

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: P559084 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-935-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559084 (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-935-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

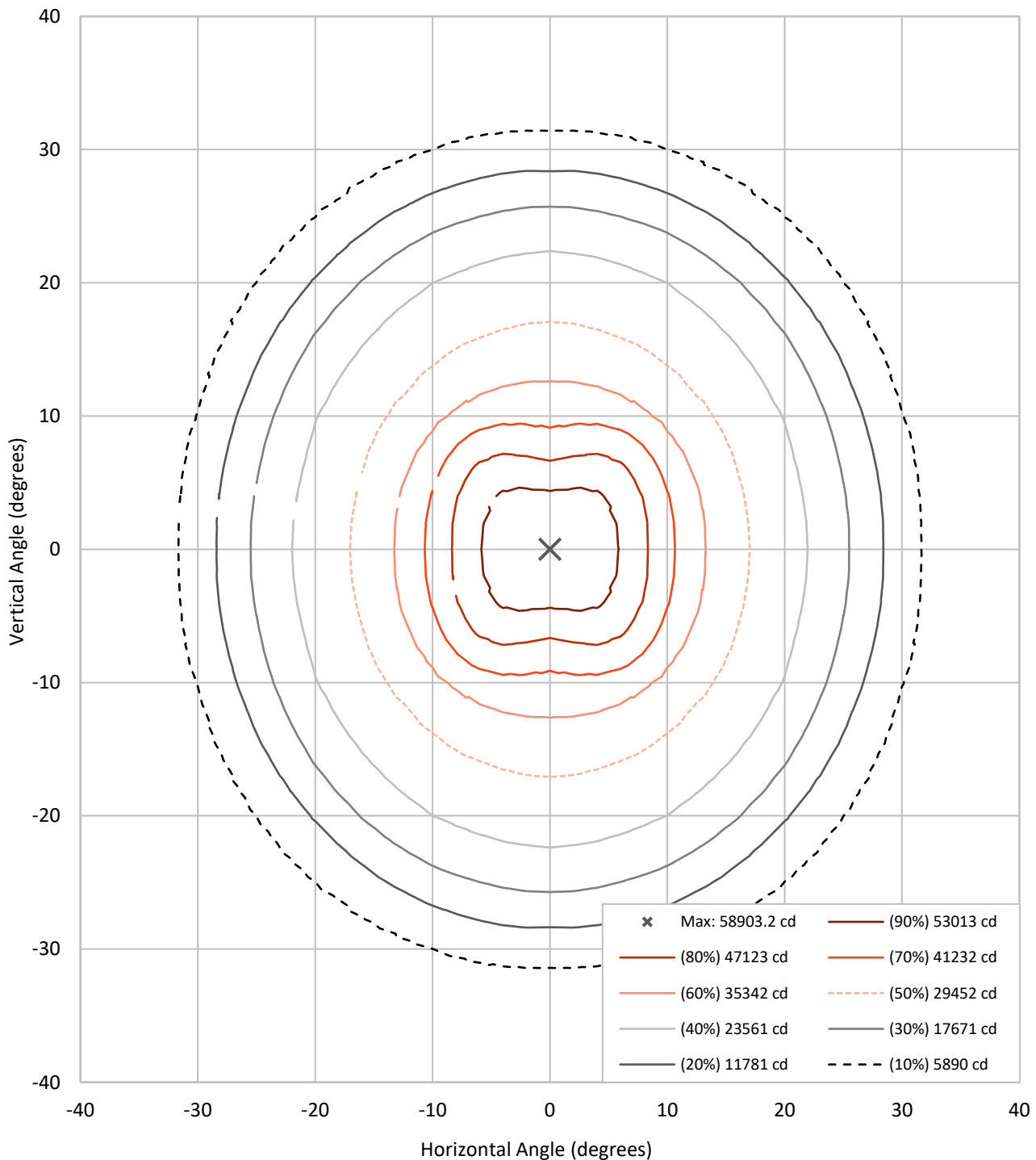
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	26057.2 lumens	Max Intensity:	58903.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	11098.7 lumens	Field Lumens:	22683.5 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



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CATALOG NUMBER: GFLD-SA5D-935-U-MR-XX

Iso-Candela Plot





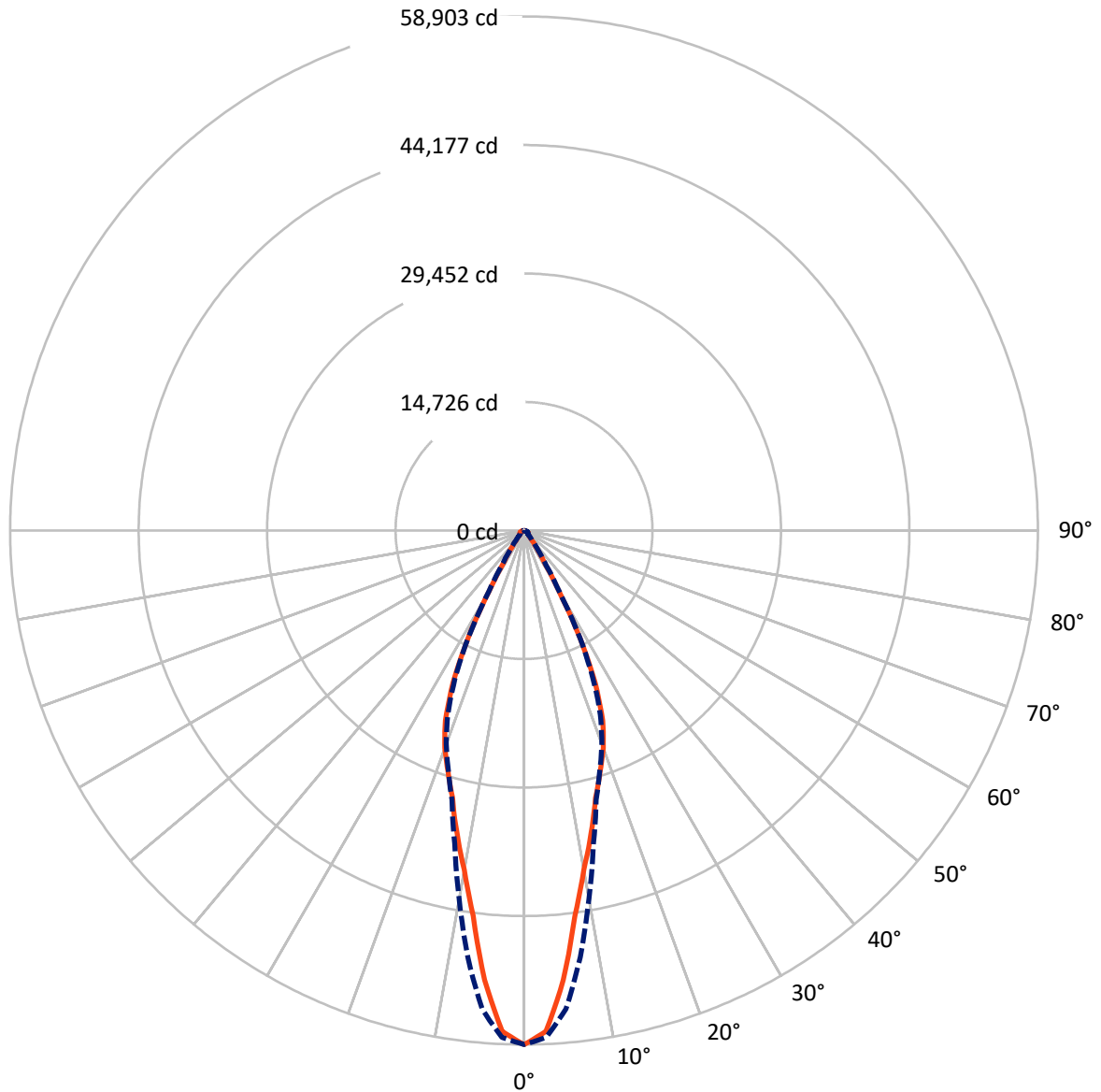
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 CATALOG NUMBER: GFLD-SA5D-935-U-MR-XX

Lumen Table

90																
80	0.3	2.9		8.1		13.3		15.5		13.3		8.1		2.9		0.3
70																
60	1.3	1.5	3.3	5.7	8.4	10.8	12.7	13.8	13.8	12.7	10.8	8.4	5.7	3.3	1.5	1.3
50		2.4	5.3	9.2	12.5	14.2	15.0	15.4	15.4	15.0	14.2	12.5	9.2	5.3	2.4	
40	2.5	3.4	7.4	11.1	13.0	16.0	20.6	23.7	23.7	20.6	16.0	13.0	11.1	7.4	3.4	2.5
30		4.3	8.6	11.2	16.8	33.2	63.1	96.5	96.5	63.1	33.2	16.8	11.2	8.6	4.3	
20	3.4	5.0	8.9	12.5	30.5	101.4	318.9	524.9	524.9	318.9	101.4	30.5	12.5	8.9	5.0	3.4
10		5.5	8.9	15.4	57.0	300.5	710.2	940.6	940.6	710.2	300.5	57.0	15.4	8.9	5.5	
0	3.7	5.7	8.9	17.8	86.6	473.4	923.6	1457.5	1457.5	923.6	473.4	86.6	17.8	8.9	5.7	3.7
-10		5.7	8.9	17.8	86.6	473.4	923.6	1457.5	1457.5	923.6	473.4	86.6	17.8	8.9	5.7	
-20	3.4	5.5	8.9	15.4	57.0	300.5	710.2	940.6	940.6	710.2	300.5	57.0	15.4	8.9	5.5	3.4
-30		5.0	8.9	12.5	30.5	101.4	318.9	524.9	524.9	318.9	101.4	30.5	12.5	8.9	5.0	
-40	2.5	4.3	8.6	11.2	16.8	33.2	63.1	96.5	96.5	63.1	33.2	16.8	11.2	8.6	4.3	2.5
-50		3.4	7.4	11.1	13.0	16.0	20.6	23.7	23.7	20.6	16.0	13.0	11.1	7.4	3.4	
-60	1.3	2.4	5.3	9.2	12.5	14.2	15.0	15.4	15.4	15.0	14.2	12.5	9.2	5.3	2.4	1.3
-70		1.5	3.3	5.7	8.4	10.8	12.7	13.8	13.8	12.7	10.8	8.4	5.7	3.3	1.5	
-80																
-90	0.3	2.9		8.1		13.3		15.5		13.3		8.1		2.9		0.3

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CATALOG NUMBER: GFLD-SA5D-935-U-MR-XX

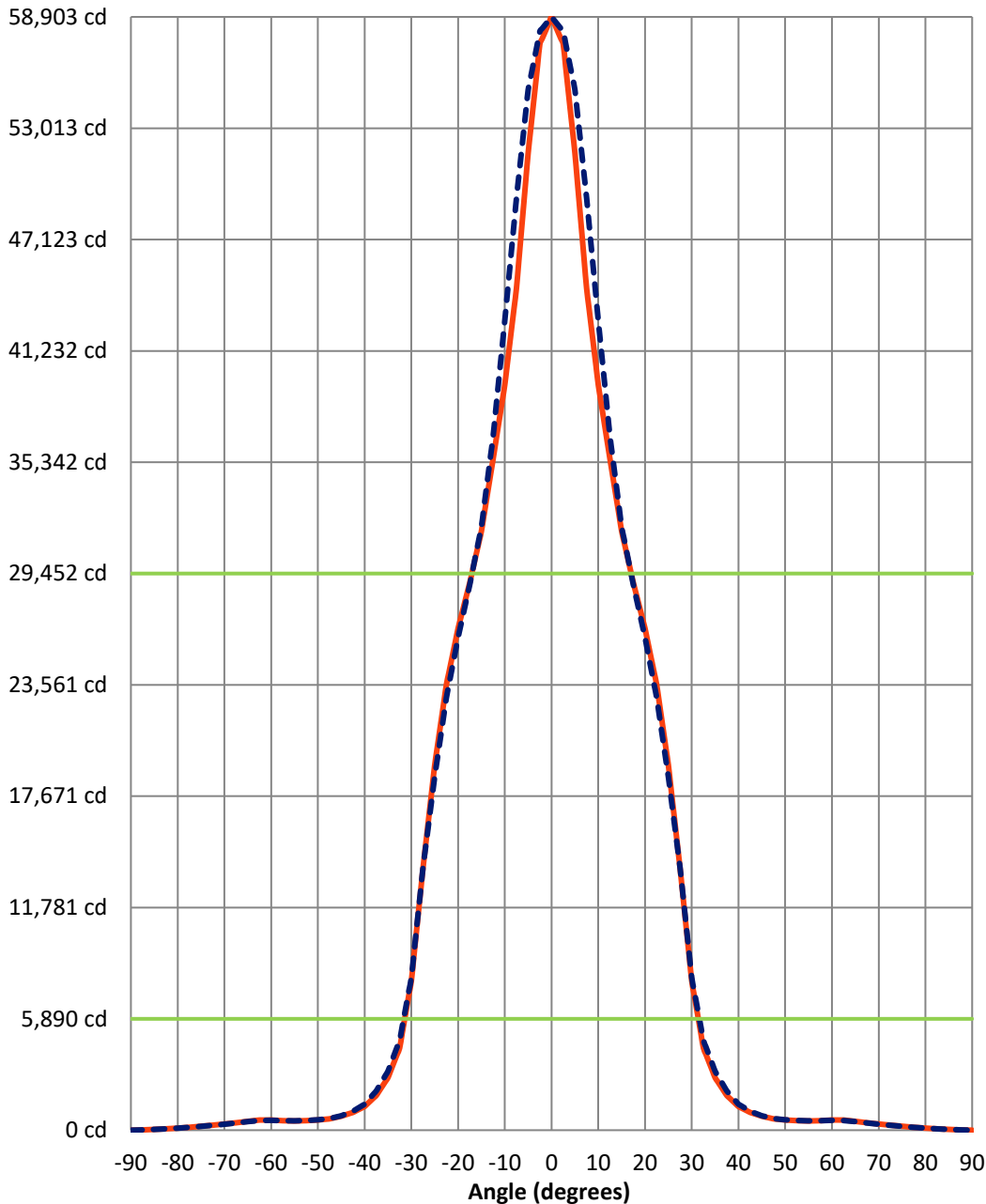
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 34°
V Angle: 34.1°
Lumens: 11098.7
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 22683.5
Efficiency: 87.1%

Spill:
Lumens: 3373.7
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	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.1	5.7	6.3
85°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.0	10.2	11.5	12.7
82.5°	0.0	2.0	3.9	5.9	7.8	9.7	11.6	13.5	15.6	18.7	21.6
80°	0.0	2.6	5.2	7.8	10.4	12.9	15.8	20.3	24.5	28.5	32.1
77.5°	0.0	3.2	6.5	9.7	12.9	17.0	22.8	28.3	33.4	38.2	43.1
75°	0.0	3.9	7.8	11.6	15.8	22.6	29.7	36.2	42.3	48.8	55.4
72.5°	0.0	4.5	9.0	13.5	20.2	28.2	36.5	44.2	51.8	59.6	67.6
70°	0.0	5.1	10.2	15.6	24.4	33.6	43.2	52.2	61.1	70.3	82.1
67.5°	0.0	5.7	11.5	18.7	28.7	39.0	49.9	60.1	70.3	83.8	97.0
65°	0.0	6.3	12.7	21.7	32.8	44.5	56.6	67.8	82.1	97.0	112.9
62.5°	0.0	6.9	13.8	24.7	36.8	50.2	63.2	77.2	93.7	110.8	131.2
60°	0.0	7.5	15.0	27.6	40.7	55.8	69.7	87.2	105.1	127.0	149.2
57.5°	0.0	8.1	16.9	30.4	45.2	61.3	78.0	96.9	118.6	142.8	167.6
55°	0.0	8.6	18.7	33.1	49.7	66.8	86.2	106.5	132.4	158.4	185.7
52.5°	0.0	9.1	20.5	35.8	54.0	72.3	94.2	117.9	145.7	174.0	203.2
50°	0.0	9.6	22.3	38.3	58.2	78.8	101.9	129.2	158.7	188.9	221.5
47.5°	0.0	10.1	24.0	40.9	62.3	85.0	109.6	139.9	171.2	203.1	239.6
45°	0.0	10.6	25.6	43.9	66.4	91.0	118.4	150.2	183.3	218.9	257.3
42.5°	0.0	11.1	27.2	46.8	70.2	96.8	126.7	160.1	194.9	234.4	275.5
40°	0.0	11.5	28.8	49.6	74.3	102.3	134.5	169.8	206.7	249.4	293.1
37.5°	0.0	11.9	30.2	52.3	78.5	107.5	141.8	179.1	219.3	263.8	310.0
35°	0.0	12.3	31.6	54.8	82.4	113.0	148.7	188.0	231.2	277.9	326.2
32.5°	0.0	12.6	32.9	57.1	86.2	118.4	155.3	196.4	242.3	291.1	341.6
30°	0.0	13.0	34.2	59.3	89.7	123.4	162.0	204.5	252.6	303.5	356.1
27.5°	0.0	13.3	35.4	61.2	92.7	128.0	168.2	212.9	262.3	315.0	369.5
25°	0.0	13.6	36.5	62.9	95.4	132.2	173.9	220.5	271.7	325.9	381.9
22.5°	0.0	13.9	37.5	64.5	97.8	135.9	179.2	227.5	280.2	335.9	394.3
20°	0.0	14.1	38.4	65.8	100.0	139.1	183.9	233.7	287.8	345.0	405.4
17.5°	0.0	14.3	39.3	67.0	101.9	141.8	188.2	239.1	294.6	353.0	415.1
15°	0.0	14.5	40.0	67.9	103.6	144.2	191.8	243.9	300.4	359.9	423.5
12.5°	0.0	14.6	40.7	68.7	104.9	146.2	195.0	248.0	305.3	365.8	430.5
10°	0.0	14.8	41.2	69.3	106.0	147.7	197.6	251.4	309.1	371.1	436.8
7.5°	0.0	14.9	41.7	69.8	106.8	148.9	199.7	254.0	312.0	375.5	443.2
5°	0.0	14.9	42.1	70.0	107.3	149.6	201.2	255.9	313.9	378.9	448.4
2.5°	0.0	15.0	42.3	70.1	107.5	150.0	202.1	257.0	314.8	381.2	452.2
0°	0.0	15.0	42.5	70.0	107.4	149.9	202.4	257.4	314.8	382.3	454.7
-2.5°	0.0	15.0	42.3	70.1	107.5	150.0	202.1	257.0	314.8	381.2	452.2
-5°	0.0	14.9	42.1	70.0	107.3	149.6	201.2	255.9	313.9	378.9	448.4
-7.5°	0.0	14.9	41.7	69.8	106.8	148.9	199.7	254.0	312.0	375.5	443.2
-10°	0.0	14.8	41.2	69.3	106.0	147.7	197.6	251.4	309.1	371.1	436.8
-12.5°	0.0	14.6	40.7	68.7	104.9	146.2	195.0	248.0	305.3	365.8	430.5
-15°	0.0	14.5	40.0	67.9	103.6	144.2	191.8	243.9	300.4	359.9	423.5
-17.5°	0.0	14.3	39.3	67.0	101.9	141.8	188.2	239.1	294.6	353.0	415.1
-20°	0.0	14.1	38.4	65.8	100.0	139.1	183.9	233.7	287.8	345.0	405.4



REPORT NUMBER: P559084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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	13.9	37.5	64.5	97.8	135.9	179.2	227.5	280.2	335.9	394.3
-25°	0.0	13.6	36.5	62.9	95.4	132.2	173.9	220.5	271.7	325.9	381.9
-27.5°	0.0	13.3	35.4	61.2	92.7	128.0	168.2	212.9	262.3	315.0	369.5
-30°	0.0	13.0	34.2	59.3	89.7	123.4	162.0	204.5	252.6	303.5	356.1
-32.5°	0.0	12.6	32.9	57.1	86.2	118.4	155.3	196.4	242.3	291.1	341.6
-35°	0.0	12.3	31.6	54.8	82.4	113.0	148.7	188.0	231.2	277.9	326.2
-37.5°	0.0	11.9	30.2	52.3	78.5	107.5	141.8	179.1	219.3	263.8	310.0
-40°	0.0	11.5	28.8	49.6	74.3	102.3	134.5	169.8	206.7	249.4	293.1
-42.5°	0.0	11.1	27.2	46.8	70.2	96.8	126.7	160.1	194.9	234.4	275.5
-45°	0.0	10.6	25.6	43.9	66.4	91.0	118.4	150.2	183.3	218.9	257.3
-47.5°	0.0	10.1	24.0	40.9	62.3	85.0	109.6	139.9	171.2	203.1	239.6
-50°	0.0	9.6	22.3	38.3	58.2	78.8	101.9	129.2	158.7	188.9	221.5
-52.5°	0.0	9.1	20.5	35.8	54.0	72.3	94.2	117.9	145.7	174.0	203.2
-55°	0.0	8.6	18.7	33.1	49.7	66.8	86.2	106.5	132.4	158.4	185.7
-57.5°	0.0	8.1	16.9	30.4	45.2	61.3	78.0	96.9	118.6	142.8	167.6
-60°	0.0	7.5	15.0	27.6	40.7	55.8	69.7	87.2	105.1	127.0	149.2
-62.5°	0.0	6.9	13.8	24.7	36.8	50.2	63.2	77.2	93.7	110.8	131.2
-65°	0.0	6.3	12.7	21.7	32.8	44.5	56.6	67.8	82.1	97.0	112.9
-67.5°	0.0	5.7	11.5	18.7	28.7	39.0	49.9	60.1	70.3	83.8	97.0
-70°	0.0	5.1	10.2	15.6	24.4	33.6	43.2	52.2	61.1	70.3	82.1
-72.5°	0.0	4.5	9.0	13.5	20.2	28.2	36.5	44.2	51.8	59.6	67.6
-75°	0.0	3.9	7.8	11.6	15.8	22.6	29.7	36.2	42.3	48.8	55.4
-77.5°	0.0	3.2	6.5	9.7	12.9	17.0	22.8	28.3	33.4	38.2	43.1
-80°	0.0	2.6	5.2	7.8	10.4	12.9	15.8	20.3	24.5	28.5	32.1
-82.5°	0.0	2.0	3.9	5.9	7.8	9.7	11.6	13.5	15.6	18.7	21.6
-85°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.0	10.2	11.5	12.7
-87.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.1	5.7	6.3
-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: P559084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	6.9	7.5	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.5	11.9
85°	13.8	15.0	16.8	18.7	20.3	21.8	23.1	24.3	25.7	27.0	28.2
82.5°	24.6	27.4	30.2	32.9	35.1	37.0	39.0	41.7	44.8	47.8	50.7
80°	36.0	39.8	44.5	49.3	53.6	57.8	62.0	66.3	70.5	74.9	79.3
77.5°	49.0	55.1	61.3	67.6	73.7	80.7	87.6	94.5	100.7	106.3	111.4
75°	62.7	70.2	79.4	88.7	97.7	106.5	115.4	125.0	133.5	141.2	148.4
72.5°	77.6	88.6	99.6	110.7	123.1	135.1	146.6	157.8	168.1	177.6	187.2
70°	94.2	106.8	121.5	136.5	150.9	164.6	178.0	190.6	202.5	215.0	228.4
67.5°	111.1	128.5	145.6	162.5	179.4	194.9	209.6	225.8	241.8	257.6	272.7
65°	131.3	150.5	170.2	189.6	208.0	226.8	245.6	264.1	282.9	300.9	317.7
62.5°	151.3	173.6	195.5	216.9	238.7	260.0	282.1	303.8	324.8	346.6	367.5
60°	172.6	196.9	220.8	244.9	269.4	295.0	319.5	345.0	370.7	395.4	419.1
57.5°	193.6	219.9	246.1	273.4	302.0	330.2	359.2	387.8	417.2	445.3	469.8
55°	214.1	242.4	271.9	303.2	334.6	367.0	399.4	432.7	464.3	488.0	510.2
52.5°	234.6	265.1	298.9	332.9	367.9	404.2	441.8	474.0	500.4	520.6	525.5
50°	254.7	289.7	325.4	362.8	401.4	442.4	478.5	507.6	522.4	528.1	525.1
47.5°	276.0	313.6	352.0	392.2	435.4	474.6	508.7	523.5	530.6	522.9	513.4
45°	297.2	337.4	378.0	422.2	465.3	502.4	521.6	532.1	522.6	513.4	506.9
42.5°	317.5	360.6	405.0	450.5	490.7	516.9	529.0	523.0	514.8	507.7	510.1
40°	337.7	382.9	431.5	474.3	510.5	523.9	521.8	514.4	509.6	512.7	522.9
37.5°	357.0	406.3	455.9	497.3	516.9	522.3	513.4	508.5	512.1	523.9	546.4
35°	375.4	428.7	476.0	510.7	523.8	514.6	508.1	507.4	520.8	544.8	578.2
32.5°	394.0	450.0	494.8	516.6	518.7	508.5	503.6	515.1	536.2	567.9	624.1
30°	412.1	466.5	508.6	521.9	512.8	504.9	507.6	524.2	552.8	605.4	696.4
27.5°	428.6	481.4	513.1	519.4	507.7	501.1	513.5	538.4	580.0	650.1	780.0
25°	443.7	494.9	517.1	514.6	504.3	503.5	520.4	551.1	608.4	721.9	899.9
22.5°	456.1	507.3	520.8	510.2	500.9	507.6	531.1	573.7	650.5	789.7	1025.0
20°	466.2	510.3	520.1	506.0	497.6	510.9	540.7	596.0	707.1	895.7	1165.9
17.5°	475.3	513.1	516.6	503.2	499.6	516.1	550.7	615.8	757.5	986.7	1301.2
15°	483.5	515.5	513.2	500.8	502.0	523.2	566.9	653.2	817.8	1072.6	1422.6
12.5°	490.5	517.5	510.0	498.8	503.8	529.0	580.7	687.3	877.4	1165.7	1617.5
10°	496.4	519.2	507.1	497.1	505.0	533.7	592.0	714.2	923.2	1244.6	1781.0
7.5°	501.8	520.5	504.7	495.8	505.7	537.1	600.5	734.0	955.9	1308.0	1903.3
5°	505.8	521.5	503.3	495.2	507.5	540.8	606.8	746.8	975.8	1354.2	1985.1
2.5°	508.4	522.0	502.5	494.8	510.0	545.9	612.1	757.6	993.5	1377.0	2043.4
0°	509.7	522.2	502.2	494.7	512.2	549.7	614.6	762.1	1001.9	1376.7	2078.8
-2.5°	508.4	522.0	502.5	494.8	510.0	545.9	612.1	757.6	993.5	1377.0	2043.4
-5°	505.8	521.5	503.3	495.2	507.5	540.8	606.8	746.8	975.8	1354.2	1985.1
-7.5°	501.8	520.5	504.7	495.8	505.7	537.1	600.5	734.0	955.9	1308.0	1903.3
-10°	496.4	519.2	507.1	497.1	505.0	533.7	592.0	714.2	923.2	1244.6	1781.0
-12.5°	490.5	517.5	510.0	498.8	503.8	529.0	580.7	687.3	877.4	1165.7	1617.5
-15°	483.5	515.5	513.2	500.8	502.0	523.2	566.9	653.2	817.8	1072.6	1422.6
-17.5°	475.3	513.1	516.6	503.2	499.6	516.1	550.7	615.8	757.5	986.7	1301.2
-20°	466.2	510.3	520.1	506.0	497.6	510.9	540.7	596.0	707.1	895.7	1165.9



REPORT NUMBER: P559084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	456.1	507.3	520.8	510.2	500.9	507.6	531.1	573.7	650.5	789.7	1025.0
-25°	443.7	494.9	517.1	514.6	504.3	503.5	520.4	551.1	608.4	721.9	899.9
-27.5°	428.6	481.4	513.1	519.4	507.7	501.1	513.5	538.4	580.0	650.1	780.0
-30°	412.1	466.5	508.6	521.9	512.8	504.9	507.6	524.2	552.8	605.4	696.4
-32.5°	394.0	450.0	494.8	516.6	518.7	508.5	503.6	515.1	536.2	567.9	624.1
-35°	375.4	428.7	476.0	510.7	523.8	514.6	508.1	507.4	520.8	544.8	578.2
-37.5°	357.0	406.3	455.9	497.3	516.9	522.3	513.4	508.5	512.1	523.9	546.4
-40°	337.7	382.9	431.5	474.3	510.5	523.9	521.8	514.4	509.6	512.7	522.9
-42.5°	317.5	360.6	405.0	450.5	490.7	516.9	529.0	523.0	514.8	507.7	510.1
-45°	297.2	337.4	378.0	422.2	465.3	502.4	521.6	532.1	522.6	513.4	506.9
-47.5°	276.0	313.6	352.0	392.2	435.4	474.6	508.7	523.5	530.6	522.9	513.4
-50°	254.7	289.7	325.4	362.8	401.4	442.4	478.5	507.6	522.4	528.1	525.1
-52.5°	234.6	265.1	298.9	332.9	367.9	404.2	441.8	474.0	500.4	520.6	525.5
-55°	214.1	242.4	271.9	303.2	334.6	367.0	399.4	432.7	464.3	488.0	510.2
-57.5°	193.6	219.9	246.1	273.4	302.0	330.2	359.2	387.8	417.2	445.3	469.8
-60°	172.6	196.9	220.8	244.9	269.4	295.0	319.5	345.0	370.7	395.4	419.1
-62.5°	151.3	173.6	195.5	216.9	238.7	260.0	282.1	303.8	324.8	346.6	367.5
-65°	131.3	150.5	170.2	189.6	208.0	226.8	245.6	264.1	282.9	300.9	317.7
-67.5°	111.1	128.5	145.6	162.5	179.4	194.9	209.6	225.8	241.8	257.6	272.7
-70°	94.2	106.8	121.5	136.5	150.9	164.6	178.0	190.6	202.5	215.0	228.4
-72.5°	77.6	88.6	99.6	110.7	123.1	135.1	146.6	157.8	168.1	177.6	187.2
-75°	62.7	70.2	79.4	88.7	97.7	106.5	115.4	125.0	133.5	141.2	148.4
-77.5°	49.0	55.1	61.3	67.6	73.7	80.7	87.6	94.5	100.7	106.3	111.4
-80°	36.0	39.8	44.5	49.3	53.6	57.8	62.0	66.3	70.5	74.9	79.3
-82.5°	24.6	27.4	30.2	32.9	35.1	37.0	39.0	41.7	44.8	47.8	50.7
-85°	13.8	15.0	16.8	18.7	20.3	21.8	23.1	24.3	25.7	27.0	28.2
-87.5°	6.9	7.5	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.5	11.9
-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: P559084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	12.3	12.1	11.9	11.6	11.3	11.5	11.7	11.9	12.1	12.8	13.5
85°	29.3	30.7	32.0	33.4	34.8	35.8	36.7	37.4	38.1	38.7	39.2
82.5°	53.4	56.3	58.9	61.2	63.3	65.0	66.6	68.0	69.2	70.2	71.0
80°	83.3	87.0	90.3	93.2	95.8	98.0	99.9	101.4	102.6	105.1	107.5
77.5°	116.6	121.8	126.6	131.0	135.0	138.9	142.5	145.8	148.8	151.0	152.6
75°	155.2	161.8	168.4	174.4	180.0	185.7	191.2	196.2	200.8	203.9	206.1
72.5°	196.7	205.6	213.6	221.3	228.1	235.1	242.0	248.2	253.6	257.8	261.2
70°	241.1	252.6	262.0	270.7	279.3	288.0	296.5	303.9	310.2	315.5	319.7
67.5°	287.1	300.3	312.1	323.5	335.0	345.7	356.0	365.6	374.3	381.0	385.4
65°	334.2	351.1	366.6	380.7	393.4	405.5	418.4	430.2	440.9	449.6	456.4
62.5°	387.4	406.5	424.1	439.8	454.0	465.3	477.5	488.6	498.6	507.8	517.0
60°	441.7	463.1	478.5	491.9	504.2	515.1	519.3	523.3	526.7	529.7	533.3
57.5°	489.2	507.5	520.8	523.8	526.5	528.9	527.4	523.1	518.6	514.2	510.7
55°	522.3	527.5	533.3	528.8	521.5	514.6	508.6	504.4	500.5	497.0	494.0
52.5°	531.1	526.0	519.8	513.1	508.0	502.8	497.6	498.5	500.1	501.3	502.0
50°	518.1	512.2	508.9	505.1	505.7	508.3	510.5	515.4	521.5	525.9	529.6
47.5°	508.2	504.3	509.3	515.6	521.5	532.3	541.8	551.2	565.6	577.1	586.3
45°	505.4	514.9	524.7	540.2	553.8	577.4	599.6	618.2	652.7	684.4	709.2
42.5°	519.7	536.0	553.8	583.9	616.5	658.3	711.9	757.2	810.4	860.0	895.9
40°	543.3	567.3	607.3	655.8	731.9	799.6	888.5	964.5	1035.9	1111.6	1168.5
37.5°	577.2	621.9	696.7	784.0	899.5	1010.4	1133.0	1251.9	1353.2	1506.6	1626.6
35°	627.5	718.1	824.3	970.2	1121.0	1291.0	1470.1	1700.9	1904.2	2142.6	2366.7
32.5°	719.2	841.9	1008.4	1205.7	1406.2	1699.4	1976.2	2351.2	2688.1	3108.7	3561.0
30°	826.6	1009.6	1233.4	1491.0	1853.9	2257.4	2712.3	3287.6	3971.0	4784.9	5877.0
27.5°	974.7	1209.6	1491.1	1908.6	2423.5	2964.2	3770.9	4737.8	6499.8	8035.4	10070.5
25°	1134.0	1421.0	1866.1	2427.1	3104.7	4078.4	5655.5	7667.5	10517.2	13242.2	15420.6
22.5°	1317.7	1737.0	2298.8	2997.1	4093.6	5978.9	8427.5	11970.7	15148.5	17896.8	20013.4
20°	1521.1	2046.9	2802.1	3869.1	5736.5	8497.6	12428.5	16064.8	19310.5	21676.4	23546.6
17.5°	1784.5	2471.4	3429.6	4901.9	7768.1	12022.8	16075.2	19669.5	22493.5	24572.1	26230.0
15°	2030.4	2862.1	4103.9	6616.1	10528.1	15075.5	19229.3	22435.5	24879.3	26813.6	28304.2
12.5°	2320.7	3301.1	4892.2	8096.9	13065.9	17594.0	21468.7	24462.6	26816.0	28629.1	30626.8
10°	2579.3	3773.2	6021.6	10070.3	15150.0	19573.3	23336.0	26026.6	28386.5	30749.3	33744.8
7.5°	2792.7	4169.7	6947.8	11735.3	16750.1	21037.4	24465.2	27153.6	29754.6	32910.2	37230.8
5°	2962.2	4468.5	7709.8	12992.3	17913.3	22082.3	25327.7	28052.8	30990.4	35211.9	41010.2
2.5°	3075.6	4664.4	8186.1	13751.8	18647.2	22681.7	25967.0	28640.8	31720.9	36500.5	42558.3
0°	3120.7	4754.7	8065.3	13889.4	18691.6	22876.7	26062.3	28860.7	31928.9	36716.1	42842.5
-2.5°	3075.6	4664.4	8186.1	13751.8	18647.2	22681.7	25967.0	28640.8	31720.9	36500.5	42558.3
-5°	2962.2	4468.5	7709.8	12992.3	17913.3	22082.3	25327.7	28052.8	30990.4	35211.9	41010.2
-7.5°	2792.7	4169.7	6947.8	11735.3	16750.1	21037.4	24465.2	27153.6	29754.6	32910.2	37230.8
-10°	2579.3	3773.2	6021.6	10070.3	15150.0	19573.3	23336.0	26026.6	28386.5	30749.3	33744.8
-12.5°	2320.7	3301.1	4892.2	8096.9	13065.9	17594.0	21468.7	24462.6	26816.0	28629.1	30626.8
-15°	2030.4	2862.1	4103.9	6616.1	10528.1	15075.5	19229.3	22435.5	24879.3	26813.6	28304.2
-17.5°	1784.5	2471.4	3429.6	4901.9	7768.1	12022.8	16075.2	19669.5	22493.5	24572.1	26230.0
-20°	1521.1	2046.9	2802.1	3869.1	5736.5	8497.6	12428.5	16064.8	19310.5	21676.4	23546.6



REPORT NUMBER: P559084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	1317.7	1737.0	2298.8	2997.1	4093.6	5978.9	8427.5	11970.7	15148.5	17896.8	20013.4
-25°	1134.0	1421.0	1866.1	2427.1	3104.7	4078.4	5655.5	7667.5	10517.2	13242.2	15420.6
-27.5°	974.7	1209.6	1491.1	1908.6	2423.5	2964.2	3770.9	4737.8	6499.8	8035.4	10070.5
-30°	826.6	1009.6	1233.4	1491.0	1853.9	2257.4	2712.3	3287.6	3971.0	4784.9	5877.0
-32.5°	719.2	841.9	1008.4	1205.7	1406.2	1699.4	1976.2	2351.2	2688.1	3108.7	3561.0
-35°	627.5	718.1	824.3	970.2	1121.0	1291.0	1470.1	1700.9	1904.2	2142.6	2366.7
-37.5°	577.2	621.9	696.7	784.0	899.5	1010.4	1133.0	1251.9	1353.2	1506.6	1626.6
-40°	543.3	567.3	607.3	655.8	731.9	799.6	888.5	964.5	1035.9	1111.6	1168.5
-42.5°	519.7	536.0	553.8	583.9	616.5	658.3	711.9	757.2	810.4	860.0	895.9
-45°	505.4	514.9	524.7	540.2	553.8	577.4	599.6	618.2	652.7	684.4	709.2
-47.5°	508.2	504.3	509.3	515.6	521.5	532.3	541.8	551.2	565.6	577.1	586.3
-50°	518.1	512.2	508.9	505.1	505.7	508.3	510.5	515.4	521.5	525.9	529.6
-52.5°	531.1	526.0	519.8	513.1	508.0	502.8	497.6	498.5	500.1	501.3	502.0
-55°	522.3	527.5	533.3	528.8	521.5	514.6	508.6	504.4	500.5	497.0	494.0
-57.5°	489.2	507.5	520.8	523.8	526.5	528.9	527.4	523.1	518.6	514.2	510.7
-60°	441.7	463.1	478.5	491.9	504.2	515.1	519.3	523.3	526.7	529.7	533.3
-62.5°	387.4	406.5	424.1	439.8	454.0	465.3	477.5	488.6	498.6	507.8	517.0
-65°	334.2	351.1	366.6	380.7	393.4	405.5	418.4	430.2	440.9	449.6	456.4
-67.5°	287.1	300.3	312.1	323.5	335.0	345.7	356.0	365.6	374.3	381.0	385.4
-70°	241.1	252.6	262.0	270.7	279.3	288.0	296.5	303.9	310.2	315.5	319.7
-72.5°	196.7	205.6	213.6	221.3	228.1	235.1	242.0	248.2	253.6	257.8	261.2
-75°	155.2	161.8	168.4	174.4	180.0	185.7	191.2	196.2	200.8	203.9	206.1
-77.5°	116.6	121.8	126.6	131.0	135.0	138.9	142.5	145.8	148.8	151.0	152.6
-80°	83.3	87.0	90.3	93.2	95.8	98.0	99.9	101.4	102.6	105.1	107.5
-82.5°	53.4	56.3	58.9	61.2	63.3	65.0	66.6	68.0	69.2	70.2	71.0
-85°	29.3	30.7	32.0	33.4	34.8	35.8	36.7	37.4	38.1	38.7	39.2
-87.5°	12.3	12.1	11.9	11.6	11.3	11.5	11.7	11.9	12.1	12.8	13.5
-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: P559084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	14.3	14.9	15.0	15.0	15.0	14.9	14.3	13.5	12.8	12.1	11.9
85°	39.6	39.8	41.2	42.5	41.2	39.8	39.6	39.2	38.7	38.1	37.4
82.5°	71.7	72.1	72.4	72.5	72.4	72.1	71.7	71.0	70.2	69.2	68.0
80°	109.8	111.7	111.0	109.9	111.0	111.7	109.8	107.5	105.1	102.6	101.4
77.5°	153.6	154.1	153.5	152.4	153.5	154.1	153.6	152.6	151.0	148.8	145.8
75°	207.7	208.7	209.6	209.9	209.6	208.7	207.7	206.1	203.9	200.8	196.2
72.5°	263.8	265.7	265.7	264.8	265.7	265.7	263.8	261.2	257.8	253.6	248.2
70°	323.0	325.4	326.8	327.3	326.8	325.4	323.0	319.7	315.5	310.2	303.9
67.5°	388.5	390.2	391.7	392.3	391.7	390.2	388.5	385.4	381.0	374.3	365.6
65°	462.0	466.4	467.8	467.2	467.8	466.4	462.0	456.4	449.6	440.9	430.2
62.5°	525.6	533.2	536.4	537.2	536.4	533.2	525.6	517.0	507.8	498.6	488.6
60°	536.4	539.0	539.7	539.7	539.7	539.0	536.4	533.3	529.7	526.7	523.3
57.5°	507.4	504.5	502.7	502.2	502.7	504.5	507.4	510.7	514.2	518.6	523.1
55°	491.2	488.6	487.4	487.2	487.4	488.6	491.2	494.0	497.0	500.5	504.4
52.5°	502.2	501.8	502.9	504.7	502.9	501.8	502.2	502.0	501.3	500.1	498.5
50°	532.8	535.0	537.4	539.7	537.4	535.0	532.8	529.6	525.9	521.5	515.4
47.5°	592.9	596.4	598.5	599.7	598.5	596.4	592.9	586.3	577.1	565.6	551.2
45°	725.4	734.1	738.3	739.6	738.3	734.1	725.4	709.2	684.4	652.7	618.2
42.5°	919.6	932.7	938.3	939.5	938.3	932.7	919.6	895.9	860.0	810.4	757.2
40°	1209.3	1232.6	1243.8	1251.8	1243.8	1232.6	1209.3	1168.5	1111.6	1035.9	964.5
37.5°	1716.5	1774.8	1807.8	1836.4	1807.8	1774.8	1716.5	1626.6	1506.6	1353.2	1251.9
35°	2549.1	2682.7	2761.3	2778.4	2761.3	2682.7	2549.1	2366.7	2142.6	1904.2	1700.9
32.5°	3909.2	4171.2	4327.9	4347.5	4327.9	4171.2	3909.2	3561.0	3108.7	2688.1	2351.2
30°	6724.8	7459.0	7962.1	7892.9	7962.1	7459.0	6724.8	5877.0	4784.9	3971.0	3287.6
27.5°	11737.7	13069.0	13933.9	13861.9	13933.9	13069.0	11737.7	10070.5	8035.4	6499.8	4737.8
25°	17095.4	18320.8	19044.2	19311.3	19044.2	18320.8	17095.4	15420.6	13242.2	10517.2	7667.5
22.5°	21470.5	22566.1	23191.8	23566.3	23191.8	22566.1	21470.5	20013.4	17896.8	15148.5	11970.7
20°	24822.6	25772.8	26311.0	26542.0	26311.0	25772.8	24822.6	23546.6	21676.4	19310.5	16064.8
17.5°	27401.5	28196.8	28806.3	28963.1	28806.3	28196.8	27401.5	26230.0	24572.1	22493.5	19669.5
15°	29682.6	30710.0	31428.6	31696.5	31428.6	30710.0	29682.6	28304.2	26813.6	24879.3	22435.5
12.5°	32559.1	34345.6	35295.4	35514.3	35295.4	34345.6	32559.1	30626.8	28629.1	26816.0	24462.6
10°	36810.8	39556.8	39868.0	39442.0	39868.0	39556.8	36810.8	33744.8	30749.3	28386.5	26026.6
7.5°	43002.8	46664.5	45872.7	44554.1	45872.7	46664.5	43002.8	37230.8	32910.2	29754.6	27153.6
5°	47433.9	52517.7	52675.6	51707.4	52675.6	52517.7	47433.9	41010.2	35211.9	30990.4	28052.8
2.5°	49198.0	54431.3	57035.9	57462.8	57035.9	54431.3	49198.0	42558.3	36500.5	31720.9	28640.8
0°	49330.1	55047.9	58136.1	58903.2	58136.1	55047.9	49330.1	42842.5	36716.1	31928.9	28860.7
-2.5°	49198.0	54431.3	57035.9	57462.8	57035.9	54431.3	49198.0	42558.3	36500.5	31720.9	28640.8
-5°	47433.9	52517.7	52675.6	51707.4	52675.6	52517.7	47433.9	41010.2	35211.9	30990.4	28052.8
-7.5°	43002.8	46664.5	45872.7	44554.1	45872.7	46664.5	43002.8	37230.8	32910.2	29754.6	27153.6
-10°	36810.8	39556.8	39868.0	39442.0	39868.0	39556.8	36810.8	33744.8	30749.3	28386.5	26026.6
-12.5°	32559.1	34345.6	35295.4	35514.3	35295.4	34345.6	32559.1	30626.8	28629.1	26816.0	24462.6
-15°	29682.6	30710.0	31428.6	31696.5	31428.6	30710.0	29682.6	28304.2	26813.6	24879.3	22435.5
-17.5°	27401.5	28196.8	28806.3	28963.1	28806.3	28196.8	27401.5	26230.0	24572.1	22493.5	19669.5
-20°	24822.6	25772.8	26311.0	26542.0	26311.0	25772.8	24822.6	23546.6	21676.4	19310.5	16064.8



REPORT NUMBER: P559084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	21470.5	22566.1	23191.8	23566.3	23191.8	22566.1	21470.5	20013.4	17896.8	15148.5	11970.7
-25°	17095.4	18320.8	19044.2	19311.3	19044.2	18320.8	17095.4	15420.6	13242.2	10517.2	7667.5
-27.5°	11737.7	13069.0	13933.9	13861.9	13933.9	13069.0	11737.7	10070.5	8035.4	6499.8	4737.8
-30°	6724.8	7459.0	7962.1	7892.9	7962.1	7459.0	6724.8	5877.0	4784.9	3971.0	3287.6
-32.5°	3909.2	4171.2	4327.9	4347.5	4327.9	4171.2	3909.2	3561.0	3108.7	2688.1	2351.2
-35°	2549.1	2682.7	2761.3	2778.4	2761.3	2682.7	2549.1	2366.7	2142.6	1904.2	1700.9
-37.5°	1716.5	1774.8	1807.8	1836.4	1807.8	1774.8	1716.5	1626.6	1506.6	1353.2	1251.9
-40°	1209.3	1232.6	1243.8	1251.8	1243.8	1232.6	1209.3	1168.5	1111.6	1035.9	964.5
-42.5°	919.6	932.7	938.3	939.5	938.3	932.7	919.6	895.9	860.0	810.4	757.2
-45°	725.4	734.1	738.3	739.6	738.3	734.1	725.4	709.2	684.4	652.7	618.2
-47.5°	592.9	596.4	598.5	599.7	598.5	596.4	592.9	586.3	577.1	565.6	551.2
-50°	532.8	535.0	537.4	539.7	537.4	535.0	532.8	529.6	525.9	521.5	515.4
-52.5°	502.2	501.8	502.9	504.7	502.9	501.8	502.2	502.0	501.3	500.1	498.5
-55°	491.2	488.6	487.4	487.2	487.4	488.6	491.2	494.0	497.0	500.5	504.4
-57.5°	507.4	504.5	502.7	502.2	502.7	504.5	507.4	510.7	514.2	518.6	523.1
-60°	536.4	539.0	539.7	539.7	539.7	539.0	536.4	533.3	529.7	526.7	523.3
-62.5°	525.6	533.2	536.4	537.2	536.4	533.2	525.6	517.0	507.8	498.6	488.6
-65°	462.0	466.4	467.8	467.2	467.8	466.4	462.0	456.4	449.6	440.9	430.2
-67.5°	388.5	390.2	391.7	392.3	391.7	390.2	388.5	385.4	381.0	374.3	365.6
-70°	323.0	325.4	326.8	327.3	326.8	325.4	323.0	319.7	315.5	310.2	303.9
-72.5°	263.8	265.7	265.7	264.8	265.7	265.7	263.8	261.2	257.8	253.6	248.2
-75°	207.7	208.7	209.6	209.9	209.6	208.7	207.7	206.1	203.9	200.8	196.2
-77.5°	153.6	154.1	153.5	152.4	153.5	154.1	153.6	152.6	151.0	148.8	145.8
-80°	109.8	111.7	111.0	109.9	111.0	111.7	109.8	107.5	105.1	102.6	101.4
-82.5°	71.7	72.1	72.4	72.5	72.4	72.1	71.7	71.0	70.2	69.2	68.0
-85°	39.6	39.8	41.2	42.5	41.2	39.8	39.6	39.2	38.7	38.1	37.4
-87.5°	14.3	14.9	15.0	15.0	15.0	14.9	14.3	13.5	12.8	12.1	11.9
-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: P559084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	11.7	11.5	11.3	11.6	11.9	12.1	12.3	11.9	11.5	11.1	10.6
85°	36.7	35.8	34.8	33.4	32.0	30.7	29.3	28.2	27.0	25.7	24.3
82.5°	66.6	65.0	63.3	61.2	58.9	56.3	53.4	50.7	47.8	44.8	41.7
80°	99.9	98.0	95.8	93.2	90.3	87.0	83.3	79.3	74.9	70.5	66.3
77.5°	142.5	138.9	135.0	131.0	126.6	121.8	116.6	111.4	106.3	100.7	94.5
75°	191.2	185.7	180.0	174.4	168.4	161.8	155.2	148.4	141.2	133.5	125.0
72.5°	242.0	235.1	228.1	221.3	213.6	205.6	196.7	187.2	177.6	168.1	157.8
70°	296.5	288.0	279.3	270.7	262.0	252.6	241.1	228.4	215.0	202.5	190.6
67.5°	356.0	345.7	335.0	323.5	312.1	300.3	287.1	272.7	257.6	241.8	225.8
65°	418.4	405.5	393.4	380.7	366.6	351.1	334.2	317.7	300.9	282.9	264.1
62.5°	477.5	465.3	454.0	439.8	424.1	406.5	387.4	367.5	346.6	324.8	303.8
60°	519.3	515.1	504.2	491.9	478.5	463.1	441.7	419.1	395.4	370.7	345.0
57.5°	527.4	528.9	526.5	523.8	520.8	507.5	489.2	469.8	445.3	417.2	387.8
55°	508.6	514.6	521.5	528.8	533.3	527.5	522.3	510.2	488.0	464.3	432.7
52.5°	497.6	502.8	508.0	513.1	519.8	526.0	531.1	525.5	520.6	500.4	474.0
50°	510.5	508.3	505.7	505.1	508.9	512.2	518.1	525.1	528.1	522.4	507.6
47.5°	541.8	532.3	521.5	515.6	509.3	504.3	508.2	513.4	522.9	530.6	523.5
45°	599.6	577.4	553.8	540.2	524.7	514.9	505.4	506.9	513.4	522.6	532.1
42.5°	711.9	658.3	616.5	583.9	553.8	536.0	519.7	510.1	507.7	514.8	523.0
40°	888.5	799.6	731.9	655.8	607.3	567.3	543.3	522.9	512.7	509.6	514.4
37.5°	1133.0	1010.4	899.5	784.0	696.7	621.9	577.2	546.4	523.9	512.1	508.5
35°	1470.1	1291.0	1121.0	970.2	824.3	718.1	627.5	578.2	544.8	520.8	507.4
32.5°	1976.2	1699.4	1406.2	1205.7	1008.4	841.9	719.2	624.1	567.9	536.2	515.1
30°	2712.3	2257.4	1853.9	1491.0	1233.4	1009.6	826.6	696.4	605.4	552.8	524.2
27.5°	3770.9	2964.2	2423.5	1908.6	1491.1	1209.6	974.7	780.0	650.1	580.0	538.4
25°	5655.5	4078.4	3104.7	2427.1	1866.1	1421.0	1134.0	899.9	721.9	608.4	551.1
22.5°	8427.5	5978.9	4093.6	2997.1	2298.8	1737.0	1317.7	1025.0	789.7	650.5	573.7
20°	12428.5	8497.6	5736.5	3869.1	2802.1	2046.9	1521.1	1165.9	895.7	707.1	596.0
17.5°	16075.2	12022.8	7768.1	4901.9	3429.6	2471.4	1784.5	1301.2	986.7	757.5	615.8
15°	19229.3	15075.5	10528.1	6616.1	4103.9	2862.1	2030.4	1422.6	1072.6	817.8	653.2
12.5°	21468.7	17594.0	13065.9	8096.9	4892.2	3301.1	2320.7	1617.5	1165.7	877.4	687.3
10°	23336.0	19573.3	15150.0	10070.3	6021.6	3773.2	2579.3	1781.0	1244.6	923.2	714.2
7.5°	24465.2	21037.4	16750.1	11735.3	6947.8	4169.7	2792.7	1903.3	1308.0	955.9	734.0
5°	25327.7	22082.3	17913.3	12992.3	7709.8	4468.5	2962.2	1985.1	1354.2	975.8	746.8
2.5°	25967.0	22681.7	18647.2	13751.8	8186.1	4664.4	3075.6	2043.4	1377.0	993.5	757.6
0°	26062.3	22876.7	18691.6	13889.4	8065.3	4754.7	3120.7	2078.8	1376.7	1001.9	762.1
-2.5°	25967.0	22681.7	18647.2	13751.8	8186.1	4664.4	3075.6	2043.4	1377.0	993.5	757.6
-5°	25327.7	22082.3	17913.3	12992.3	7709.8	4468.5	2962.2	1985.1	1354.2	975.8	746.8
-7.5°	24465.2	21037.4	16750.1	11735.3	6947.8	4169.7	2792.7	1903.3	1308.0	955.9	734.0
-10°	23336.0	19573.3	15150.0	10070.3	6021.6	3773.2	2579.3	1781.0	1244.6	923.2	714.2
-12.5°	21468.7	17594.0	13065.9	8096.9	4892.2	3301.1	2320.7	1617.5	1165.7	877.4	687.3
-15°	19229.3	15075.5	10528.1	6616.1	4103.9	2862.1	2030.4	1422.6	1072.6	817.8	653.2
-17.5°	16075.2	12022.8	7768.1	4901.9	3429.6	2471.4	1784.5	1301.2	986.7	757.5	615.8
-20°	12428.5	8497.6	5736.5	3869.1	2802.1	2046.9	1521.1	1165.9	895.7	707.1	596.0



REPORT NUMBER: P559084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	8427.5	5978.9	4093.6	2997.1	2298.8	1737.0	1317.7	1025.0	789.7	650.5	573.7
-25°	5655.5	4078.4	3104.7	2427.1	1866.1	1421.0	1134.0	899.9	721.9	608.4	551.1
-27.5°	3770.9	2964.2	2423.5	1908.6	1491.1	1209.6	974.7	780.0	650.1	580.0	538.4
-30°	2712.3	2257.4	1853.9	1491.0	1233.4	1009.6	826.6	696.4	605.4	552.8	524.2
-32.5°	1976.2	1699.4	1406.2	1205.7	1008.4	841.9	719.2	624.1	567.9	536.2	515.1
-35°	1470.1	1291.0	1121.0	970.2	824.3	718.1	627.5	578.2	544.8	520.8	507.4
-37.5°	1133.0	1010.4	899.5	784.0	696.7	621.9	577.2	546.4	523.9	512.1	508.5
-40°	888.5	799.6	731.9	655.8	607.3	567.3	543.3	522.9	512.7	509.6	514.4
-42.5°	711.9	658.3	616.5	583.9	553.8	536.0	519.7	510.1	507.7	514.8	523.0
-45°	599.6	577.4	553.8	540.2	524.7	514.9	505.4	506.9	513.4	522.6	532.1
-47.5°	541.8	532.3	521.5	515.6	509.3	504.3	508.2	513.4	522.9	530.6	523.5
-50°	510.5	508.3	505.7	505.1	508.9	512.2	518.1	525.1	528.1	522.4	507.6
-52.5°	497.6	502.8	508.0	513.1	519.8	526.0	531.1	525.5	520.6	500.4	474.0
-55°	508.6	514.6	521.5	528.8	533.3	527.5	522.3	510.2	488.0	464.3	432.7
-57.5°	527.4	528.9	526.5	523.8	520.8	507.5	489.2	469.8	445.3	417.2	387.8
-60°	519.3	515.1	504.2	491.9	478.5	463.1	441.7	419.1	395.4	370.7	345.0
-62.5°	477.5	465.3	454.0	439.8	424.1	406.5	387.4	367.5	346.6	324.8	303.8
-65°	418.4	405.5	393.4	380.7	366.6	351.1	334.2	317.7	300.9	282.9	264.1
-67.5°	356.0	345.7	335.0	323.5	312.1	300.3	287.1	272.7	257.6	241.8	225.8
-70°	296.5	288.0	279.3	270.7	262.0	252.6	241.1	228.4	215.0	202.5	190.6
-72.5°	242.0	235.1	228.1	221.3	213.6	205.6	196.7	187.2	177.6	168.1	157.8
-75°	191.2	185.7	180.0	174.4	168.4	161.8	155.2	148.4	141.2	133.5	125.0
-77.5°	142.5	138.9	135.0	131.0	126.6	121.8	116.6	111.4	106.3	100.7	94.5
-80°	99.9	98.0	95.8	93.2	90.3	87.0	83.3	79.3	74.9	70.5	66.3
-82.5°	66.6	65.0	63.3	61.2	58.9	56.3	53.4	50.7	47.8	44.8	41.7
-85°	36.7	35.8	34.8	33.4	32.0	30.7	29.3	28.2	27.0	25.7	24.3
-87.5°	11.7	11.5	11.3	11.6	11.9	12.1	12.3	11.9	11.5	11.1	10.6
-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: P559084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	10.1	9.6	9.1	8.6	8.1	7.5	6.9	6.3	5.7	5.1	4.5
85°	23.1	21.8	20.3	18.7	16.8	15.0	13.8	12.7	11.5	10.2	9.0
82.5°	39.0	37.0	35.1	32.9	30.2	27.4	24.6	21.6	18.7	15.6	13.5
80°	62.0	57.8	53.6	49.3	44.5	39.8	36.0	32.1	28.5	24.5	20.3
77.5°	87.6	80.7	73.7	67.6	61.3	55.1	49.0	43.1	38.2	33.4	28.3
75°	115.4	106.5	97.7	88.7	79.4	70.2	62.7	55.4	48.8	42.3	36.2
72.5°	146.6	135.1	123.1	110.7	99.6	88.6	77.6	67.6	59.6	51.8	44.2
70°	178.0	164.6	150.9	136.5	121.5	106.8	94.2	82.1	70.3	61.1	52.2
67.5°	209.6	194.9	179.4	162.5	145.6	128.5	111.1	97.0	83.8	70.3	60.1
65°	245.6	226.8	208.0	189.6	170.2	150.5	131.3	112.9	97.0	82.1	67.8
62.5°	282.1	260.0	238.7	216.9	195.5	173.6	151.3	131.2	110.8	93.7	77.2
60°	319.5	295.0	269.4	244.9	220.8	196.9	172.6	149.2	127.0	105.1	87.2
57.5°	359.2	330.2	302.0	273.4	246.1	219.9	193.6	167.6	142.8	118.6	96.9
55°	399.4	367.0	334.6	303.2	271.9	242.4	214.1	185.7	158.4	132.4	106.5
52.5°	441.8	404.2	367.9	332.9	298.9	265.1	234.6	203.2	174.0	145.7	117.9
50°	478.5	442.4	401.4	362.8	325.4	289.7	254.7	221.5	188.9	158.7	129.2
47.5°	508.7	474.6	435.4	392.2	352.0	313.6	276.0	239.6	203.1	171.2	139.9
45°	521.6	502.4	465.3	422.2	378.0	337.4	297.2	257.3	218.9	183.3	150.2
42.5°	529.0	516.9	490.7	450.5	405.0	360.6	317.5	275.5	234.4	194.9	160.1
40°	521.8	523.9	510.5	474.3	431.5	382.9	337.7	293.1	249.4	206.7	169.8
37.5°	513.4	522.3	516.9	497.3	455.9	406.3	357.0	310.0	263.8	219.3	179.1
35°	508.1	514.6	523.8	510.7	476.0	428.7	375.4	326.2	277.9	231.2	188.0
32.5°	503.6	508.5	518.7	516.6	494.8	450.0	394.0	341.6	291.1	242.3	196.4
30°	507.6	504.9	512.8	521.9	508.6	466.5	412.1	356.1	303.5	252.6	204.5
27.5°	513.5	501.1	507.7	519.4	513.1	481.4	428.6	369.5	315.0	262.3	212.9
25°	520.4	503.5	504.3	514.6	517.1	494.9	443.7	381.9	325.9	271.7	220.5
22.5°	531.1	507.6	500.9	510.2	520.8	507.3	456.1	394.3	335.9	280.2	227.5
20°	540.7	510.9	497.6	506.0	520.1	510.3	466.2	405.4	345.0	287.8	233.7
17.5°	550.7	516.1	499.6	503.2	516.6	513.1	475.3	415.1	353.0	294.6	239.1
15°	566.9	523.2	502.0	500.8	513.2	515.5	483.5	423.5	359.9	300.4	243.9
12.5°	580.7	529.0	503.8	498.8	510.0	517.5	490.5	430.5	365.8	305.3	248.0
10°	592.0	533.7	505.0	497.1	507.1	519.2	496.4	436.8	371.1	309.1	251.4
7.5°	600.5	537.1	505.7	495.8	504.7	520.5	501.8	443.2	375.5	312.0	254.0
5°	606.8	540.8	507.5	495.2	503.3	521.5	505.8	448.4	378.9	313.9	255.9
2.5°	612.1	545.9	510.0	494.8	502.5	522.0	508.4	452.2	381.2	314.8	257.0
0°	614.6	549.7	512.2	494.7	502.2	522.2	509.7	454.7	382.3	314.8	257.4
-2.5°	612.1	545.9	510.0	494.8	502.5	522.0	508.4	452.2	381.2	314.8	257.0
-5°	606.8	540.8	507.5	495.2	503.3	521.5	505.8	448.4	378.9	313.9	255.9
-7.5°	600.5	537.1	505.7	495.8	504.7	520.5	501.8	443.2	375.5	312.0	254.0
-10°	592.0	533.7	505.0	497.1	507.1	519.2	496.4	436.8	371.1	309.1	251.4
-12.5°	580.7	529.0	503.8	498.8	510.0	517.5	490.5	430.5	365.8	305.3	248.0
-15°	566.9	523.2	502.0	500.8	513.2	515.5	483.5	423.5	359.9	300.4	243.9
-17.5°	550.7	516.1	499.6	503.2	516.6	513.1	475.3	415.1	353.0	294.6	239.1
-20°	540.7	510.9	497.6	506.0	520.1	510.3	466.2	405.4	345.0	287.8	233.7



REPORT NUMBER: P559084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	531.1	507.6	500.9	510.2	520.8	507.3	456.1	394.3	335.9	280.2	227.5
-25°	520.4	503.5	504.3	514.6	517.1	494.9	443.7	381.9	325.9	271.7	220.5
-27.5°	513.5	501.1	507.7	519.4	513.1	481.4	428.6	369.5	315.0	262.3	212.9
-30°	507.6	504.9	512.8	521.9	508.6	466.5	412.1	356.1	303.5	252.6	204.5
-32.5°	503.6	508.5	518.7	516.6	494.8	450.0	394.0	341.6	291.1	242.3	196.4
-35°	508.1	514.6	523.8	510.7	476.0	428.7	375.4	326.2	277.9	231.2	188.0
-37.5°	513.4	522.3	516.9	497.3	455.9	406.3	357.0	310.0	263.8	219.3	179.1
-40°	521.8	523.9	510.5	474.3	431.5	382.9	337.7	293.1	249.4	206.7	169.8
-42.5°	529.0	516.9	490.7	450.5	405.0	360.6	317.5	275.5	234.4	194.9	160.1
-45°	521.6	502.4	465.3	422.2	378.0	337.4	297.2	257.3	218.9	183.3	150.2
-47.5°	508.7	474.6	435.4	392.2	352.0	313.6	276.0	239.6	203.1	171.2	139.9
-50°	478.5	442.4	401.4	362.8	325.4	289.7	254.7	221.5	188.9	158.7	129.2
-52.5°	441.8	404.2	367.9	332.9	298.9	265.1	234.6	203.2	174.0	145.7	117.9
-55°	399.4	367.0	334.6	303.2	271.9	242.4	214.1	185.7	158.4	132.4	106.5
-57.5°	359.2	330.2	302.0	273.4	246.1	219.9	193.6	167.6	142.8	118.6	96.9
-60°	319.5	295.0	269.4	244.9	220.8	196.9	172.6	149.2	127.0	105.1	87.2
-62.5°	282.1	260.0	238.7	216.9	195.5	173.6	151.3	131.2	110.8	93.7	77.2
-65°	245.6	226.8	208.0	189.6	170.2	150.5	131.3	112.9	97.0	82.1	67.8
-67.5°	209.6	194.9	179.4	162.5	145.6	128.5	111.1	97.0	83.8	70.3	60.1
-70°	178.0	164.6	150.9	136.5	121.5	106.8	94.2	82.1	70.3	61.1	52.2
-72.5°	146.6	135.1	123.1	110.7	99.6	88.6	77.6	67.6	59.6	51.8	44.2
-75°	115.4	106.5	97.7	88.7	79.4	70.2	62.7	55.4	48.8	42.3	36.2
-77.5°	87.6	80.7	73.7	67.6	61.3	55.1	49.0	43.1	38.2	33.4	28.3
-80°	62.0	57.8	53.6	49.3	44.5	39.8	36.0	32.1	28.5	24.5	20.3
-82.5°	39.0	37.0	35.1	32.9	30.2	27.4	24.6	21.6	18.7	15.6	13.5
-85°	23.1	21.8	20.3	18.7	16.8	15.0	13.8	12.7	11.5	10.2	9.0
-87.5°	10.1	9.6	9.1	8.6	8.1	7.5	6.9	6.3	5.7	5.1	4.5
-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: P559084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
85°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
82.5°	11.6	9.7	7.8	5.9	3.9	2.0	0.0
80°	15.8	12.9	10.4	7.8	5.2	2.6	0.0
77.5°	22.8	17.0	12.9	9.7	6.5	3.2	0.0
75°	29.7	22.6	15.8	11.6	7.8	3.9	0.0
72.5°	36.5	28.2	20.2	13.5	9.0	4.5	0.0
70°	43.2	33.6	24.4	15.6	10.2	5.1	0.0
67.5°	49.9	39.0	28.7	18.7	11.5	5.7	0.0
65°	56.6	44.5	32.8	21.7	12.7	6.3	0.0
62.5°	63.2	50.2	36.8	24.7	13.8	6.9	0.0
60°	69.7	55.8	40.7	27.6	15.0	7.5	0.0
57.5°	78.0	61.3	45.2	30.4	16.9	8.1	0.0
55°	86.2	66.8	49.7	33.1	18.7	8.6	0.0
52.5°	94.2	72.3	54.0	35.8	20.5	9.1	0.0
50°	101.9	78.8	58.2	38.3	22.3	9.6	0.0
47.5°	109.6	85.0	62.3	40.9	24.0	10.1	0.0
45°	118.4	91.0	66.4	43.9	25.6	10.6	0.0
42.5°	126.7	96.8	70.2	46.8	27.2	11.1	0.0
40°	134.5	102.3	74.3	49.6	28.8	11.5	0.0
37.5°	141.8	107.5	78.5	52.3	30.2	11.9	0.0
35°	148.7	113.0	82.4	54.8	31.6	12.3	0.0
32.5°	155.3	118.4	86.2	57.1	32.9	12.6	0.0
30°	162.0	123.4	89.7	59.3	34.2	13.0	0.0
27.5°	168.2	128.0	92.7	61.2	35.4	13.3	0.0
25°	173.9	132.2	95.4	62.9	36.5	13.6	0.0
22.5°	179.2	135.9	97.8	64.5	37.5	13.9	0.0
20°	183.9	139.1	100.0	65.8	38.4	14.1	0.0
17.5°	188.2	141.8	101.9	67.0	39.3	14.3	0.0
15°	191.8	144.2	103.6	67.9	40.0	14.5	0.0
12.5°	195.0	146.2	104.9	68.7	40.7	14.6	0.0
10°	197.6	147.7	106.0	69.3	41.2	14.8	0.0
7.5°	199.7	148.9	106.8	69.8	41.7	14.9	0.0
5°	201.2	149.6	107.3	70.0	42.1	14.9	0.0
2.5°	202.1	150.0	107.5	70.1	42.3	15.0	0.0
0°	202.4	149.9	107.4	70.0	42.5	15.0	0.0
-2.5°	202.1	150.0	107.5	70.1	42.3	15.0	0.0
-5°	201.2	149.6	107.3	70.0	42.1	14.9	0.0
-7.5°	199.7	148.9	106.8	69.8	41.7	14.9	0.0
-10°	197.6	147.7	106.0	69.3	41.2	14.8	0.0
-12.5°	195.0	146.2	104.9	68.7	40.7	14.6	0.0
-15°	191.8	144.2	103.6	67.9	40.0	14.5	0.0
-17.5°	188.2	141.8	101.9	67.0	39.3	14.3	0.0
-20°	183.9	139.1	100.0	65.8	38.4	14.1	0.0



REPORT NUMBER: P559084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	179.2	135.9	97.8	64.5	37.5	13.9	0.0
-25°	173.9	132.2	95.4	62.9	36.5	13.6	0.0
-27.5°	168.2	128.0	92.7	61.2	35.4	13.3	0.0
-30°	162.0	123.4	89.7	59.3	34.2	13.0	0.0
-32.5°	155.3	118.4	86.2	57.1	32.9	12.6	0.0
-35°	148.7	113.0	82.4	54.8	31.6	12.3	0.0
-37.5°	141.8	107.5	78.5	52.3	30.2	11.9	0.0
-40°	134.5	102.3	74.3	49.6	28.8	11.5	0.0
-42.5°	126.7	96.8	70.2	46.8	27.2	11.1	0.0
-45°	118.4	91.0	66.4	43.9	25.6	10.6	0.0
-47.5°	109.6	85.0	62.3	40.9	24.0	10.1	0.0
-50°	101.9	78.8	58.2	38.3	22.3	9.6	0.0
-52.5°	94.2	72.3	54.0	35.8	20.5	9.1	0.0
-55°	86.2	66.8	49.7	33.1	18.7	8.6	0.0
-57.5°	78.0	61.3	45.2	30.4	16.9	8.1	0.0
-60°	69.7	55.8	40.7	27.6	15.0	7.5	0.0
-62.5°	63.2	50.2	36.8	24.7	13.8	6.9	0.0
-65°	56.6	44.5	32.8	21.7	12.7	6.3	0.0
-67.5°	49.9	39.0	28.7	18.7	11.5	5.7	0.0
-70°	43.2	33.6	24.4	15.6	10.2	5.1	0.0
-72.5°	36.5	28.2	20.2	13.5	9.0	4.5	0.0
-75°	29.7	22.6	15.8	11.6	7.8	3.9	0.0
-77.5°	22.8	17.0	12.9	9.7	6.5	3.2	0.0
-80°	15.8	12.9	10.4	7.8	5.2	2.6	0.0
-82.5°	11.6	9.7	7.8	5.9	3.9	2.0	0.0
-85°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
-87.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)