

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: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-940-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559060 (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-SA5C-940-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (80) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

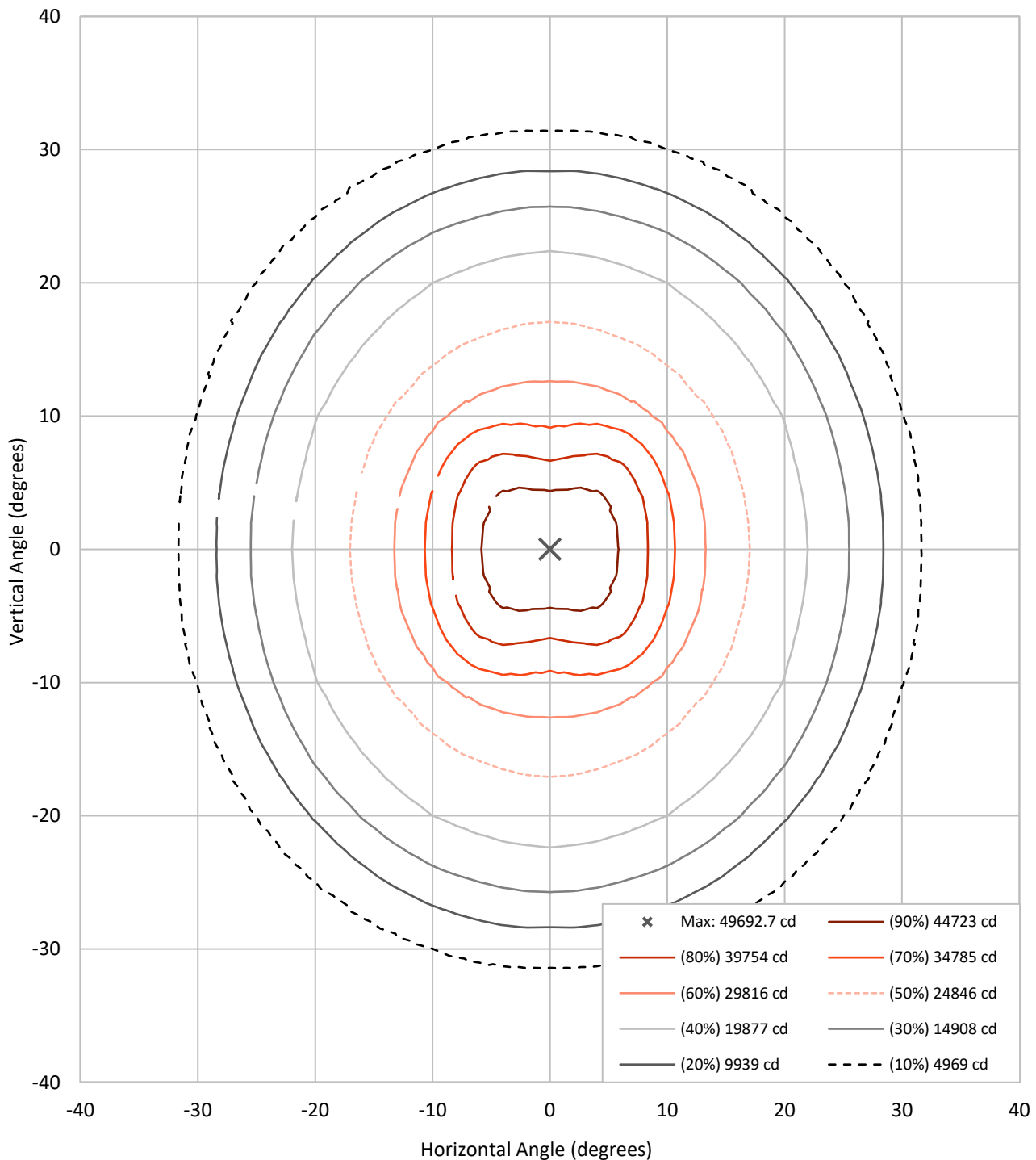
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	21982.6 lumens	Max Intensity:	49692.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	9363.2 lumens	Field Lumens:	19136.5 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 201
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: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-940-U-MR-XX

Iso-Candela Plot





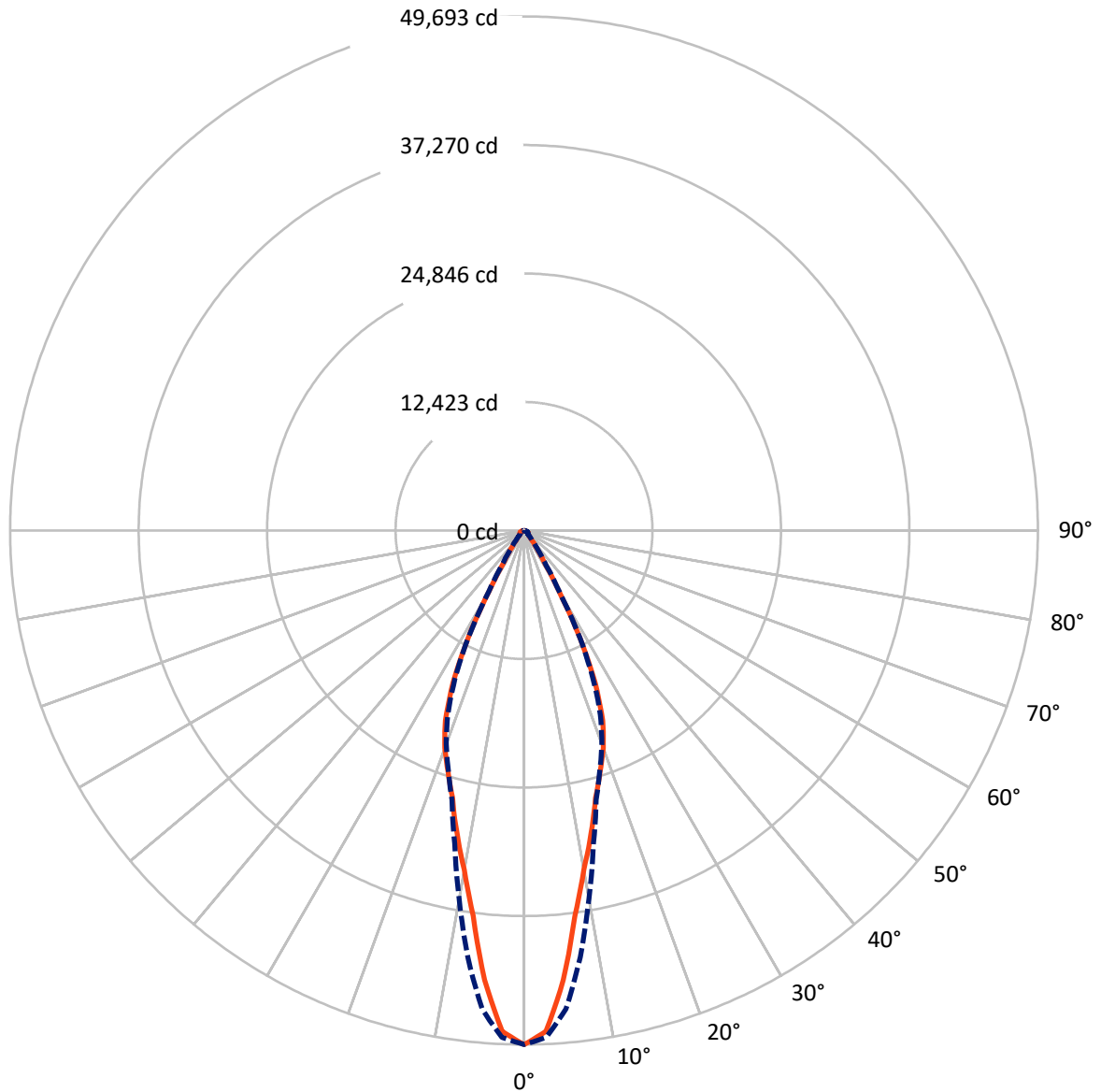
REPORT NUMBER: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-MR-XX

Lumen Table

90																
80	0.3	2.4		6.8		11.2		13.1		11.2		6.8		2.4		0.3
70																
60	1.1	1.3	2.8	4.8	7.1	9.1	10.7	11.6	11.6	10.7	9.1	7.1	4.8	2.8	1.3	1.1
50		2.1	4.5	7.8	10.6	12.0	12.7	13.0	13.0	12.7	12.0	10.6	7.8	4.5	2.1	
40	2.1	2.9	6.2	9.4	10.9	13.5	17.4	20.0	20.0	17.4	13.5	10.9	9.4	6.2	2.9	2.1
30		3.6	7.3	9.4	14.2	28.0	53.3	81.4	81.4	53.3	28.0	14.2	9.4	7.3	3.6	
20	2.9	4.2	7.5	10.5	25.8	85.5	269.0	442.8	442.8	269.0	85.5	25.8	10.5	7.5	4.2	2.9
10		4.6	7.5	13.0	48.1	253.5	599.1	793.5	793.5	599.1	253.5	48.1	13.0	7.5	4.6	
0	3.1	4.8	7.5	15.0	73.0	399.4	779.2	1229.6	1229.6	779.2	399.4	73.0	15.0	7.5	4.8	3.1
-10		4.8	7.5	15.0	73.0	399.4	779.2	1229.6	1229.6	779.2	399.4	73.0	15.0	7.5	4.8	
-20	2.9	4.6	7.5	13.0	48.1	253.5	599.1	793.5	793.5	599.1	253.5	48.1	13.0	7.5	4.6	2.9
-30		4.2	7.5	10.5	25.8	85.5	269.0	442.8	442.8	269.0	85.5	25.8	10.5	7.5	4.2	
-40	2.1	3.6	7.3	9.4	14.2	28.0	53.3	81.4	81.4	53.3	28.0	14.2	9.4	7.3	3.6	2.1
-50		2.9	6.2	9.4	10.9	13.5	17.4	20.0	20.0	17.4	13.5	10.9	9.4	6.2	2.9	
-60	1.1	2.1	4.5	7.8	10.6	12.0	12.7	13.0	13.0	12.7	12.0	10.6	7.8	4.5	2.1	1.1
-70		1.3	2.8	4.8	7.1	9.1	10.7	11.6	11.6	10.7	9.1	7.1	4.8	2.8	1.3	
-80																
-90	0.3	2.4		6.8		11.2		13.1		11.2		6.8		2.4		0.3

REPORT NUMBER: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-940-U-MR-XX

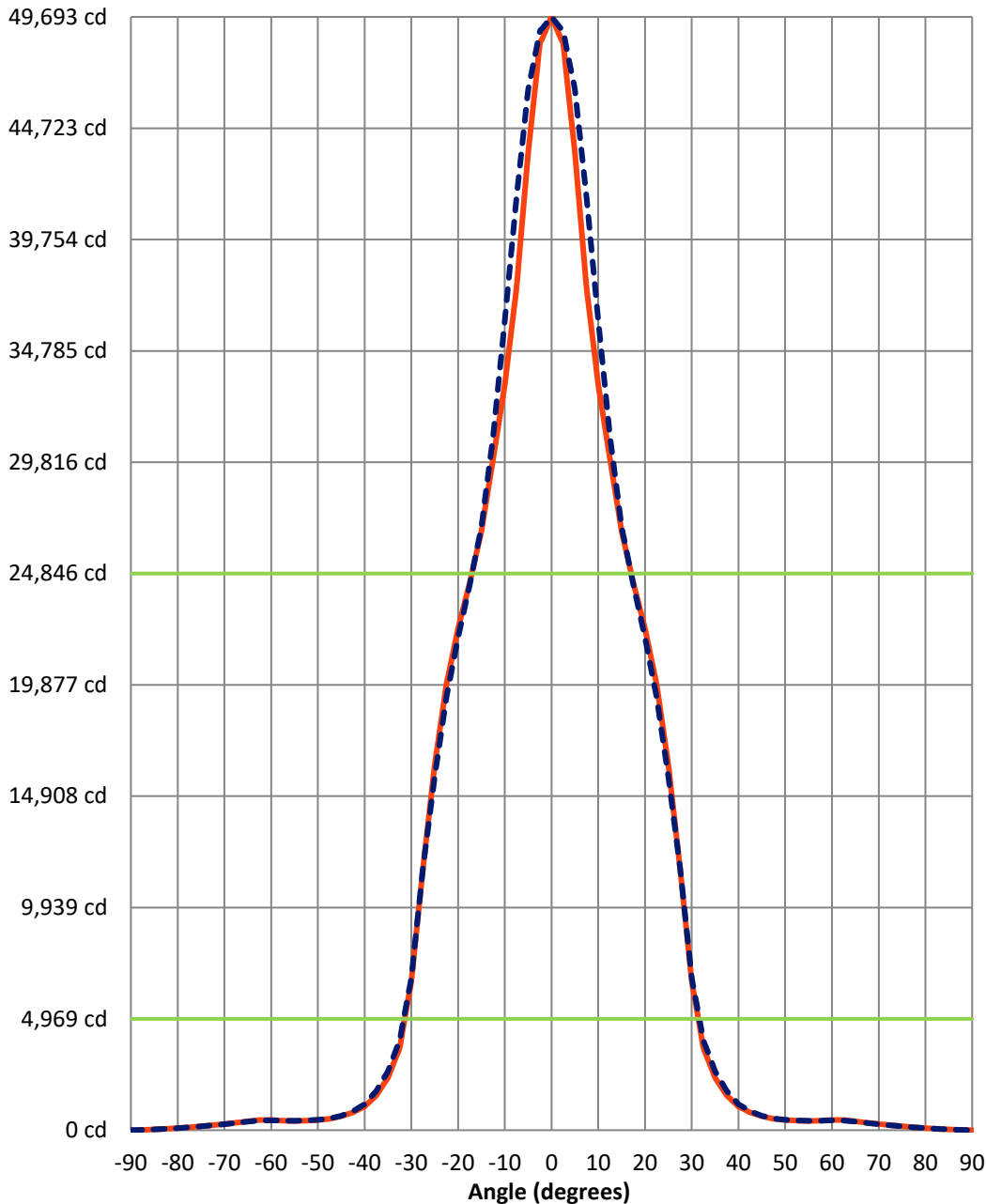
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-MR-XX

Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 9363.2
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 19136.5
 Efficiency: 87.1%

Spill:
 Lumens: 2846.1
 Efficiency: 12.9%

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



REPORT NUMBER: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.3
85°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.6	8.6	9.6	10.6
82.5°	0.0	1.6	3.3	4.9	6.5	8.2	9.8	11.3	13.1	15.7	18.2
80°	0.0	2.2	4.4	6.5	8.7	10.9	13.3	17.1	20.6	24.0	27.1
77.5°	0.0	2.7	5.4	8.2	10.9	14.3	19.2	23.8	28.1	32.2	36.3
75°	0.0	3.3	6.5	9.8	13.3	19.0	25.0	30.5	35.6	41.1	46.7
72.5°	0.0	3.8	7.6	11.3	17.0	23.7	30.7	37.2	43.6	50.2	57.0
70°	0.0	4.3	8.6	13.1	20.6	28.3	36.4	44.0	51.5	59.3	69.2
67.5°	0.0	4.8	9.6	15.7	24.1	32.8	42.0	50.6	59.3	70.6	81.8
65°	0.0	5.3	10.6	18.3	27.6	37.5	47.7	57.1	69.2	81.8	95.2
62.5°	0.0	5.8	11.6	20.8	31.0	42.3	53.3	65.1	79.1	93.5	110.7
60°	0.0	6.3	12.6	23.2	34.3	47.0	58.8	73.5	88.7	107.1	125.9
57.5°	0.0	6.8	14.2	25.6	38.1	51.7	65.7	81.7	100.1	120.5	141.4
55°	0.0	7.2	15.7	27.9	41.8	56.3	72.7	89.8	111.7	133.7	156.7
52.5°	0.0	7.7	17.3	30.1	45.5	61.0	79.4	99.5	123.0	146.8	171.4
50°	0.0	8.1	18.7	32.3	49.1	66.4	86.0	109.0	133.9	159.3	186.9
47.5°	0.0	8.5	20.2	34.5	52.5	71.7	92.5	118.1	144.5	171.3	202.2
45°	0.0	8.9	21.6	37.0	55.9	76.8	99.9	126.7	154.6	184.7	217.1
42.5°	0.0	9.3	22.9	39.4	59.2	81.6	106.9	135.1	164.4	197.8	232.5
40°	0.0	9.7	24.2	41.8	62.6	86.3	113.5	143.3	174.3	210.4	247.3
37.5°	0.0	10.0	25.4	44.1	66.2	90.7	119.7	151.1	185.0	222.5	261.5
35°	0.0	10.3	26.6	46.2	69.5	95.4	125.5	158.6	195.0	234.4	275.2
32.5°	0.0	10.6	27.7	48.1	72.7	99.9	131.1	165.6	204.4	245.6	288.2
30°	0.0	10.9	28.8	49.9	75.6	104.1	136.7	172.5	213.1	256.0	300.4
27.5°	0.0	11.2	29.8	51.6	78.2	108.0	141.9	179.5	221.3	265.7	311.7
25°	0.0	11.4	30.7	53.0	80.4	111.6	146.7	186.0	229.2	274.9	322.2
22.5°	0.0	11.6	31.6	54.3	82.5	114.7	151.2	191.8	236.3	283.4	332.7
20°	0.0	11.8	32.4	55.5	84.4	117.3	155.2	197.1	242.8	291.0	342.0
17.5°	0.0	12.0	33.1	56.4	86.0	119.7	158.7	201.7	248.5	297.8	350.2
15°	0.0	12.2	33.7	57.3	87.3	121.7	161.8	205.7	253.4	303.6	357.3
12.5°	0.0	12.3	34.3	57.9	88.5	123.3	164.5	209.2	257.5	308.6	363.2
10°	0.0	12.4	34.7	58.4	89.4	124.7	166.7	212.0	260.8	313.1	368.5
7.5°	0.0	12.5	35.1	58.8	90.1	125.6	168.4	214.2	263.2	316.8	373.9
5°	0.0	12.6	35.4	59.0	90.5	126.3	169.7	215.8	264.8	319.6	378.3
2.5°	0.0	12.6	35.7	59.1	90.7	126.6	170.4	216.8	265.6	321.6	381.5
0°	0.0	12.6	35.8	59.0	90.6	126.5	170.7	217.1	265.6	322.5	383.6
-2.5°	0.0	12.6	35.7	59.1	90.7	126.6	170.4	216.8	265.6	321.6	381.5
-5°	0.0	12.6	35.4	59.0	90.5	126.3	169.7	215.8	264.8	319.6	378.3
-7.5°	0.0	12.5	35.1	58.8	90.1	125.6	168.4	214.2	263.2	316.8	373.9
-10°	0.0	12.4	34.7	58.4	89.4	124.7	166.7	212.0	260.8	313.1	368.5
-12.5°	0.0	12.3	34.3	57.9	88.5	123.3	164.5	209.2	257.5	308.6	363.2
-15°	0.0	12.2	33.7	57.3	87.3	121.7	161.8	205.7	253.4	303.6	357.3
-17.5°	0.0	12.0	33.1	56.4	86.0	119.7	158.7	201.7	248.5	297.8	350.2
-20°	0.0	11.8	32.4	55.5	84.4	117.3	155.2	197.1	242.8	291.0	342.0



REPORT NUMBER: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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	11.6	31.6	54.3	82.5	114.7	151.2	191.8	236.3	283.4	332.7
-25°	0.0	11.4	30.7	53.0	80.4	111.6	146.7	186.0	229.2	274.9	322.2
-27.5°	0.0	11.2	29.8	51.6	78.2	108.0	141.9	179.5	221.3	265.7	311.7
-30°	0.0	10.9	28.8	49.9	75.6	104.1	136.7	172.5	213.1	256.0	300.4
-32.5°	0.0	10.6	27.7	48.1	72.7	99.9	131.1	165.6	204.4	245.6	288.2
-35°	0.0	10.3	26.6	46.2	69.5	95.4	125.5	158.6	195.0	234.4	275.2
-37.5°	0.0	10.0	25.4	44.1	66.2	90.7	119.7	151.1	185.0	222.5	261.5
-40°	0.0	9.7	24.2	41.8	62.6	86.3	113.5	143.3	174.3	210.4	247.3
-42.5°	0.0	9.3	22.9	39.4	59.2	81.6	106.9	135.1	164.4	197.8	232.5
-45°	0.0	8.9	21.6	37.0	55.9	76.8	99.9	126.7	154.6	184.7	217.1
-47.5°	0.0	8.5	20.2	34.5	52.5	71.7	92.5	118.1	144.5	171.3	202.2
-50°	0.0	8.1	18.7	32.3	49.1	66.4	86.0	109.0	133.9	159.3	186.9
-52.5°	0.0	7.7	17.3	30.1	45.5	61.0	79.4	99.5	123.0	146.8	171.4
-55°	0.0	7.2	15.7	27.9	41.8	56.3	72.7	89.8	111.7	133.7	156.7
-57.5°	0.0	6.8	14.2	25.6	38.1	51.7	65.7	81.7	100.1	120.5	141.4
-60°	0.0	6.3	12.6	23.2	34.3	47.0	58.8	73.5	88.7	107.1	125.9
-62.5°	0.0	5.8	11.6	20.8	31.0	42.3	53.3	65.1	79.1	93.5	110.7
-65°	0.0	5.3	10.6	18.3	27.6	37.5	47.7	57.1	69.2	81.8	95.2
-67.5°	0.0	4.8	9.6	15.7	24.1	32.8	42.0	50.6	59.3	70.6	81.8
-70°	0.0	4.3	8.6	13.1	20.6	28.3	36.4	44.0	51.5	59.3	69.2
-72.5°	0.0	3.8	7.6	11.3	17.0	23.7	30.7	37.2	43.6	50.2	57.0
-75°	0.0	3.3	6.5	9.8	13.3	19.0	25.0	30.5	35.6	41.1	46.7
-77.5°	0.0	2.7	5.4	8.2	10.9	14.3	19.2	23.8	28.1	32.2	36.3
-80°	0.0	2.2	4.4	6.5	8.7	10.9	13.3	17.1	20.6	24.0	27.1
-82.5°	0.0	1.6	3.3	4.9	6.5	8.2	9.8	11.3	13.1	15.7	18.2
-85°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.6	8.6	9.6	10.6
-87.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	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: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	5.8	6.3	6.8	7.2	7.7	8.1	8.5	8.9	9.3	9.7	10.0
85°	11.6	12.6	14.2	15.7	17.1	18.3	19.4	20.5	21.6	22.7	23.7
82.5°	20.7	23.1	25.4	27.7	29.6	31.2	32.9	35.1	37.8	40.3	42.7
80°	30.3	33.5	37.5	41.5	45.2	48.7	52.3	55.8	59.4	63.1	66.9
77.5°	41.3	46.4	51.7	56.9	62.1	68.0	73.9	79.7	85.0	89.7	94.0
75°	52.8	59.2	66.9	74.8	82.5	89.9	97.4	105.5	112.7	119.1	125.2
72.5°	65.4	74.7	84.0	93.4	103.9	114.0	123.7	133.1	141.8	149.9	157.9
70°	79.4	90.1	102.6	115.2	127.3	138.9	150.2	160.8	170.9	181.4	192.7
67.5°	93.7	108.4	122.8	137.1	151.3	164.4	176.8	190.5	204.0	217.3	230.1
65°	110.8	127.0	143.6	159.9	175.5	191.4	207.2	222.8	238.7	253.8	268.0
62.5°	127.7	146.5	164.9	183.0	201.4	219.4	238.0	256.3	274.0	292.4	310.0
60°	145.6	166.1	186.3	206.6	227.3	248.9	269.5	291.0	312.7	333.5	353.6
57.5°	163.3	185.6	207.6	230.6	254.7	278.5	303.0	327.1	352.0	375.7	396.4
55°	180.6	204.6	229.4	255.8	282.3	309.6	336.9	365.0	391.7	411.7	430.4
52.5°	197.9	223.7	252.2	280.9	310.3	340.9	372.8	399.9	422.1	439.2	443.3
50°	214.9	244.4	274.6	306.0	338.6	373.3	403.7	428.2	440.7	445.5	443.0
47.5°	232.9	264.6	297.0	330.9	367.3	400.4	429.1	441.6	447.6	441.1	433.1
45°	250.7	284.7	318.9	356.2	392.6	423.9	440.0	448.9	440.9	433.1	427.6
42.5°	267.8	304.2	341.7	380.1	414.0	436.1	446.3	441.2	434.3	428.3	430.3
40°	284.9	323.0	364.0	400.1	430.7	441.9	440.2	433.9	429.9	432.5	441.1
37.5°	301.2	342.7	384.6	419.6	436.0	440.6	433.1	429.0	432.0	442.0	461.0
35°	316.7	361.6	401.6	430.8	441.8	434.1	428.7	428.1	439.3	459.6	487.8
32.5°	332.4	379.7	417.4	435.8	437.6	429.0	424.9	434.5	452.3	479.1	526.5
30°	347.7	393.6	429.1	440.2	432.6	425.9	428.3	442.2	466.3	510.7	587.5
27.5°	361.6	406.1	432.9	438.2	428.3	422.8	433.2	454.1	489.3	548.5	658.1
25°	374.3	417.5	436.2	434.2	425.5	424.8	439.0	464.9	513.3	609.1	759.2
22.5°	384.8	428.0	439.3	430.4	422.6	428.2	448.1	484.0	548.8	666.3	864.7
20°	393.3	430.5	438.7	426.9	419.8	431.0	456.1	502.8	596.6	755.6	983.5
17.5°	401.0	432.8	435.8	424.5	421.5	435.4	464.6	519.5	639.0	832.4	1097.7
15°	407.9	434.9	432.9	422.5	423.5	441.3	478.3	551.1	689.9	904.8	1200.2
12.5°	413.8	436.6	430.3	420.8	425.0	446.3	489.9	579.8	740.2	983.4	1364.5
10°	418.8	438.0	427.8	419.4	426.1	450.2	499.4	602.5	778.9	1050.0	1502.5
7.5°	423.3	439.1	425.8	418.3	426.6	453.1	506.6	619.2	806.4	1103.5	1605.7
5°	426.7	439.9	424.6	417.8	428.1	456.2	511.9	630.0	823.2	1142.4	1674.8
2.5°	428.9	440.4	423.9	417.5	430.3	460.5	516.4	639.1	838.1	1161.7	1723.9
0°	430.0	440.5	423.7	417.4	432.1	463.7	518.5	642.9	845.2	1161.4	1753.7
-2.5°	428.9	440.4	423.9	417.5	430.3	460.5	516.4	639.1	838.1	1161.7	1723.9
-5°	426.7	439.9	424.6	417.8	428.1	456.2	511.9	630.0	823.2	1142.4	1674.8
-7.5°	423.3	439.1	425.8	418.3	426.6	453.1	506.6	619.2	806.4	1103.5	1605.7
-10°	418.8	438.0	427.8	419.4	426.1	450.2	499.4	602.5	778.9	1050.0	1502.5
-12.5°	413.8	436.6	430.3	420.8	425.0	446.3	489.9	579.8	740.2	983.4	1364.5
-15°	407.9	434.9	432.9	422.5	423.5	441.3	478.3	551.1	689.9	904.8	1200.2
-17.5°	401.0	432.8	435.8	424.5	421.5	435.4	464.6	519.5	639.0	832.4	1097.7
-20°	393.3	430.5	438.7	426.9	419.8	431.0	456.1	502.8	596.6	755.6	983.5



REPORT NUMBER: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	384.8	428.0	439.3	430.4	422.6	428.2	448.1	484.0	548.8	666.3	864.7
-25°	374.3	417.5	436.2	434.2	425.5	424.8	439.0	464.9	513.3	609.1	759.2
-27.5°	361.6	406.1	432.9	438.2	428.3	422.8	433.2	454.1	489.3	548.5	658.1
-30°	347.7	393.6	429.1	440.2	432.6	425.9	428.3	442.2	466.3	510.7	587.5
-32.5°	332.4	379.7	417.4	435.8	437.6	429.0	424.9	434.5	452.3	479.1	526.5
-35°	316.7	361.6	401.6	430.8	441.8	434.1	428.7	428.1	439.3	459.6	487.8
-37.5°	301.2	342.7	384.6	419.6	436.0	440.6	433.1	429.0	432.0	442.0	461.0
-40°	284.9	323.0	364.0	400.1	430.7	441.9	440.2	433.9	429.9	432.5	441.1
-42.5°	267.8	304.2	341.7	380.1	414.0	436.1	446.3	441.2	434.3	428.3	430.3
-45°	250.7	284.7	318.9	356.2	392.6	423.9	440.0	448.9	440.9	433.1	427.6
-47.5°	232.9	264.6	297.0	330.9	367.3	400.4	429.1	441.6	447.6	441.1	433.1
-50°	214.9	244.4	274.6	306.0	338.6	373.3	403.7	428.2	440.7	445.5	443.0
-52.5°	197.9	223.7	252.2	280.9	310.3	340.9	372.8	399.9	422.1	439.2	443.3
-55°	180.6	204.6	229.4	255.8	282.3	309.6	336.9	365.0	391.7	411.7	430.4
-57.5°	163.3	185.6	207.6	230.6	254.7	278.5	303.0	327.1	352.0	375.7	396.4
-60°	145.6	166.1	186.3	206.6	227.3	248.9	269.5	291.0	312.7	333.5	353.6
-62.5°	127.7	146.5	164.9	183.0	201.4	219.4	238.0	256.3	274.0	292.4	310.0
-65°	110.8	127.0	143.6	159.9	175.5	191.4	207.2	222.8	238.7	253.8	268.0
-67.5°	93.7	108.4	122.8	137.1	151.3	164.4	176.8	190.5	204.0	217.3	230.1
-70°	79.4	90.1	102.6	115.2	127.3	138.9	150.2	160.8	170.9	181.4	192.7
-72.5°	65.4	74.7	84.0	93.4	103.9	114.0	123.7	133.1	141.8	149.9	157.9
-75°	52.8	59.2	66.9	74.8	82.5	89.9	97.4	105.5	112.7	119.1	125.2
-77.5°	41.3	46.4	51.7	56.9	62.1	68.0	73.9	79.7	85.0	89.7	94.0
-80°	30.3	33.5	37.5	41.5	45.2	48.7	52.3	55.8	59.4	63.1	66.9
-82.5°	20.7	23.1	25.4	27.7	29.6	31.2	32.9	35.1	37.8	40.3	42.7
-85°	11.6	12.6	14.2	15.7	17.1	18.3	19.4	20.5	21.6	22.7	23.7
-87.5°	5.8	6.3	6.8	7.2	7.7	8.1	8.5	8.9	9.3	9.7	10.0
-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: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	10.3	10.2	10.0	9.8	9.5	9.7	9.9	10.0	10.1	10.8	11.4
85°	24.7	25.8	27.0	28.1	29.3	30.2	30.9	31.5	32.1	32.6	33.0
82.5°	45.0	47.4	49.6	51.6	53.3	54.8	56.1	57.3	58.3	59.1	59.8
80°	70.3	73.4	76.2	78.6	80.8	82.7	84.3	85.6	86.6	88.7	90.7
77.5°	98.4	102.8	106.8	110.5	113.9	117.2	120.2	123.0	125.5	127.4	128.8
75°	130.9	136.5	142.1	147.2	151.9	156.6	161.3	165.6	169.4	172.0	173.9
72.5°	166.0	173.5	180.2	186.7	192.5	198.3	204.1	209.4	214.0	217.5	220.3
70°	203.4	213.1	221.0	228.3	235.6	243.0	250.1	256.3	261.7	266.1	269.7
67.5°	242.2	253.3	263.3	272.9	282.6	291.7	300.3	308.4	315.7	321.4	325.1
65°	281.9	296.2	309.2	321.1	331.8	342.1	352.9	362.9	371.9	379.3	385.1
62.5°	326.7	342.9	357.7	371.0	383.0	392.5	402.8	412.2	420.6	428.4	436.2
60°	372.7	390.7	403.7	415.0	425.3	434.5	438.1	441.5	444.3	446.9	449.9
57.5°	412.7	428.1	439.3	441.9	444.2	446.2	444.9	441.3	437.5	433.8	430.9
55°	440.6	445.0	449.9	446.1	439.9	434.1	429.1	425.5	422.3	419.3	416.7
52.5°	448.0	443.8	438.5	432.8	428.6	424.2	419.8	420.6	421.9	422.9	423.5
50°	437.1	432.1	429.3	426.1	426.7	428.9	430.6	434.8	440.0	443.7	446.8
47.5°	428.7	425.5	429.6	435.0	439.9	449.0	457.0	464.9	477.2	486.9	494.6
45°	426.4	434.3	442.6	455.7	467.2	487.2	505.9	521.6	550.7	577.4	598.3
42.5°	438.4	452.2	467.2	492.6	520.1	555.4	600.6	638.8	683.7	725.5	755.8
40°	458.3	478.6	512.3	553.2	617.5	674.5	749.5	813.7	874.0	937.8	985.8
37.5°	486.9	524.7	587.8	661.4	758.9	852.4	955.8	1056.2	1141.7	1271.0	1372.3
35°	529.4	605.8	695.4	818.5	945.7	1089.1	1240.2	1434.9	1606.4	1807.5	1996.7
32.5°	606.8	710.3	850.8	1017.2	1186.3	1433.7	1667.2	1983.5	2267.8	2622.6	3004.2
30°	697.4	851.8	1040.6	1257.8	1564.0	1904.5	2288.2	2773.5	3350.1	4036.7	4958.0
27.5°	822.3	1020.5	1257.9	1610.2	2044.5	2500.6	3181.2	3996.9	5483.4	6778.9	8495.8
25°	956.7	1198.7	1574.3	2047.6	2619.2	3440.7	4771.2	6468.5	8872.7	11171.5	13009.3
22.5°	1111.6	1465.3	1939.4	2528.5	3453.5	5044.0	7109.7	10098.9	12779.8	15098.4	16884.0
20°	1283.2	1726.8	2363.9	3264.1	4839.5	7168.9	10485.1	13552.8	16291.0	18287.0	19864.6
17.5°	1505.4	2084.9	2893.3	4135.4	6553.5	10142.9	13561.6	16593.8	18976.3	20729.9	22128.5
15°	1712.9	2414.6	3462.2	5581.5	8881.8	12718.2	16222.5	18927.3	20989.1	22620.9	23878.3
12.5°	1957.8	2784.9	4127.2	6830.8	11022.8	14842.8	18111.7	20637.4	22622.8	24152.5	25837.8
10°	2176.0	3183.3	5080.0	8495.6	12781.1	16512.6	19687.0	21956.9	23947.7	25941.1	28468.2
7.5°	2356.1	3517.7	5861.4	9900.3	14131.0	17747.8	20639.7	22907.7	25101.9	27764.1	31409.2
5°	2499.1	3769.8	6504.3	10960.8	15112.3	18629.3	21367.2	23666.3	26144.6	29705.9	34597.5
2.5°	2594.7	3935.0	6906.1	11601.4	15731.3	19134.9	21906.6	24162.3	26760.8	30793.1	35903.5
0°	2632.7	4011.2	6804.2	11717.6	15768.9	19299.5	21987.0	24347.8	26936.3	30974.9	36143.4
-2.5°	2594.7	3935.0	6906.1	11601.4	15731.3	19134.9	21906.6	24162.3	26760.8	30793.1	35903.5
-5°	2499.1	3769.8	6504.3	10960.8	15112.3	18629.3	21367.2	23666.3	26144.6	29705.9	34597.5
-7.5°	2356.1	3517.7	5861.4	9900.3	14131.0	17747.8	20639.7	22907.7	25101.9	27764.1	31409.2
-10°	2176.0	3183.3	5080.0	8495.6	12781.1	16512.6	19687.0	21956.9	23947.7	25941.1	28468.2
-12.5°	1957.8	2784.9	4127.2	6830.8	11022.8	14842.8	18111.7	20637.4	22622.8	24152.5	25837.8
-15°	1712.9	2414.6	3462.2	5581.5	8881.8	12718.2	16222.5	18927.3	20989.1	22620.9	23878.3
-17.5°	1505.4	2084.9	2893.3	4135.4	6553.5	10142.9	13561.6	16593.8	18976.3	20729.9	22128.5
-20°	1283.2	1726.8	2363.9	3264.1	4839.5	7168.9	10485.1	13552.8	16291.0	18287.0	19864.6



REPORT NUMBER: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1111.6	1465.3	1939.4	2528.5	3453.5	5044.0	7109.7	10098.9	12779.8	15098.4	16884.0
-25°	956.7	1198.7	1574.3	2047.6	2619.2	3440.7	4771.2	6468.5	8872.7	11171.5	13009.3
-27.5°	822.3	1020.5	1257.9	1610.2	2044.5	2500.6	3181.2	3996.9	5483.4	6778.9	8495.8
-30°	697.4	851.8	1040.6	1257.8	1564.0	1904.5	2288.2	2773.5	3350.1	4036.7	4958.0
-32.5°	606.8	710.3	850.8	1017.2	1186.3	1433.7	1667.2	1983.5	2267.8	2622.6	3004.2
-35°	529.4	605.8	695.4	818.5	945.7	1089.1	1240.2	1434.9	1606.4	1807.5	1996.7
-37.5°	486.9	524.7	587.8	661.4	758.9	852.4	955.8	1056.2	1141.7	1271.0	1372.3
-40°	458.3	478.6	512.3	553.2	617.5	674.5	749.5	813.7	874.0	937.8	985.8
-42.5°	438.4	452.2	467.2	492.6	520.1	555.4	600.6	638.8	683.7	725.5	755.8
-45°	426.4	434.3	442.6	455.7	467.2	487.2	505.9	521.6	550.7	577.4	598.3
-47.5°	428.7	425.5	429.6	435.0	439.9	449.0	457.0	464.9	477.2	486.9	494.6
-50°	437.1	432.1	429.3	426.1	426.7	428.9	430.6	434.8	440.0	443.7	446.8
-52.5°	448.0	443.8	438.5	432.8	428.6	424.2	419.8	420.6	421.9	422.9	423.5
-55°	440.6	445.0	449.9	446.1	439.9	434.1	429.1	425.5	422.3	419.3	416.7
-57.5°	412.7	428.1	439.3	441.9	444.2	446.2	444.9	441.3	437.5	433.8	430.9
-60°	372.7	390.7	403.7	415.0	425.3	434.5	438.1	441.5	444.3	446.9	449.9
-62.5°	326.7	342.9	357.7	371.0	383.0	392.5	402.8	412.2	420.6	428.4	436.2
-65°	281.9	296.2	309.2	321.1	331.8	342.1	352.9	362.9	371.9	379.3	385.1
-67.5°	242.2	253.3	263.3	272.9	282.6	291.7	300.3	308.4	315.7	321.4	325.1
-70°	203.4	213.1	221.0	228.3	235.6	243.0	250.1	256.3	261.7	266.1	269.7
-72.5°	166.0	173.5	180.2	186.7	192.5	198.3	204.1	209.4	214.0	217.5	220.3
-75°	130.9	136.5	142.1	147.2	151.9	156.6	161.3	165.6	169.4	172.0	173.9
-77.5°	98.4	102.8	106.8	110.5	113.9	117.2	120.2	123.0	125.5	127.4	128.8
-80°	70.3	73.4	76.2	78.6	80.8	82.7	84.3	85.6	86.6	88.7	90.7
-82.5°	45.0	47.4	49.6	51.6	53.3	54.8	56.1	57.3	58.3	59.1	59.8
-85°	24.7	25.8	27.0	28.1	29.3	30.2	30.9	31.5	32.1	32.6	33.0
-87.5°	10.3	10.2	10.0	9.8	9.5	9.7	9.9	10.0	10.1	10.8	11.4
-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: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	12.0	12.6	12.6	12.6	12.6	12.6	12.0	11.4	10.8	10.1	10.0
85°	33.3	33.5	34.7	35.8	34.7	33.5	33.3	33.0	32.6	32.1	31.5
82.5°	60.4	60.8	61.0	61.1	61.0	60.8	60.4	59.8	59.1	58.3	57.3
80°	92.6	94.3	93.7	92.7	93.7	94.3	92.6	90.7	88.7	86.6	85.6
77.5°	129.6	130.0	129.5	128.6	129.5	130.0	129.6	128.8	127.4	125.5	123.0
75°	175.2	176.1	176.8	177.1	176.8	176.1	175.2	173.9	172.0	169.4	165.6
72.5°	222.5	224.2	224.2	223.4	224.2	224.2	222.5	220.3	217.5	214.0	209.4
70°	272.5	274.5	275.7	276.1	275.7	274.5	272.5	269.7	266.1	261.7	256.3
67.5°	327.7	329.1	330.4	330.9	330.4	329.1	327.7	325.1	321.4	315.7	308.4
65°	389.8	393.5	394.7	394.2	394.7	393.5	389.8	385.1	379.3	371.9	362.9
62.5°	443.4	449.8	452.5	453.2	452.5	449.8	443.4	436.2	428.4	420.6	412.2
60°	452.5	454.7	455.3	455.3	455.3	454.7	452.5	449.9	446.9	444.3	441.5
57.5°	428.0	425.6	424.1	423.7	424.1	425.6	428.0	430.9	433.8	437.5	441.3
55°	414.4	412.2	411.2	411.0	411.2	412.2	414.4	416.7	419.3	422.3	425.5
52.5°	423.7	423.4	424.3	425.8	424.3	423.4	423.7	423.5	422.9	421.9	420.6
50°	449.5	451.4	453.4	455.3	453.4	451.4	449.5	446.8	443.7	440.0	434.8
47.5°	500.2	503.1	504.9	505.9	504.9	503.1	500.2	494.6	486.9	477.2	464.9
45°	611.9	619.3	622.8	623.9	622.8	619.3	611.9	598.3	577.4	550.7	521.6
42.5°	775.9	786.9	791.7	792.6	791.7	786.9	775.9	755.8	725.5	683.7	638.8
40°	1020.2	1039.8	1049.2	1056.0	1049.2	1039.8	1020.2	985.8	937.8	874.0	813.7
37.5°	1448.1	1497.3	1525.2	1549.3	1525.2	1497.3	1448.1	1372.3	1271.0	1141.7	1056.2
35°	2150.5	2263.2	2329.5	2343.9	2329.5	2263.2	2150.5	1996.7	1807.5	1606.4	1434.9
32.5°	3298.0	3519.0	3651.2	3667.7	3651.2	3519.0	3298.0	3004.2	2622.6	2267.8	1983.5
30°	5673.2	6292.6	6717.1	6658.7	6717.1	6292.6	5673.2	4958.0	4036.7	3350.1	2773.5
27.5°	9902.3	11025.5	11755.1	11694.4	11755.1	11025.5	9902.3	8495.8	6778.9	5483.4	3996.9
25°	14422.2	15456.1	16066.3	16291.6	16066.3	15456.1	14422.2	13009.3	11171.5	8872.7	6468.5
22.5°	18113.2	19037.5	19565.3	19881.3	19565.3	19037.5	18113.2	16884.0	15098.4	12779.8	10098.9
20°	20941.2	21742.7	22196.8	22391.7	22196.8	21742.7	20941.2	19864.6	18287.0	16291.0	13552.8
17.5°	23116.8	23787.8	24301.9	24434.2	24301.9	23787.8	23116.8	22128.5	20729.9	18976.3	16593.8
15°	25041.2	25908.0	26514.2	26740.2	26514.2	25908.0	25041.2	23878.3	22620.9	20989.1	18927.3
12.5°	27467.9	28975.1	29776.3	29961.0	29776.3	28975.1	27467.9	25837.8	24152.5	22622.8	20637.4
10°	31054.7	33371.4	33633.9	33274.6	33633.9	33371.4	31054.7	28468.2	25941.1	23947.7	21956.9
7.5°	36278.6	39367.6	38699.7	37587.3	38699.7	39367.6	36278.6	31409.2	27764.1	25101.9	22907.7
5°	40016.8	44305.7	44438.9	43622.0	44438.9	44305.7	40016.8	34597.5	29705.9	26144.6	23666.3
2.5°	41505.1	45920.0	48117.4	48477.5	48117.4	45920.0	41505.1	35903.5	30793.1	26760.8	24162.3
0°	41616.4	46440.2	49045.6	49692.7	49045.6	46440.2	41616.4	36143.4	30974.9	26936.3	24347.8
-2.5°	41505.1	45920.0	48117.4	48477.5	48117.4	45920.0	41505.1	35903.5	30793.1	26760.8	24162.3
-5°	40016.8	44305.7	44438.9	43622.0	44438.9	44305.7	40016.8	34597.5	29705.9	26144.6	23666.3
-7.5°	36278.6	39367.6	38699.7	37587.3	38699.7	39367.6	36278.6	31409.2	27764.1	25101.9	22907.7
-10°	31054.7	33371.4	33633.9	33274.6	33633.9	33371.4	31054.7	28468.2	25941.1	23947.7	21956.9
-12.5°	27467.9	28975.1	29776.3	29961.0	29776.3	28975.1	27467.9	25837.8	24152.5	22622.8	20637.4
-15°	25041.2	25908.0	26514.2	26740.2	26514.2	25908.0	25041.2	23878.3	22620.9	20989.1	18927.3
-17.5°	23116.8	23787.8	24301.9	24434.2	24301.9	23787.8	23116.8	22128.5	20729.9	18976.3	16593.8
-20°	20941.2	21742.7	22196.8	22391.7	22196.8	21742.7	20941.2	19864.6	18287.0	16291.0	13552.8



REPORT NUMBER: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	18113.2	19037.5	19565.3	19881.3	19565.3	19037.5	18113.2	16884.0	15098.4	12779.8	10098.9
-25°	14422.2	15456.1	16066.3	16291.6	16066.3	15456.1	14422.2	13009.3	11171.5	8872.7	6468.5
-27.5°	9902.3	11025.5	11755.1	11694.4	11755.1	11025.5	9902.3	8495.8	6778.9	5483.4	3996.9
-30°	5673.2	6292.6	6717.1	6658.7	6717.1	6292.6	5673.2	4958.0	4036.7	3350.1	2773.5
-32.5°	3298.0	3519.0	3651.2	3667.7	3651.2	3519.0	3298.0	3004.2	2622.6	2267.8	1983.5
-35°	2150.5	2263.2	2329.5	2343.9	2329.5	2263.2	2150.5	1996.7	1807.5	1606.4	1434.9
-37.5°	1448.1	1497.3	1525.2	1549.3	1525.2	1497.3	1448.1	1372.3	1271.0	1141.7	1056.2
-40°	1020.2	1039.8	1049.2	1056.0	1049.2	1039.8	1020.2	985.8	937.8	874.0	813.7
-42.5°	775.9	786.9	791.7	792.6	791.7	786.9	775.9	755.8	725.5	683.7	638.8
-45°	611.9	619.3	622.8	623.9	622.8	619.3	611.9	598.3	577.4	550.7	521.6
-47.5°	500.2	503.1	504.9	505.9	504.9	503.1	500.2	494.6	486.9	477.2	464.9
-50°	449.5	451.4	453.4	455.3	453.4	451.4	449.5	446.8	443.7	440.0	434.8
-52.5°	423.7	423.4	424.3	425.8	424.3	423.4	423.7	423.5	422.9	421.9	420.6
-55°	414.4	412.2	411.2	411.0	411.2	412.2	414.4	416.7	419.3	422.3	425.5
-57.5°	428.0	425.6	424.1	423.7	424.1	425.6	428.0	430.9	433.8	437.5	441.3
-60°	452.5	454.7	455.3	455.3	455.3	454.7	452.5	449.9	446.9	444.3	441.5
-62.5°	443.4	449.8	452.5	453.2	452.5	449.8	443.4	436.2	428.4	420.6	412.2
-65°	389.8	393.5	394.7	394.2	394.7	393.5	389.8	385.1	379.3	371.9	362.9
-67.5°	327.7	329.1	330.4	330.9	330.4	329.1	327.7	325.1	321.4	315.7	308.4
-70°	272.5	274.5	275.7	276.1	275.7	274.5	272.5	269.7	266.1	261.7	256.3
-72.5°	222.5	224.2	224.2	223.4	224.2	224.2	222.5	220.3	217.5	214.0	209.4
-75°	175.2	176.1	176.8	177.1	176.8	176.1	175.2	173.9	172.0	169.4	165.6
-77.5°	129.6	130.0	129.5	128.6	129.5	130.0	129.6	128.8	127.4	125.5	123.0
-80°	92.6	94.3	93.7	92.7	93.7	94.3	92.6	90.7	88.7	86.6	85.6
-82.5°	60.4	60.8	61.0	61.1	61.0	60.8	60.4	59.8	59.1	58.3	57.3
-85°	33.3	33.5	34.7	35.8	34.7	33.5	33.3	33.0	32.6	32.1	31.5
-87.5°	12.0	12.6	12.6	12.6	12.6	12.6	12.0	11.4	10.8	10.1	10.0
-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: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	9.9	9.7	9.5	9.8	10.0	10.2	10.3	10.0	9.7	9.3	8.9
85°	30.9	30.2	29.3	28.1	27.0	25.8	24.7	23.7	22.7	21.6	20.5
82.5°	56.1	54.8	53.3	51.6	49.6	47.4	45.0	42.7	40.3	37.8	35.1
80°	84.3	82.7	80.8	78.6	76.2	73.4	70.3	66.9	63.1	59.4	55.8
77.5°	120.2	117.2	113.9	110.5	106.8	102.8	98.4	94.0	89.7	85.0	79.7
75°	161.3	156.6	151.9	147.2	142.1	136.5	130.9	125.2	119.1	112.7	105.5
72.5°	204.1	198.3	192.5	186.7	180.2	173.5	166.0	157.9	149.9	141.8	133.1
70°	250.1	243.0	235.6	228.3	221.0	213.1	203.4	192.7	181.4	170.9	160.8
67.5°	300.3	291.7	282.6	272.9	263.3	253.3	242.2	230.1	217.3	204.0	190.5
65°	352.9	342.1	331.8	321.1	309.2	296.2	281.9	268.0	253.8	238.7	222.8
62.5°	402.8	392.5	383.0	371.0	357.7	342.9	326.7	310.0	292.4	274.0	256.3
60°	438.1	434.5	425.3	415.0	403.7	390.7	372.7	353.6	333.5	312.7	291.0
57.5°	444.9	446.2	444.2	441.9	439.3	428.1	412.7	396.4	375.7	352.0	327.1
55°	429.1	434.1	439.9	446.1	449.9	445.0	440.6	430.4	411.7	391.7	365.0
52.5°	419.8	424.2	428.6	432.8	438.5	443.8	448.0	443.3	439.2	422.1	399.9
50°	430.6	428.9	426.7	426.1	429.3	432.1	437.1	443.0	445.5	440.7	428.2
47.5°	457.0	449.0	439.9	435.0	429.6	425.5	428.7	433.1	441.1	447.6	441.6
45°	505.9	487.2	467.2	455.7	442.6	434.3	426.4	427.6	433.1	440.9	448.9
42.5°	600.6	555.4	520.1	492.6	467.2	452.2	438.4	430.3	428.3	434.3	441.2
40°	749.5	674.5	617.5	553.2	512.3	478.6	458.3	441.1	432.5	429.9	433.9
37.5°	955.8	852.4	758.9	661.4	587.8	524.7	486.9	461.0	442.0	432.0	429.0
35°	1240.2	1089.1	945.7	818.5	695.4	605.8	529.4	487.8	459.6	439.3	428.1
32.5°	1667.2	1433.7	1186.3	1017.2	850.8	710.3	606.8	526.5	479.1	452.3	434.5
30°	2288.2	1904.5	1564.0	1257.8	1040.6	851.8	697.4	587.5	510.7	466.3	442.2
27.5°	3181.2	2500.6	2044.5	1610.2	1257.9	1020.5	822.3	658.1	548.5	489.3	454.1
25°	4771.2	3440.7	2619.2	2047.6	1574.3	1198.7	956.7	759.2	609.1	513.3	464.9
22.5°	7109.7	5044.0	3453.5	2528.5	1939.4	1465.3	1111.6	864.7	666.3	548.8	484.0
20°	10485.1	7168.9	4839.5	3264.1	2363.9	1726.8	1283.2	983.5	755.6	596.6	502.8
17.5°	13561.6	10142.9	6553.5	4135.4	2893.3	2084.9	1505.4	1097.7	832.4	639.0	519.5
15°	16222.5	12718.2	8881.8	5581.5	3462.2	2414.6	1712.9	1200.2	904.8	689.9	551.1
12.5°	18111.7	14842.8	11022.8	6830.8	4127.2	2784.9	1957.8	1364.5	983.4	740.2	579.8
10°	19687.0	16512.6	12781.1	8495.6	5080.0	3183.3	2176.0	1502.5	1050.0	778.9	602.5
7.5°	20639.7	17747.8	14131.0	9900.3	5861.4	3517.7	2356.1	1605.7	1103.5	806.4	619.2
5°	21367.2	18629.3	15112.3	10960.8	6504.3	3769.8	2499.1	1674.8	1142.4	823.2	630.0
2.5°	21906.6	19134.9	15731.3	11601.4	6906.1	3935.0	2594.7	1723.9	1161.7	838.1	639.1
0°	21987.0	19299.5	15768.9	11717.6	6804.2	4011.2	2632.7	1753.7	1161.4	845.2	642.9
-2.5°	21906.6	19134.9	15731.3	11601.4	6906.1	3935.0	2594.7	1723.9	1161.7	838.1	639.1
-5°	21367.2	18629.3	15112.3	10960.8	6504.3	3769.8	2499.1	1674.8	1142.4	823.2	630.0
-7.5°	20639.7	17747.8	14131.0	9900.3	5861.4	3517.7	2356.1	1605.7	1103.5	806.4	619.2
-10°	19687.0	16512.6	12781.1	8495.6	5080.0	3183.3	2176.0	1502.5	1050.0	778.9	602.5
-12.5°	18111.7	14842.8	11022.8	6830.8	4127.2	2784.9	1957.8	1364.5	983.4	740.2	579.8
-15°	16222.5	12718.2	8881.8	5581.5	3462.2	2414.6	1712.9	1200.2	904.8	689.9	551.1
-17.5°	13561.6	10142.9	6553.5	4135.4	2893.3	2084.9	1505.4	1097.7	832.4	639.0	519.5
-20°	10485.1	7168.9	4839.5	3264.1	2363.9	1726.8	1283.2	983.5	755.6	596.6	502.8



REPORT NUMBER: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7109.7	5044.0	3453.5	2528.5	1939.4	1465.3	1111.6	864.7	666.3	548.8	484.0
-25°	4771.2	3440.7	2619.2	2047.6	1574.3	1198.7	956.7	759.2	609.1	513.3	464.9
-27.5°	3181.2	2500.6	2044.5	1610.2	1257.9	1020.5	822.3	658.1	548.5	489.3	454.1
-30°	2288.2	1904.5	1564.0	1257.8	1040.6	851.8	697.4	587.5	510.7	466.3	442.2
-32.5°	1667.2	1433.7	1186.3	1017.2	850.8	710.3	606.8	526.5	479.1	452.3	434.5
-35°	1240.2	1089.1	945.7	818.5	695.4	605.8	529.4	487.8	459.6	439.3	428.1
-37.5°	955.8	852.4	758.9	661.4	587.8	524.7	486.9	461.0	442.0	432.0	429.0
-40°	749.5	674.5	617.5	553.2	512.3	478.6	458.3	441.1	432.5	429.9	433.9
-42.5°	600.6	555.4	520.1	492.6	467.2	452.2	438.4	430.3	428.3	434.3	441.2
-45°	505.9	487.2	467.2	455.7	442.6	434.3	426.4	427.6	433.1	440.9	448.9
-47.5°	457.0	449.0	439.9	435.0	429.6	425.5	428.7	433.1	441.1	447.6	441.6
-50°	430.6	428.9	426.7	426.1	429.3	432.1	437.1	443.0	445.5	440.7	428.2
-52.5°	419.8	424.2	428.6	432.8	438.5	443.8	448.0	443.3	439.2	422.1	399.9
-55°	429.1	434.1	439.9	446.1	449.9	445.0	440.6	430.4	411.7	391.7	365.0
-57.5°	444.9	446.2	444.2	441.9	439.3	428.1	412.7	396.4	375.7	352.0	327.1
-60°	438.1	434.5	425.3	415.0	403.7	390.7	372.7	353.6	333.5	312.7	291.0
-62.5°	402.8	392.5	383.0	371.0	357.7	342.9	326.7	310.0	292.4	274.0	256.3
-65°	352.9	342.1	331.8	321.1	309.2	296.2	281.9	268.0	253.8	238.7	222.8
-67.5°	300.3	291.7	282.6	272.9	263.3	253.3	242.2	230.1	217.3	204.0	190.5
-70°	250.1	243.0	235.6	228.3	221.0	213.1	203.4	192.7	181.4	170.9	160.8
-72.5°	204.1	198.3	192.5	186.7	180.2	173.5	166.0	157.9	149.9	141.8	133.1
-75°	161.3	156.6	151.9	147.2	142.1	136.5	130.9	125.2	119.1	112.7	105.5
-77.5°	120.2	117.2	113.9	110.5	106.8	102.8	98.4	94.0	89.7	85.0	79.7
-80°	84.3	82.7	80.8	78.6	76.2	73.4	70.3	66.9	63.1	59.4	55.8
-82.5°	56.1	54.8	53.3	51.6	49.6	47.4	45.0	42.7	40.3	37.8	35.1
-85°	30.9	30.2	29.3	28.1	27.0	25.8	24.7	23.7	22.7	21.6	20.5
-87.5°	9.9	9.7	9.5	9.8	10.0	10.2	10.3	10.0	9.7	9.3	8.9
-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: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	8.5	8.1	7.7	7.2	6.8	6.3	5.8	5.3	4.8	4.3	3.8
85°	19.4	18.3	17.1	15.7	14.2	12.6	11.6	10.6	9.6	8.6	7.6
82.5°	32.9	31.2	29.6	27.7	25.4	23.1	20.7	18.2	15.7	13.1	11.3
80°	52.3	48.7	45.2	41.5	37.5	33.5	30.3	27.1	24.0	20.6	17.1
77.5°	73.9	68.0	62.1	56.9	51.7	46.4	41.3	36.3	32.2	28.1	23.8
75°	97.4	89.9	82.5	74.8	66.9	59.2	52.8	46.7	41.1	35.6	30.5
72.5°	123.7	114.0	103.9	93.4	84.0	74.7	65.4	57.0	50.2	43.6	37.2
70°	150.2	138.9	127.3	115.2	102.6	90.1	79.4	69.2	59.3	51.5	44.0
67.5°	176.8	164.4	151.3	137.1	122.8	108.4	93.7	81.8	70.6	59.3	50.6
65°	207.2	191.4	175.5	159.9	143.6	127.0	110.8	95.2	81.8	69.2	57.1
62.5°	238.0	219.4	201.4	183.0	164.9	146.5	127.7	110.7	93.5	79.1	65.1
60°	269.5	248.9	227.3	206.6	186.3	166.1	145.6	125.9	107.1	88.7	73.5
57.5°	303.0	278.5	254.7	230.6	207.6	185.6	163.3	141.4	120.5	100.1	81.7
55°	336.9	309.6	282.3	255.8	229.4	204.6	180.6	156.7	133.7	111.7	89.8
52.5°	372.8	340.9	310.3	280.9	252.2	223.7	197.9	171.4	146.8	123.0	99.5
50°	403.7	373.3	338.6	306.0	274.6	244.4	214.9	186.9	159.3	133.9	109.0
47.5°	429.1	400.4	367.3	330.9	297.0	264.6	232.9	202.2	171.3	144.5	118.1
45°	440.0	423.9	392.6	356.2	318.9	284.7	250.7	217.1	184.7	154.6	126.7
42.5°	446.3	436.1	414.0	380.1	341.7	304.2	267.8	232.5	197.8	164.4	135.1
40°	440.2	441.9	430.7	400.1	364.0	323.0	284.9	247.3	210.4	174.3	143.3
37.5°	433.1	440.6	436.0	419.6	384.6	342.7	301.2	261.5	222.5	185.0	151.1
35°	428.7	434.1	441.8	430.8	401.6	361.6	316.7	275.2	234.4	195.0	158.6
32.5°	424.9	429.0	437.6	435.8	417.4	379.7	332.4	288.2	245.6	204.4	165.6
30°	428.3	425.9	432.6	440.2	429.1	393.6	347.7	300.4	256.0	213.1	172.5
27.5°	433.2	422.8	428.3	438.2	432.9	406.1	361.6	311.7	265.7	221.3	179.5
25°	439.0	424.8	425.5	434.2	436.2	417.5	374.3	322.2	274.9	229.2	186.0
22.5°	448.1	428.2	422.6	430.4	439.3	428.0	384.8	332.7	283.4	236.3	191.8
20°	456.1	431.0	419.8	426.9	438.7	430.5	393.3	342.0	291.0	242.8	197.1
17.5°	464.6	435.4	421.5	424.5	435.8	432.8	401.0	350.2	297.8	248.5	201.7
15°	478.3	441.3	423.5	422.5	432.9	434.9	407.9	357.3	303.6	253.4	205.7
12.5°	489.9	446.3	425.0	420.8	430.3	436.6	413.8	363.2	308.6	257.5	209.2
10°	499.4	450.2	426.1	419.4	427.8	438.0	418.8	368.5	313.1	260.8	212.0
7.5°	506.6	453.1	426.6	418.3	425.8	439.1	423.3	373.9	316.8	263.2	214.2
5°	511.9	456.2	428.1	417.8	424.6	439.9	426.7	378.3	319.6	264.8	215.8
2.5°	516.4	460.5	430.3	417.5	423.9	440.4	428.9	381.5	321.6	265.6	216.8
0°	518.5	463.7	432.1	417.4	423.7	440.5	430.0	383.6	322.5	265.6	217.1
-2.5°	516.4	460.5	430.3	417.5	423.9	440.4	428.9	381.5	321.6	265.6	216.8
-5°	511.9	456.2	428.1	417.8	424.6	439.9	426.7	378.3	319.6	264.8	215.8
-7.5°	506.6	453.1	426.6	418.3	425.8	439.1	423.3	373.9	316.8	263.2	214.2
-10°	499.4	450.2	426.1	419.4	427.8	438.0	418.8	368.5	313.1	260.8	212.0
-12.5°	489.9	446.3	425.0	420.8	430.3	436.6	413.8	363.2	308.6	257.5	209.2
-15°	478.3	441.3	423.5	422.5	432.9	434.9	407.9	357.3	303.6	253.4	205.7
-17.5°	464.6	435.4	421.5	424.5	435.8	432.8	401.0	350.2	297.8	248.5	201.7
-20°	456.1	431.0	419.8	426.9	438.7	430.5	393.3	342.0	291.0	242.8	197.1



REPORT NUMBER: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	448.1	428.2	422.6	430.4	439.3	428.0	384.8	332.7	283.4	236.3	191.8
-25°	439.0	424.8	425.5	434.2	436.2	417.5	374.3	322.2	274.9	229.2	186.0
-27.5°	433.2	422.8	428.3	438.2	432.9	406.1	361.6	311.7	265.7	221.3	179.5
-30°	428.3	425.9	432.6	440.2	429.1	393.6	347.7	300.4	256.0	213.1	172.5
-32.5°	424.9	429.0	437.6	435.8	417.4	379.7	332.4	288.2	245.6	204.4	165.6
-35°	428.7	434.1	441.8	430.8	401.6	361.6	316.7	275.2	234.4	195.0	158.6
-37.5°	433.1	440.6	436.0	419.6	384.6	342.7	301.2	261.5	222.5	185.0	151.1
-40°	440.2	441.9	430.7	400.1	364.0	323.0	284.9	247.3	210.4	174.3	143.3
-42.5°	446.3	436.1	414.0	380.1	341.7	304.2	267.8	232.5	197.8	164.4	135.1
-45°	440.0	423.9	392.6	356.2	318.9	284.7	250.7	217.1	184.7	154.6	126.7
-47.5°	429.1	400.4	367.3	330.9	297.0	264.6	232.9	202.2	171.3	144.5	118.1
-50°	403.7	373.3	338.6	306.0	274.6	244.4	214.9	186.9	159.3	133.9	109.0
-52.5°	372.8	340.9	310.3	280.9	252.2	223.7	197.9	171.4	146.8	123.0	99.5
-55°	336.9	309.6	282.3	255.8	229.4	204.6	180.6	156.7	133.7	111.7	89.8
-57.5°	303.0	278.5	254.7	230.6	207.6	185.6	163.3	141.4	120.5	100.1	81.7
-60°	269.5	248.9	227.3	206.6	186.3	166.1	145.6	125.9	107.1	88.7	73.5
-62.5°	238.0	219.4	201.4	183.0	164.9	146.5	127.7	110.7	93.5	79.1	65.1
-65°	207.2	191.4	175.5	159.9	143.6	127.0	110.8	95.2	81.8	69.2	57.1
-67.5°	176.8	164.4	151.3	137.1	122.8	108.4	93.7	81.8	70.6	59.3	50.6
-70°	150.2	138.9	127.3	115.2	102.6	90.1	79.4	69.2	59.3	51.5	44.0
-72.5°	123.7	114.0	103.9	93.4	84.0	74.7	65.4	57.0	50.2	43.6	37.2
-75°	97.4	89.9	82.5	74.8	66.9	59.2	52.8	46.7	41.1	35.6	30.5
-77.5°	73.9	68.0	62.1	56.9	51.7	46.4	41.3	36.3	32.2	28.1	23.8
-80°	52.3	48.7	45.2	41.5	37.5	33.5	30.3	27.1	24.0	20.6	17.1
-82.5°	32.9	31.2	29.6	27.7	25.4	23.1	20.7	18.2	15.7	13.1	11.3
-85°	19.4	18.3	17.1	15.7	14.2	12.6	11.6	10.6	9.6	8.6	7.6
-87.5°	8.5	8.1	7.7	7.2	6.8	6.3	5.8	5.3	4.8	4.3	3.8
-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: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
85°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
82.5°	9.8	8.2	6.5	4.9	3.3	1.6	0.0
80°	13.3	10.9	8.7	6.5	4.4	2.2	0.0
77.5°	19.2	14.3	10.9	8.2	5.4	2.7	0.0
75°	25.0	19.0	13.3	9.8	6.5	3.3	0.0
72.5°	30.7	23.7	17.0	11.3	7.6	3.8	0.0
70°	36.4	28.3	20.6	13.1	8.6	4.3	0.0
67.5°	42.0	32.8	24.1	15.7	9.6	4.8	0.0
65°	47.7	37.5	27.6	18.3	10.6	5.3	0.0
62.5°	53.3	42.3	31.0	20.8	11.6	5.8	0.0
60°	58.8	47.0	34.3	23.2	12.6	6.3	0.0
57.5°	65.7	51.7	38.1	25.6	14.2	6.8	0.0
55°	72.7	56.3	41.8	27.9	15.7	7.2	0.0
52.5°	79.4	61.0	45.5	30.1	17.3	7.7	0.0
50°	86.0	66.4	49.1	32.3	18.7	8.1	0.0
47.5°	92.5	71.7	52.5	34.5	20.2	8.5	0.0
45°	99.9	76.8	55.9	37.0	21.6	8.9	0.0
42.5°	106.9	81.6	59.2	39.4	22.9	9.3	0.0
40°	113.5	86.3	62.6	41.8	24.2	9.7	0.0
37.5°	119.7	90.7	66.2	44.1	25.4	10.0	0.0
35°	125.5	95.4	69.5	46.2	26.6	10.3	0.0
32.5°	131.1	99.9	72.7	48.1	27.7	10.6	0.0
30°	136.7	104.1	75.6	49.9	28.8	10.9	0.0
27.5°	141.9	108.0	78.2	51.6	29.8	11.2	0.0
25°	146.7	111.6	80.4	53.0	30.7	11.4	0.0
22.5°	151.2	114.7	82.5	54.3	31.6	11.6	0.0
20°	155.2	117.3	84.4	55.5	32.4	11.8	0.0
17.5°	158.7	119.7	86.0	56.4	33.1	12.0	0.0
15°	161.8	121.7	87.3	57.3	33.7	12.2	0.0
12.5°	164.5	123.3	88.5	57.9	34.3	12.3	0.0
10°	166.7	124.7	89.4	58.4	34.7	12.4	0.0
7.5°	168.4	125.6	90.1	58.8	35.1	12.5	0.0
5°	169.7	126.3	90.5	59.0	35.4	12.6	0.0
2.5°	170.4	126.6	90.7	59.1	35.7	12.6	0.0
0°	170.7	126.5	90.6	59.0	35.8	12.6	0.0
-2.5°	170.4	126.6	90.7	59.1	35.7	12.6	0.0
-5°	169.7	126.3	90.5	59.0	35.4	12.6	0.0
-7.5°	168.4	125.6	90.1	58.8	35.1	12.5	0.0
-10°	166.7	124.7	89.4	58.4	34.7	12.4	0.0
-12.5°	164.5	123.3	88.5	57.9	34.3	12.3	0.0
-15°	161.8	121.7	87.3	57.3	33.7	12.2	0.0
-17.5°	158.7	119.7	86.0	56.4	33.1	12.0	0.0
-20°	155.2	117.3	84.4	55.5	32.4	11.8	0.0



REPORT NUMBER: P559060 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	151.2	114.7	82.5	54.3	31.6	11.6	0.0
-25°	146.7	111.6	80.4	53.0	30.7	11.4	0.0
-27.5°	141.9	108.0	78.2	51.6	29.8	11.2	0.0
-30°	136.7	104.1	75.6	49.9	28.8	10.9	0.0
-32.5°	131.1	99.9	72.7	48.1	27.7	10.6	0.0
-35°	125.5	95.4	69.5	46.2	26.6	10.3	0.0
-37.5°	119.7	90.7	66.2	44.1	25.4	10.0	0.0
-40°	113.5	86.3	62.6	41.8	24.2	9.7	0.0
-42.5°	106.9	81.6	59.2	39.4	22.9	9.3	0.0
-45°	99.9	76.8	55.9	37.0	21.6	8.9	0.0
-47.5°	92.5	71.7	52.5	34.5	20.2	8.5	0.0
-50°	86.0	66.4	49.1	32.3	18.7	8.1	0.0
-52.5°	79.4	61.0	45.5	30.1	17.3	7.7	0.0
-55°	72.7	56.3	41.8	27.9	15.7	7.2	0.0
-57.5°	65.7	51.7	38.1	25.6	14.2	6.8	0.0
-60°	58.8	47.0	34.3	23.2	12.6	6.3	0.0
-62.5°	53.3	42.3	31.0	20.8	11.6	5.8	0.0
-65°	47.7	37.5	27.6	18.3	10.6	5.3	0.0
-67.5°	42.0	32.8	24.1	15.7	9.6	4.8	0.0
-70°	36.4	28.3	20.6	13.1	8.6	4.3	0.0
-72.5°	30.7	23.7	17.0	11.3	7.6	3.8	0.0
-75°	25.0	19.0	13.3	9.8	6.5	3.3	0.0
-77.5°	19.2	14.3	10.9	8.2	5.4	2.7	0.0
-80°	13.3	10.9	8.7	6.5	4.4	2.2	0.0
-82.5°	9.8	8.2	6.5	4.9	3.3	1.6	0.0
-85°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
-87.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)