°	336.8	335.0	340.2	346.3	337.5	309.6	273.5	236.3	201.4	167.6	135.7
-32.5°	334.2	337.4	344.1	342.7	328.3	298.6	261.5	226.7	193.2	160.8	130.3
-35°	337.2	341.4	347.5	338.8	315.8	284.5	249.1	216.4	184.4	153.4	124.7
-37.5°	340.6	346.5	342.9	330.0	302.5	269.6	236.9	205.7	175.0	145.5	118.9
-40°	346.2	347.6	338.7	314.7	286.3	254.1	224.1	194.5	165.5	137.2	112.7
-42.5°	351.0	343.0	325.6	298.9	268.8	239.3	210.7	182.8	155.5	129.3	106.3
-45°	346.1	333.4	308.8	280.1	250.9	223.9	197.2	170.7	145.3	121.6	99.6
-47.5°	337.5	314.9	288.9	260.3	233.6	208.1	183.2	159.0	134.7	113.6	92.9
-50°	317.5	293.5	266.3	240.7	215.9	192.3	169.0	147.0	125.3	105.3	85.7
-52.5°	293.2	268.1	244.1	220.9	198.3	175.9	155.7	134.8	115.5	96.7	78.3
-55°	264.9	243.5	222.0	201.2	180.4	160.9	142.0	123.3	105.2	87.8	70.7
-57.5°	238.3	219.1	200.4	181.4	163.3	145.9	128.4	111.2	94.8	78.7	64.3
-60°	212.0	195.7	178.8	162.5	146.5	130.6	114.5	99.0	84.3	69.8	57.8
-62.5°	187.2	172.5	158.4	143.9	129.7	115.2	100.4	87.1	73.5	62.2	51.2
-65°	163.0	150.5	138.1	125.8	112.9	99.9	87.2	74.9	64.4	54.5	44.9
-67.5°	139.1	129.4	119.0	107.8	96.6	85.3	73.8	64.4	55.6	46.6	39.8
-70°	118.2	109.3	100.2	90.6	80.7	70.9	62.5	54.5	46.6	40.5	34.6
-72.5°	97.3	89.6	81.7	73.5	66.1	58.8	51.5	44.8	39.5	34.3	29.3
-75°	76.6	70.7	64.9	58.9	52.6	46.6	41.6	36.7	32.3	28.1	24.0
-77.5°	58.1	53.5	48.9	44.8	40.6	36.5	32.5	28.6	25.3	22.1	18.7
-80°	41.2	38.4	35.5	32.7	29.5	26.4	23.8	21.3	18.9	16.2	13.4
-82.5°	25.9	24.6	23.3	21.8	20.0	18.1	16.2	14.3	12.4	10.3	8.9
-85°	15.3	14.4	13.4	12.3	11.1	9.9	9.1	8.4	7.6	6.8	5.9
-87.5°	6.7	6.4	6.0	5.7	5.3	4.9	4.6	4.2	3.8	3.4	3.0
-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: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
85°	5.1	4.3	3.4	2.6	1.7	0.9	0.0
82.5°	7.7	6.4	5.1	3.9	2.6	1.3	0.0
80°	10.5	8.5	6.8	5.1	3.4	1.7	0.0
77.5°	15.1	11.2	8.5	6.4	4.3	2.1	0.0
75°	19.7	15.0	10.4	7.7	5.1	2.6	0.0
72.5°	24.2	18.7	13.3	8.9	5.9	3.0	0.0
70°	28.6	22.3	16.2	10.3	6.8	3.4	0.0
67.5°	33.1	25.9	19.0	12.4	7.6	3.8	0.0
65°	37.5	29.5	21.7	14.4	8.4	4.2	0.0
62.5°	41.9	33.3	24.4	16.4	9.1	4.6	0.0
60°	46.2	37.0	27.0	18.3	9.9	4.9	0.0
57.5°	51.7	40.7	30.0	20.1	11.1	5.3	0.0
55°	57.2	44.3	32.9	22.0	12.4	5.7	0.0
52.5°	62.5	48.0	35.8	23.7	13.6	6.0	0.0
50°	67.6	52.3	38.6	25.4	14.7	6.4	0.0
47.5°	72.8	56.4	41.3	27.1	15.9	6.7	0.0
45°	78.5	60.4	44.0	29.1	17.0	7.0	0.0
42.5°	84.0	64.2	46.6	31.0	18.0	7.3	0.0
40°	89.2	67.9	49.3	32.9	19.0	7.6	0.0
37.5°	94.1	71.4	52.1	34.7	20.0	7.9	0.0
35°	98.7	75.0	54.7	36.4	20.9	8.1	0.0
32.5°	103.1	78.6	57.2	37.9	21.8	8.3	0.0
30°	107.5	81.9	59.5	39.3	22.7	8.6	0.0
27.5°	111.6	84.9	61.5	40.6	23.4	8.8	0.0
25°	115.4	87.7	63.3	41.7	24.2	9.0	0.0
22.5°	118.9	90.2	64.9	42.8	24.9	9.1	0.0
20°	122.0	92.3	66.4	43.6	25.5	9.3	0.0
17.5°	124.8	94.1	67.6	44.4	26.0	9.4	0.0
15°	127.3	95.7	68.7	45.1	26.5	9.6	0.0
12.5°	129.4	97.0	69.6	45.6	27.0	9.7	0.0
10°	131.1	98.0	70.3	46.0	27.4	9.7	0.0
7.5°	132.5	98.8	70.9	46.2	27.7	9.8	0.0
5°	133.5	99.3	71.2	46.4	27.9	9.9	0.0
2.5°	134.1	99.5	71.3	46.5	28.1	9.9	0.0
0°	134.3	99.5	71.3	46.4	28.2	9.9	0.0
-2.5°	134.1	99.5	71.3	46.5	28.1	9.9	0.0
-5°	133.5	99.3	71.2	46.4	27.9	9.9	0.0
-7.5°	132.5	98.8	70.9	46.2	27.7	9.8	0.0
-10°	131.1	98.0	70.3	46.0	27.4	9.7	0.0
-12.5°	129.4	97.0	69.6	45.6	27.0	9.7	0.0
-15°	127.3	95.7	68.7	45.1	26.5	9.6	0.0
-17.5°	124.8	94.1	67.6	44.4	26.0	9.4	0.0
-20°	122.0	92.3	66.4	43.6	25.5	9.3	0.0



REPORT NUMBER: P559020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	118.9	90.2	64.9	42.8	24.9	9.1	0.0
-25°	115.4	87.7	63.3	41.7	24.2	9.0	0.0
-27.5°	111.6	84.9	61.5	40.6	23.4	8.8	0.0
-30°	107.5	81.9	59.5	39.3	22.7	8.6	0.0
-32.5°	103.1	78.6	57.2	37.9	21.8	8.3	0.0
-35°	98.7	75.0	54.7	36.4	20.9	8.1	0.0
-37.5°	94.1	71.4	52.1	34.7	20.0	7.9	0.0
-40°	89.2	67.9	49.3	32.9	19.0	7.6	0.0
-42.5°	84.0	64.2	46.6	31.0	18.0	7.3	0.0
-45°	78.5	60.4	44.0	29.1	17.0	7.0	0.0
-47.5°	72.8	56.4	41.3	27.1	15.9	6.7	0.0
-50°	67.6	52.3	38.6	25.4	14.7	6.4	0.0
-52.5°	62.5	48.0	35.8	23.7	13.6	6.0	0.0
-55°	57.2	44.3	32.9	22.0	12.4	5.7	0.0
-57.5°	51.7	40.7	30.0	20.1	11.1	5.3	0.0
-60°	46.2	37.0	27.0	18.3	9.9	4.9	0.0
-62.5°	41.9	33.3	24.4	16.4	9.1	4.6	0.0
-65°	37.5	29.5	21.7	14.4	8.4	4.2	0.0
-67.5°	33.1	25.9	19.0	12.4	7.6	3.8	0.0
-70°	28.6	22.3	16.2	10.3	6.8	3.4	0.0
-72.5°	24.2	18.7	13.3	8.9	5.9	3.0	0.0
-75°	19.7	15.0	10.4	7.7	5.1	2.6	0.0
-77.5°	15.1	11.2	8.5	6.4	4.3	2.1	0.0
-80°	10.5	8.5	6.8	5.1	3.4	1.7	0.0
-82.5°	7.7	6.4	5.1	3.9	2.6	1.3	0.0
-85°	5.1	4.3	3.4	2.6	1.7	0.9	0.0
-87.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)