

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: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-935-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4D-935-U-WR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

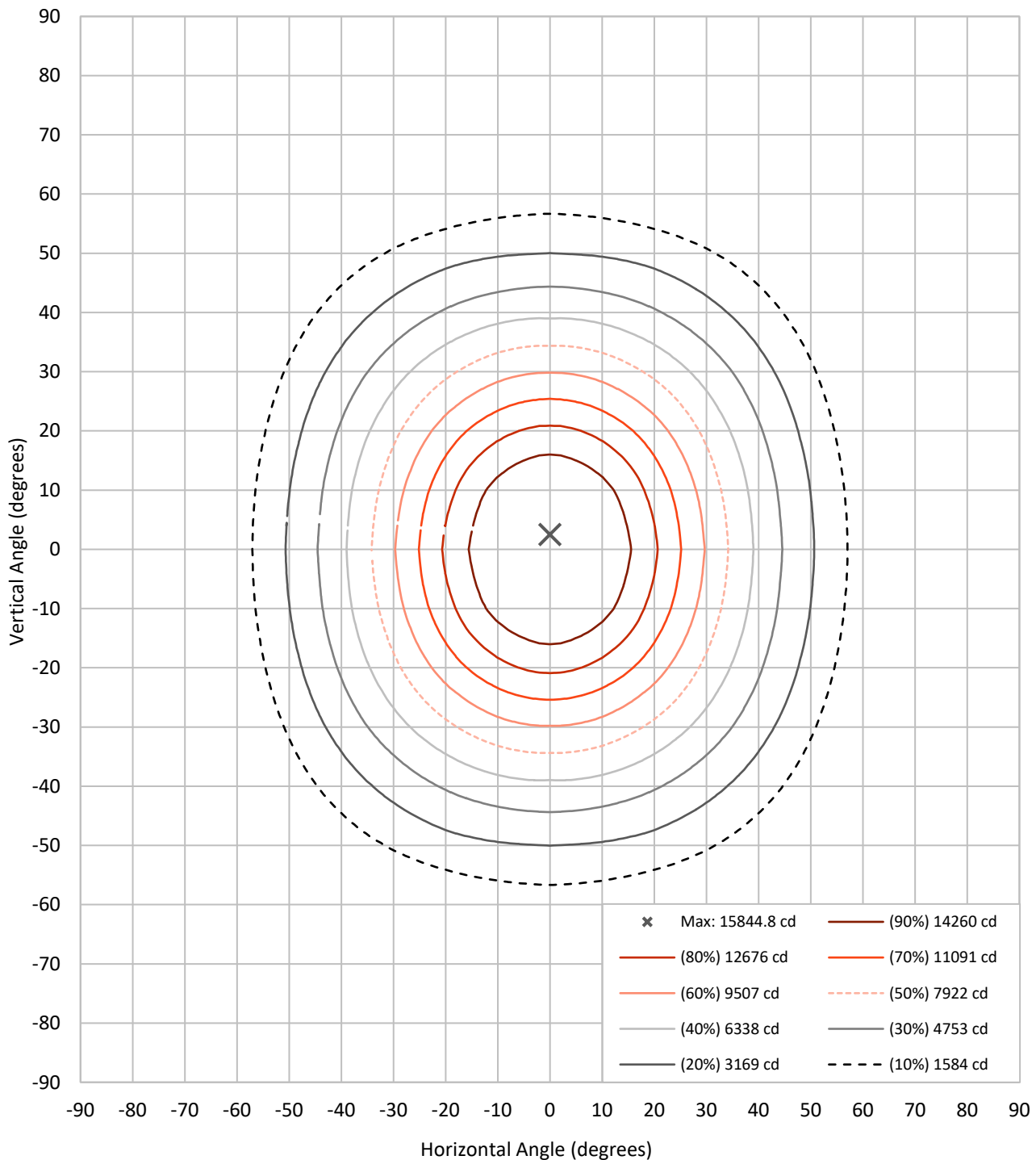
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	21444.5 lumens	Max Intensity:	15844.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	98.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	12857.5 lumens	Field Lumens:	20485.3 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 217
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: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-935-U-WR-XX

Iso-Candela Plot





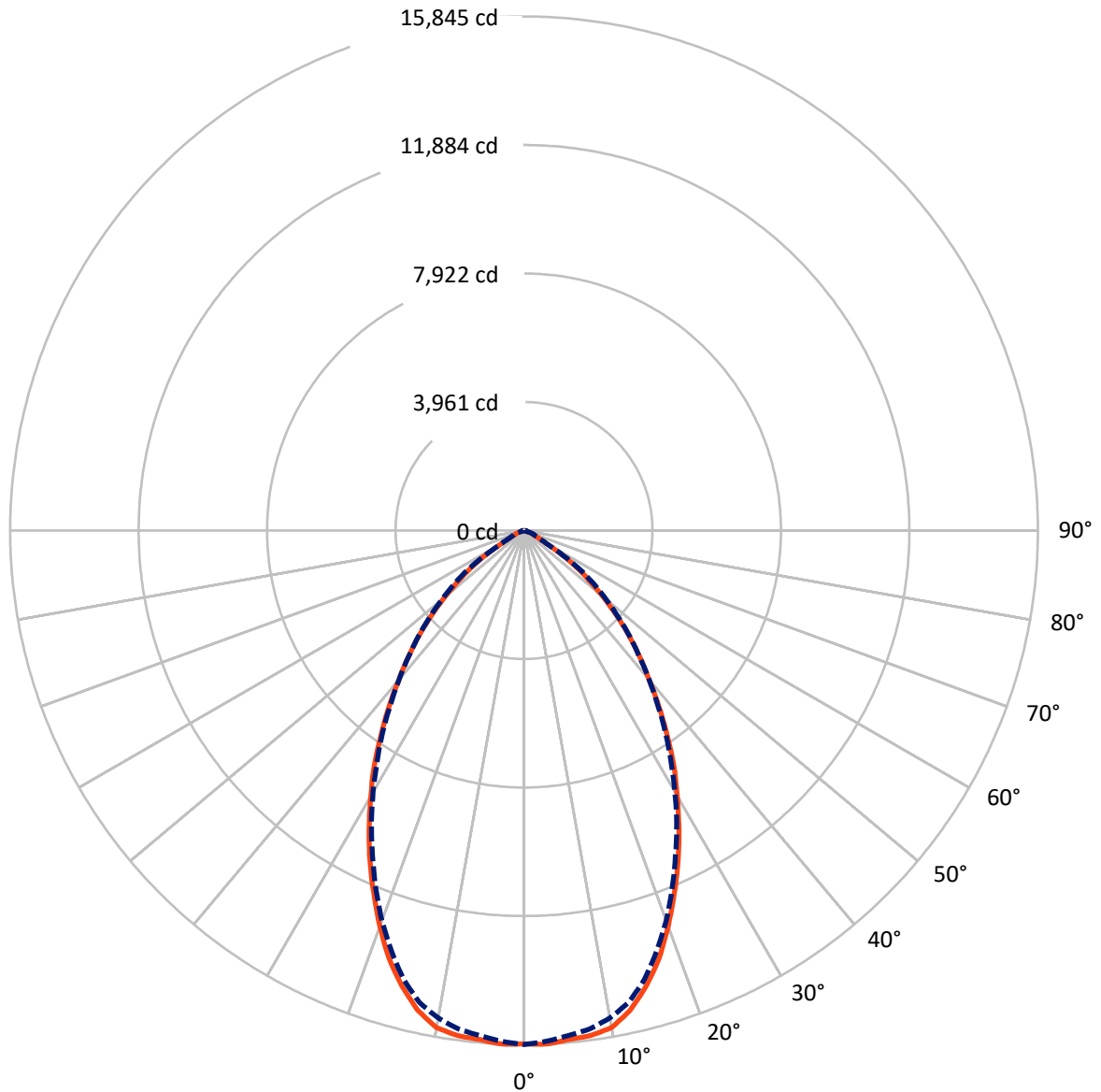
REPORT NUMBER: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-XX

Lumen Table

90																			
80	0.2	2.1		5.2		9.0		6.3		9.0		5.2		2.1		0.2			
70																			
60	1.0	1.5	2.9	4.6	6.6	8.6	10.6	12.0	12.0	10.6	8.6	6.6	4.6	2.9	1.5	1.0			
50		2.3	4.8	8.6	16.7	32.2	48.3	57.9	57.9	48.3	32.2	16.7	8.6	4.8	2.3				
40	1.7	3.1	7.0	20.5	54.1	89.9	119.5	136.3	136.3	119.5	89.9	54.1	20.5	7.0	3.1	1.7			
30		3.8	12.1	47.4	97.1	151.5	200.8	230.3	230.3	200.8	151.5	97.1	47.4	12.1	3.8				
20	1.8	4.6	22.0	71.6	137.7	215.5	288.0	333.6	333.6	288.0	215.5	137.7	71.6	22.0	4.6	1.8			
10		5.4	31.3	89.1	169.7	269.2	366.7	428.4	428.4	366.7	269.2	169.7	89.1	31.3	5.4				
0	1.9	5.9	36.6	98.5	187.7	300.9	411.9	470.9	470.9	411.9	300.9	187.7	98.5	36.6	5.9	1.9			
-10		5.9	36.6	98.5	187.7	300.9	411.9	470.9	470.9	411.9	300.9	187.7	98.5	36.6	5.9				
-20	1.8	5.4	31.3	89.1	169.7	269.2	366.7	428.4	428.4	366.7	269.2	169.7	89.1	31.3	5.4	1.8			
-30		4.6	22.0	71.6	137.7	215.5	288.0	333.6	333.6	288.0	215.5	137.7	71.6	22.0	4.6				
-40	1.7	3.8	12.1	47.4	97.1	151.5	200.8	230.3	230.3	200.8	151.5	97.1	47.4	12.1	3.8	1.7			
-50		3.1	7.0	20.5	54.1	89.9	119.5	136.3	136.3	119.5	89.9	54.1	20.5	7.0	3.1				
-60	1.0	2.3	4.8	8.6	16.7	32.2	48.3	57.9	57.9	48.3	32.2	16.7	8.6	4.8	2.3	1.0			
-70		1.5	2.9	4.6	6.6	8.6	10.6	12.0	12.0	10.6	8.6	6.6	4.6	2.9	1.5				
-80																			
-90	0.2	2.1		5.2		9.0		6.3		9.0		5.2		2.1		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-935-U-WR-XX

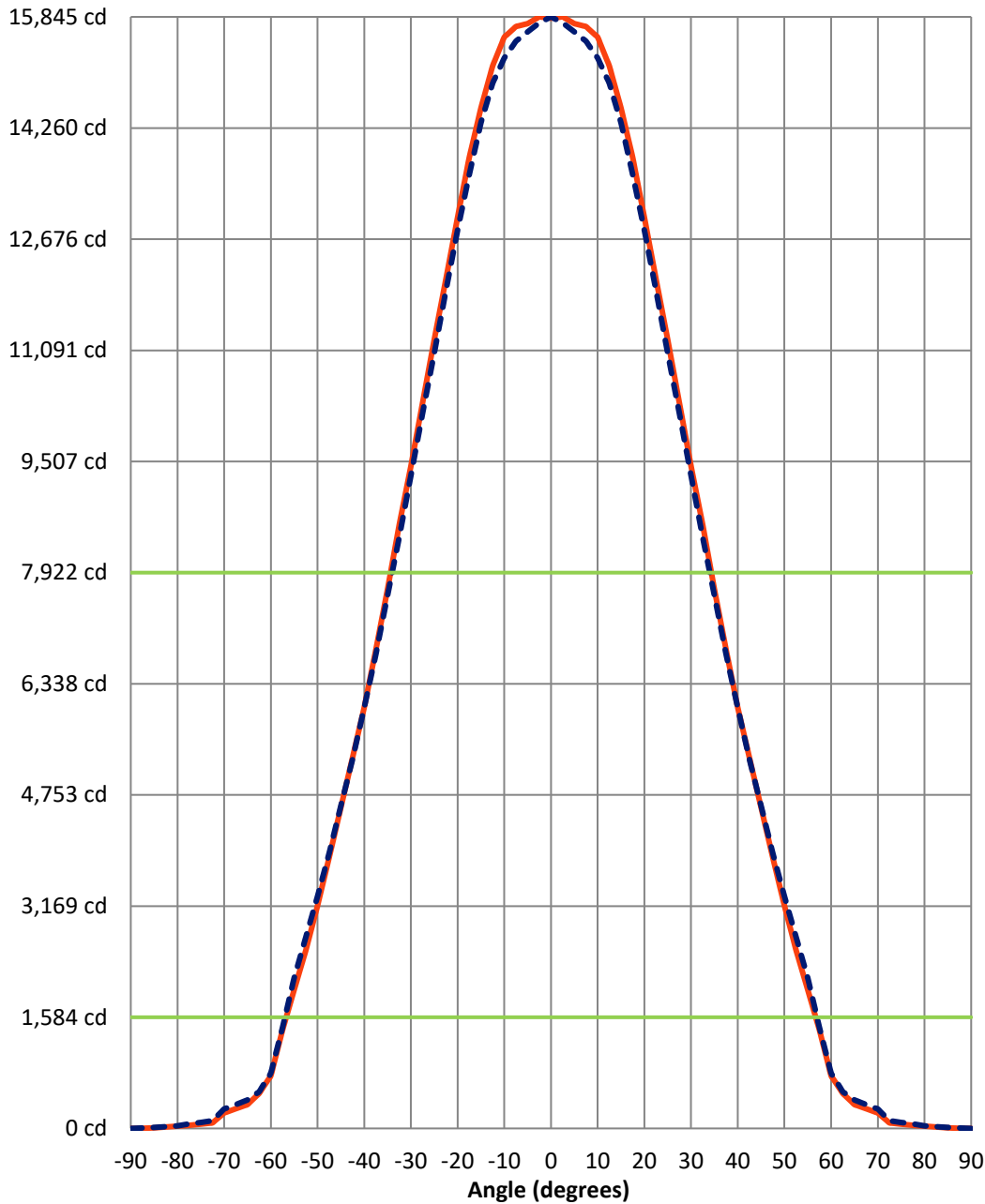
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

REPORT NUMBER: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-935-U-WR-XX

Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 12857.5
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 20485.3
Efficiency: 95.5%

Spill:
Lumens: 959.3
Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-Deg



REPORT NUMBER: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-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	0.3	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.6	9.0	11.5
80°	0.0	1.1	2.1	3.2	4.2	5.3	6.6	9.8	13.1	16.5	20.0
77.5°	0.0	1.3	2.6	4.0	5.3	7.2	11.2	15.3	19.5	23.9	29.8
75°	0.0	1.6	3.2	4.7	6.5	10.5	15.7	20.8	26.4	35.3	44.1
72.5°	0.0	1.8	3.7	5.5	8.6	13.6	19.9	27.4	37.8	48.1	58.1
70°	0.0	2.1	4.2	6.3	10.7	16.6	24.5	37.2	49.0	60.7	77.4
67.5°	0.0	2.3	4.7	7.6	12.6	19.5	32.1	47.0	60.2	77.7	97.3
65°	0.0	2.6	5.2	8.8	14.5	23.3	39.1	56.5	73.8	94.0	116.2
62.5°	0.0	2.8	5.6	9.9	16.3	27.9	45.6	66.8	86.9	109.9	134.2
60°	0.0	3.0	6.1	10.9	17.9	32.1	51.6	77.1	99.3	127.1	152.4
57.5°	0.0	3.3	6.7	11.9	20.4	36.0	57.6	86.3	114.4	144.3	167.5
55°	0.0	3.5	7.3	12.8	22.7	39.4	63.0	93.5	130.2	160.4	181.2
52.5°	0.0	3.7	7.9	13.6	24.7	42.4	67.6	104.1	145.9	173.1	195.0
50°	0.0	3.9	8.4	14.4	26.4	45.2	71.4	114.0	160.3	185.6	209.4
47.5°	0.0	4.1	9.0	15.1	27.9	47.4	75.0	122.6	171.5	198.1	223.1
45°	0.0	4.3	9.5	15.9	29.0	49.1	81.0	129.9	176.4	209.4	235.8
42.5°	0.0	4.5	10.0	16.5	29.8	50.2	86.1	133.9	179.5	220.0	249.9
40°	0.0	4.7	10.5	17.3	30.3	50.8	90.1	135.5	181.5	228.8	263.8
37.5°	0.0	4.8	10.9	18.1	30.6	50.8	93.1	135.9	183.4	232.6	277.2
35°	0.0	5.0	11.3	18.9	30.5	51.9	95.2	135.2	185.3	241.2	290.6
32.5°	0.0	5.1	11.7	19.6	30.0	53.3	95.6	133.4	187.2	252.0	303.9
30°	0.0	5.3	12.1	20.3	29.3	54.0	93.8	131.5	189.0	264.9	316.5
27.5°	0.0	5.4	12.4	21.0	30.0	54.0	91.2	131.9	193.7	279.8	328.3
25°	0.0	5.5	12.8	21.5	30.9	53.4	87.9	131.9	203.7	291.5	339.6
22.5°	0.0	5.6	13.0	22.1	31.8	53.4	83.9	131.6	214.3	300.5	353.9
20°	0.0	5.7	13.3	22.6	32.6	55.9	79.3	130.9	225.2	308.6	366.6
17.5°	0.0	5.8	13.5	23.0	33.4	58.1	78.4	129.7	236.2	315.9	377.7
15°	0.0	5.9	13.7	23.4	34.1	60.0	80.0	129.0	246.9	322.3	387.3
12.5°	0.0	6.0	13.9	23.7	34.7	61.6	81.4	128.2	256.4	327.8	395.2
10°	0.0	6.0	14.1	23.9	35.3	62.9	82.6	125.6	264.2	332.1	401.1
7.5°	0.0	6.0	14.2	24.1	35.7	63.9	83.7	121.6	270.5	335.5	404.5
5°	0.0	6.1	14.2	24.3	36.1	64.6	84.5	116.5	274.9	338.0	406.3
2.5°	0.0	6.1	14.3	24.4	36.5	65.1	85.1	110.5	277.2	339.6	406.5
0°	0.0	6.1	14.3	24.4	36.7	65.2	85.5	103.9	277.0	340.2	405.3
-2.5°	0.0	6.1	14.3	24.4	36.5	65.1	85.1	110.5	277.2	339.6	406.5
-5°	0.0	6.1	14.2	24.3	36.1	64.6	84.5	116.5	274.9	338.0	406.3
-7.5°	0.0	6.0	14.2	24.1	35.7	63.9	83.7	121.6	270.5	335.5	404.5
-10°	0.0	6.0	14.1	23.9	35.3	62.9	82.6	125.6	264.2	332.1	401.1
-12.5°	0.0	6.0	13.9	23.7	34.7	61.6	81.4	128.2	256.4	327.8	395.2
-15°	0.0	5.9	13.7	23.4	34.1	60.0	80.0	129.0	246.9	322.3	387.3
-17.5°	0.0	5.8	13.5	23.0	33.4	58.1	78.4	129.7	236.2	315.9	377.7
-20°	0.0	5.7	13.3	22.6	32.6	55.9	79.3	130.9	225.2	308.6	366.6



REPORT NUMBER: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.6	13.0	22.1	31.8	53.4	83.9	131.6	214.3	300.5	353.9
-25°	0.0	5.5	12.8	21.5	30.9	53.4	87.9	131.9	203.7	291.5	339.6
-27.5°	0.0	5.4	12.4	21.0	30.0	54.0	91.2	131.9	193.7	279.8	328.3
-30°	0.0	5.3	12.1	20.3	29.3	54.0	93.8	131.5	189.0	264.9	316.5
-32.5°	0.0	5.1	11.7	19.6	30.0	53.3	95.6	133.4	187.2	252.0	303.9
-35°	0.0	5.0	11.3	18.9	30.5	51.9	95.2	135.2	185.3	241.2	290.6
-37.5°	0.0	4.8	10.9	18.1	30.6	50.8	93.1	135.9	183.4	232.6	277.2
-40°	0.0	4.7	10.5	17.3	30.3	50.8	90.1	135.5	181.5	228.8	263.8
-42.5°	0.0	4.5	10.0	16.5	29.8	50.2	86.1	133.9	179.5	220.0	249.9
-45°	0.0	4.3	9.5	15.9	29.0	49.1	81.0	129.9	176.4	209.4	235.8
-47.5°	0.0	4.1	9.0	15.1	27.9	47.4	75.0	122.6	171.5	198.1	223.1
-50°	0.0	3.9	8.4	14.4	26.4	45.2	71.4	114.0	160.3	185.6	209.4
-52.5°	0.0	3.7	7.9	13.6	24.7	42.4	67.6	104.1	145.9	173.1	195.0
-55°	0.0	3.5	7.3	12.8	22.7	39.4	63.0	93.5	130.2	160.4	181.2
-57.5°	0.0	3.3	6.7	11.9	20.4	36.0	57.6	86.3	114.4	144.3	167.5
-60°	0.0	3.0	6.1	10.9	17.9	32.1	51.6	77.1	99.3	127.1	152.4
-62.5°	0.0	2.8	5.6	9.9	16.3	27.9	45.6	66.8	86.9	109.9	134.2
-65°	0.0	2.6	5.2	8.8	14.5	23.3	39.1	56.5	73.8	94.0	116.2
-67.5°	0.0	2.3	4.7	7.6	12.6	19.5	32.1	47.0	60.2	77.7	97.3
-70°	0.0	2.1	4.2	6.3	10.7	16.6	24.5	37.2	49.0	60.7	77.4
-72.5°	0.0	1.8	3.7	5.5	8.6	13.6	19.9	27.4	37.8	48.1	58.1
-75°	0.0	1.6	3.2	4.7	6.5	10.5	15.7	20.8	26.4	35.3	44.1
-77.5°	0.0	1.3	2.6	4.0	5.3	7.2	11.2	15.3	19.5	23.9	29.8
-80°	0.0	1.1	2.1	3.2	4.2	5.3	6.6	9.8	13.1	16.5	20.0
-82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.6	9.0	11.5
-85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
-87.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
-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: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-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°	2.6	2.6	2.5	2.4	2.5	2.6	2.8	2.9	2.6	2.3	2.0
85°	5.2	5.1	5.8	6.2	6.9	7.3	7.5	7.5	8.4	9.5	10.8
82.5°	12.9	13.8	14.3	14.4	14.7	14.6	14.4	14.3	17.7	21.9	26.7
80°	21.7	22.6	26.0	29.7	31.6	31.6	29.9	26.7	31.6	39.5	49.0
77.5°	35.3	40.5	46.0	51.6	52.7	50.0	45.6	39.6	46.7	60.7	76.6
75°	51.4	58.5	66.5	72.5	72.5	68.2	62.5	61.3	73.2	90.1	104.2
72.5°	70.2	80.6	88.4	93.5	93.1	92.3	94.5	99.5	109.3	121.7	132.6
70°	93.1	103.4	109.2	111.8	112.8	118.5	126.9	133.2	140.2	152.4	163.8
67.5°	115.7	123.6	128.6	132.1	141.6	152.4	160.8	168.6	177.2	189.7	200.1
65°	135.8	143.9	151.0	161.6	175.4	185.7	195.8	206.2	221.0	235.0	243.5
62.5°	155.4	164.1	174.9	189.3	204.3	217.4	233.8	252.2	271.5	285.9	302.4
60°	170.7	183.0	198.3	215.4	233.3	254.6	275.6	297.3	317.1	336.4	360.6
57.5°	185.2	202.9	222.1	242.1	265.8	292.4	318.1	341.5	366.4	393.2	420.6
55°	201.1	224.3	245.6	269.5	298.4	332.2	360.8	388.4	418.2	463.4	502.8
52.5°	218.5	244.2	268.2	297.5	333.4	369.5	401.9	440.7	490.5	557.7	666.5
50°	235.0	262.5	290.6	328.4	367.3	405.3	452.3	506.3	606.1	731.3	950.4
47.5°	251.3	280.5	317.7	358.6	400.9	451.0	510.5	628.7	764.8	1076.5	1387.2
45°	267.6	302.2	343.3	389.6	440.2	503.1	626.7	772.4	1142.7	1501.3	1874.9
42.5°	283.4	323.9	370.9	420.3	486.3	600.2	759.5	1144.3	1545.2	1957.0	2315.6
40°	301.4	344.2	398.6	461.3	548.5	721.5	1078.9	1512.1	1964.0	2353.1	2701.9
37.5°	318.3	369.0	428.1	501.1	657.9	946.6	1407.0	1887.5	2325.1	2705.3	3078.0
35°	333.8	393.0	463.4	572.8	765.0	1240.8	1739.9	2228.6	2646.9	3052.8	3460.5
32.5°	352.0	416.2	497.4	667.9	1010.8	1524.9	2056.0	2521.6	2959.7	3392.5	3858.2
30°	372.1	445.0	544.7	758.7	1254.2	1800.9	2327.1	2802.8	3256.9	3737.7	4236.4
27.5°	391.2	472.7	623.0	934.6	1483.1	2058.6	2573.7	3063.2	3550.7	4062.7	4599.6
25°	408.4	499.1	696.5	1127.5	1704.0	2278.5	2800.6	3298.8	3825.2	4381.5	4946.5
22.5°	427.0	524.8	762.8	1303.1	1906.1	2474.2	3001.0	3529.2	4086.4	4676.0	5265.3
20°	447.0	579.7	871.8	1465.4	2089.8	2652.1	3180.9	3743.3	4330.7	4941.4	5563.9
17.5°	465.3	628.2	1002.0	1619.2	2244.2	2806.7	3342.8	3937.2	4543.3	5181.7	5837.3
15°	481.8	670.3	1116.8	1755.3	2375.3	2938.1	3500.7	4109.3	4732.1	5397.1	6078.1
12.5°	496.2	705.8	1215.4	1873.0	2485.9	3050.4	3633.4	4254.4	4900.4	5585.4	6295.1
10°	508.5	734.7	1297.4	1971.4	2575.9	3143.1	3739.8	4375.3	5034.4	5737.0	6470.0
7.5°	516.4	758.6	1362.3	2050.0	2645.3	3215.6	3820.1	4470.4	5132.4	5855.4	6602.4
5°	521.4	778.1	1409.2	2108.1	2695.8	3270.3	3878.0	4538.8	5195.3	5938.5	6691.4
2.5°	523.8	791.6	1437.8	2145.3	2727.5	3308.7	3925.9	4598.8	5261.5	5997.7	6760.3
0°	523.5	798.5	1448.2	2161.1	2739.6	3326.2	3949.5	4629.8	5304.0	6023.0	6807.2
-2.5°	523.8	791.6	1437.8	2145.3	2727.5	3308.7	3925.9	4598.8	5261.5	5997.7	6760.3
-5°	521.4	778.1	1409.2	2108.1	2695.8	3270.3	3878.0	4538.8	5195.3	5938.5	6691.4
-7.5°	516.4	758.6	1362.3	2050.0	2645.3	3215.6	3820.1	4470.4	5132.4	5855.4	6602.4
-10°	508.5	734.7	1297.4	1971.4	2575.9	3143.1	3739.8	4375.3	5034.4	5737.0	6470.0
-12.5°	496.2	705.8	1215.4	1873.0	2485.9	3050.4	3633.4	4254.4	4900.4	5585.4	6295.1
-15°	481.8	670.3	1116.8	1755.3	2375.3	2938.1	3500.7	4109.3	4732.1	5397.1	6078.1
-17.5°	465.3	628.2	1002.0	1619.2	2244.2	2806.7	3342.8	3937.2	4543.3	5181.7	5837.3
-20°	447.0	579.7	871.8	1465.4	2089.8	2652.1	3180.9	3743.3	4330.7	4941.4	5563.9



REPORT NUMBER: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	427.0	524.8	762.8	1303.1	1906.1	2474.2	3001.0	3529.2	4086.4	4676.0	5265.3
-25°	408.4	499.1	696.5	1127.5	1704.0	2278.5	2800.6	3298.8	3825.2	4381.5	4946.5
-27.5°	391.2	472.7	623.0	934.6	1483.1	2058.6	2573.7	3063.2	3550.7	4062.7	4599.6
-30°	372.1	445.0	544.7	758.7	1254.2	1800.9	2327.1	2802.8	3256.9	3737.7	4236.4
-32.5°	352.0	416.2	497.4	667.9	1010.8	1524.9	2056.0	2521.6	2959.7	3392.5	3858.2
-35°	333.8	393.0	463.4	572.8	765.0	1240.8	1739.9	2228.6	2646.9	3052.8	3460.5
-37.5°	318.3	369.0	428.1	501.1	657.9	946.6	1407.0	1887.5	2325.1	2705.3	3078.0
-40°	301.4	344.2	398.6	461.3	548.5	721.5	1078.9	1512.1	1964.0	2353.1	2701.9
-42.5°	283.4	323.9	370.9	420.3	486.3	600.2	759.5	1144.3	1545.2	1957.0	2315.6
-45°	267.6	302.2	343.3	389.6	440.2	503.1	626.7	772.4	1142.7	1501.3	1874.9
-47.5°	251.3	280.5	317.7	358.6	400.9	451.0	510.5	628.7	764.8	1076.5	1387.2
-50°	235.0	262.5	290.6	328.4	367.3	405.3	452.3	506.3	606.1	731.3	950.4
-52.5°	218.5	244.2	268.2	297.5	333.4	369.5	401.9	440.7	490.5	557.7	666.5
-55°	201.1	224.3	245.6	269.5	298.4	332.2	360.8	388.4	418.2	463.4	502.8
-57.5°	185.2	202.9	222.1	242.1	265.8	292.4	318.1	341.5	366.4	393.2	420.6
-60°	170.7	183.0	198.3	215.4	233.3	254.6	275.6	297.3	317.1	336.4	360.6
-62.5°	155.4	164.1	174.9	189.3	204.3	217.4	233.8	252.2	271.5	285.9	302.4
-65°	135.8	143.9	151.0	161.6	175.4	185.7	195.8	206.2	221.0	235.0	243.5
-67.5°	115.7	123.6	128.6	132.1	141.6	152.4	160.8	168.6	177.2	189.7	200.1
-70°	93.1	103.4	109.2	111.8	112.8	118.5	126.9	133.2	140.2	152.4	163.8
-72.5°	70.2	80.6	88.4	93.5	93.1	92.3	94.5	99.5	109.3	121.7	132.6
-75°	51.4	58.5	66.5	72.5	72.5	68.2	62.5	61.3	73.2	90.1	104.2
-77.5°	35.3	40.5	46.0	51.6	52.7	50.0	45.6	39.6	46.7	60.7	76.6
-80°	21.7	22.6	26.0	29.7	31.6	31.6	29.9	26.7	31.6	39.5	49.0
-82.5°	12.9	13.8	14.3	14.4	14.7	14.6	14.4	14.3	17.7	21.9	26.7
-85°	5.2	5.1	5.8	6.2	6.9	7.3	7.5	7.5	8.4	9.5	10.8
-87.5°	2.6	2.6	2.5	2.4	2.5	2.6	2.8	2.9	2.6	2.3	2.0
-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: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-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°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
85°	12.4	12.2	11.7	11.1	10.3	10.6	11.0	11.3	11.5	10.8	9.9
82.5°	31.9	34.3	36.5	38.9	41.5	41.1	39.9	38.3	36.1	32.2	27.8
80°	59.9	65.5	69.2	72.2	74.6	72.3	68.8	64.8	60.3	53.5	46.2
77.5°	92.9	98.6	101.5	105.0	108.9	109.7	109.9	110.3	110.7	98.2	82.3
75°	115.4	122.9	129.0	134.4	139.2	141.6	143.2	144.7	146.2	129.6	107.9
72.5°	141.9	149.1	155.0	160.9	166.0	170.0	173.1	175.6	177.6	164.2	145.2
70°	172.8	180.1	186.7	192.8	198.7	204.1	209.0	213.5	217.6	218.4	219.3
67.5°	207.8	212.0	220.0	227.7	236.8	243.5	251.0	257.9	264.4	269.8	274.4
65°	251.0	266.4	281.9	289.6	290.2	299.9	315.1	323.6	326.1	327.9	332.8
62.5°	323.5	343.4	353.8	367.5	386.2	406.6	414.5	425.7	439.4	454.8	468.9
60°	381.2	398.1	423.3	448.9	471.7	492.4	542.6	587.2	625.4	658.3	690.0
57.5°	452.8	480.6	519.2	588.6	652.1	709.5	807.7	927.5	1034.3	1127.8	1209.9
55°	566.8	648.0	721.1	884.9	1060.1	1211.7	1353.6	1505.4	1628.9	1725.5	1814.8
52.5°	761.3	984.5	1210.8	1423.6	1632.9	1823.4	1994.3	2128.8	2233.8	2312.7	2387.3
50°	1218.8	1487.8	1763.4	2017.3	2222.8	2410.6	2588.5	2722.0	2833.6	2929.8	3014.8
47.5°	1717.5	2032.4	2292.9	2527.0	2748.6	2956.9	3151.5	3313.9	3451.5	3578.3	3683.9
45°	2213.8	2495.5	2762.6	3013.7	3254.8	3488.3	3697.7	3882.4	4064.4	4214.8	4333.7
42.5°	2633.5	2931.7	3215.8	3503.2	3772.7	4034.7	4287.7	4512.3	4705.6	4869.9	5002.2
40°	3036.3	3357.8	3695.3	4014.3	4334.4	4633.4	4913.5	5170.0	5390.2	5584.8	5749.4
37.5°	3446.3	3821.7	4192.4	4556.0	4908.7	5233.8	5555.4	5851.3	6109.3	6337.0	6528.2
35°	3879.0	4292.7	4696.1	5105.8	5490.9	5867.2	6222.6	6548.3	6834.0	7102.3	7332.8
32.5°	4312.4	4760.7	5214.9	5658.3	6084.9	6506.3	6896.1	7263.3	7601.1	7897.9	8144.1
30°	4734.4	5228.0	5714.0	6197.0	6683.9	7143.0	7574.9	7978.1	8344.6	8668.0	8947.6
27.5°	5139.3	5670.0	6191.3	6743.7	7272.8	7772.2	8241.3	8674.9	9083.9	9451.7	9769.1
25°	5514.1	6077.7	6685.3	7264.7	7830.9	8384.7	8898.7	9369.7	9837.4	10242.0	10586.7
22.5°	5868.1	6497.1	7136.8	7744.4	8369.1	8978.2	9553.5	10099.3	10598.9	11022.8	11390.3
20°	6204.8	6881.6	7540.8	8213.6	8890.0	9547.1	10180.6	10764.0	11291.7	11753.8	12168.2
17.5°	6522.8	7223.1	7923.6	8642.0	9372.5	10063.3	10734.6	11369.2	11945.4	12458.0	12925.1
15°	6797.8	7521.5	8271.5	9035.1	9799.1	10533.7	11246.1	11937.4	12585.7	13143.6	13614.8
12.5°	7031.5	7785.4	8578.9	9380.0	10185.4	10955.3	11710.5	12450.2	13139.3	13739.1	14222.9
10°	7225.4	8015.3	8844.1	9678.5	10504.6	11304.6	12090.0	12855.3	13595.4	14217.2	14714.1
7.5°	7386.9	8207.2	9055.1	9914.7	10748.2	11579.1	12398.1	13171.3	13900.5	14556.1	15066.7
5°	7507.6	8341.6	9207.4	10088.4	10934.8	11795.3	12638.6	13429.9	14151.8	14745.9	15162.7
2.5°	7597.5	8425.2	9306.3	10193.2	11050.7	11942.3	12803.6	13595.6	14334.5	14896.8	15257.8
0°	7658.6	8471.3	9396.1	10265.8	11137.6	12052.2	12903.6	13704.1	14445.5	14995.4	15368.2
-2.5°	7597.5	8425.2	9306.3	10193.2	11050.7	11942.3	12803.6	13595.6	14334.5	14896.8	15257.8
-5°	7507.6	8341.6	9207.4	10088.4	10934.8	11795.3	12638.6	13429.9	14151.8	14745.9	15162.7
-7.5°	7386.9	8207.2	9055.1	9914.7	10748.2	11579.1	12398.1	13171.3	13900.5	14556.1	15066.7
-10°	7225.4	8015.3	8844.1	9678.5	10504.6	11304.6	12090.0	12855.3	13595.4	14217.2	14714.1
-12.5°	7031.5	7785.4	8578.9	9380.0	10185.4	10955.3	11710.5	12450.2	13139.3	13739.1	14222.9
-15°	6797.8	7521.5	8271.5	9035.1	9799.1	10533.7	11246.1	11937.4	12585.7	13143.6	13614.8
-17.5°	6522.8	7223.1	7923.6	8642.0	9372.5	10063.3	10734.6	11369.2	11945.4	12458.0	12925.1
-20°	6204.8	6881.6	7540.8	8213.6	8890.0	9547.1	10180.6	10764.0	11291.7	11753.8	12168.2



REPORT NUMBER: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5868.1	6497.1	7136.8	7744.4	8369.1	8978.2	9553.5	10099.3	10598.9	11022.8	11390.3
-25°	5514.1	6077.7	6685.3	7264.7	7830.9	8384.7	8898.7	9369.7	9837.4	10242.0	10586.7
-27.5°	5139.3	5670.0	6191.3	6743.7	7272.8	7772.2	8241.3	8674.9	9083.9	9451.7	9769.1
-30°	4734.4	5228.0	5714.0	6197.0	6683.9	7143.0	7574.9	7978.1	8344.6	8668.0	8947.6
-32.5°	4312.4	4760.7	5214.9	5658.3	6084.9	6506.3	6896.1	7263.3	7601.1	7897.9	8144.1
-35°	3879.0	4292.7	4696.1	5105.8	5490.9	5867.2	6222.6	6548.3	6834.0	7102.3	7332.8
-37.5°	3446.3	3821.7	4192.4	4556.0	4908.7	5233.8	5555.4	5851.3	6109.3	6337.0	6528.2
-40°	3036.3	3357.8	3695.3	4014.3	4334.4	4633.4	4913.5	5170.0	5390.2	5584.8	5749.4
-42.5°	2633.5	2931.7	3215.8	3503.2	3772.7	4034.7	4287.7	4512.3	4705.6	4869.9	5002.2
-45°	2213.8	2495.5	2762.6	3013.7	3254.8	3488.3	3697.7	3882.4	4064.4	4214.8	4333.7
-47.5°	1717.5	2032.4	2292.9	2527.0	2748.6	2956.9	3151.5	3313.9	3451.5	3578.3	3683.9
-50°	1218.8	1487.8	1763.4	2017.3	2222.8	2410.6	2588.5	2722.0	2833.6	2929.8	3014.8
-52.5°	761.3	984.5	1210.8	1423.6	1632.9	1823.4	1994.3	2128.8	2233.8	2312.7	2387.3
-55°	566.8	648.0	721.1	884.9	1060.1	1211.7	1353.6	1505.4	1628.9	1725.5	1814.8
-57.5°	452.8	480.6	519.2	588.6	652.1	709.5	807.7	927.5	1034.3	1127.8	1209.9
-60°	381.2	398.1	423.3	448.9	471.7	492.4	542.6	587.2	625.4	658.3	690.0
-62.5°	323.5	343.4	353.8	367.5	386.2	406.6	414.5	425.7	439.4	454.8	468.9
-65°	251.0	266.4	281.9	289.6	290.2	299.9	315.1	323.6	326.1	327.9	332.8
-67.5°	207.8	212.0	220.0	227.7	236.8	243.5	251.0	257.9	264.4	269.8	274.4
-70°	172.8	180.1	186.7	192.8	198.7	204.1	209.0	213.5	217.6	218.4	219.3
-72.5°	141.9	149.1	155.0	160.9	166.0	170.0	173.1	175.6	177.6	164.2	145.2
-75°	115.4	122.9	129.0	134.4	139.2	141.6	143.2	144.7	146.2	129.6	107.9
-77.5°	92.9	98.6	101.5	105.0	108.9	109.7	109.9	110.3	110.7	98.2	82.3
-80°	59.9	65.5	69.2	72.2	74.6	72.3	68.8	64.8	60.3	53.5	46.2
-82.5°	31.9	34.3	36.5	38.9	41.5	41.1	39.9	38.3	36.1	32.2	27.8
-85°	12.4	12.2	11.7	11.1	10.3	10.6	11.0	11.3	11.5	10.8	9.9
-87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
-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: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
85°	9.0	8.1	8.1	8.1	8.1	8.1	9.0	9.9	10.8	11.5	11.3
82.5°	23.2	18.3	19.3	20.4	19.3	18.3	23.2	27.8	32.2	36.1	38.3
80°	38.6	30.7	31.5	32.6	31.5	30.7	38.6	46.2	53.5	60.3	64.8
77.5°	65.3	47.4	45.8	44.8	45.8	47.4	65.3	82.3	98.2	110.7	110.3
75°	85.4	62.4	61.0	61.1	61.0	62.4	85.4	107.9	129.6	146.2	144.7
72.5°	126.1	106.6	93.1	79.4	93.1	106.6	126.1	145.2	164.2	177.6	175.6
70°	221.7	224.4	223.3	220.0	223.3	224.4	221.7	219.3	218.4	217.6	213.5
67.5°	278.1	281.0	281.7	281.1	281.7	281.0	278.1	274.4	269.8	264.4	257.9
65°	336.1	338.1	339.6	340.2	339.6	338.1	336.1	332.8	327.9	326.1	323.6
62.5°	479.4	486.4	493.8	499.0	493.8	486.4	479.4	468.9	454.8	439.4	425.7
60°	717.7	740.6	750.7	751.6	750.7	740.6	717.7	690.0	658.3	625.4	587.2
57.5°	1275.6	1324.8	1368.6	1401.4	1368.6	1324.8	1275.6	1209.9	1127.8	1034.3	927.5
55°	1886.1	1938.3	1967.9	1975.8	1967.9	1938.3	1886.1	1814.8	1725.5	1628.9	1505.4
52.5°	2443.9	2478.6	2511.6	2540.0	2511.6	2478.6	2443.9	2387.3	2312.7	2233.8	2128.8
50°	3079.1	3117.8	3150.4	3175.5	3150.4	3117.8	3079.1	3014.8	2929.8	2833.6	2722.0
47.5°	3758.1	3805.5	3840.4	3863.9	3840.4	3805.5	3758.1	3683.9	3578.3	3451.5	3313.9
45°	4435.6	4516.8	4566.1	4574.8	4566.1	4516.8	4435.6	4333.7	4214.8	4064.4	3882.4
42.5°	5116.5	5194.3	5246.9	5285.7	5246.9	5194.3	5116.5	5002.2	4869.9	4705.6	4512.3
40°	5886.7	5984.5	6029.3	6000.6	6029.3	5984.5	5886.7	5749.4	5584.8	5390.2	5170.0
37.5°	6675.6	6776.1	6828.0	6825.6	6828.0	6776.1	6675.6	6528.2	6337.0	6109.3	5851.3
35°	7512.0	7636.7	7704.1	7687.1	7704.1	7636.7	7512.0	7332.8	7102.3	6834.0	6548.3
32.5°	8340.7	8491.3	8588.6	8603.7	8588.6	8491.3	8340.7	8144.1	7897.9	7601.1	7263.3
30°	9171.9	9334.7	9431.4	9440.9	9431.4	9334.7	9171.9	8947.6	8668.0	8344.6	7978.1
27.5°	10035.6	10217.7	10318.9	10343.2	10318.9	10217.7	10035.6	9769.1	9451.7	9083.9	8674.9
25°	10880.6	11082.8	11198.9	11243.5	11198.9	11082.8	10880.6	10586.7	10242.0	9837.4	9369.7
22.5°	11695.4	11917.1	12068.6	12107.2	12068.6	11917.1	11695.4	11390.3	11022.8	10598.9	10099.3
20°	12512.6	12774.3	12968.0	12987.1	12968.0	12774.3	12512.6	12168.2	11753.8	11291.7	10764.0
17.5°	13299.5	13582.6	13789.9	13840.5	13789.9	13582.6	13299.5	12925.1	12458.0	11945.4	11369.2
15°	14004.0	14301.1	14501.3	14545.3	14501.3	14301.1	14004.0	13614.8	13143.6	12585.7	11937.4
12.5°	14611.8	14885.8	15072.6	15144.1	15072.6	14885.8	14611.8	14222.9	13739.1	13139.3	12450.2
10°	15101.6	15313.2	15480.2	15555.6	15480.2	15313.2	15101.6	14714.1	14217.2	13595.4	12855.3
7.5°	15375.0	15549.0	15664.7	15706.3	15664.7	15549.0	15375.0	15066.7	14556.1	13900.5	13171.3
5°	15483.0	15649.8	15712.5	15749.1	15712.5	15649.8	15483.0	15162.7	14745.9	14151.8	13429.9
2.5°	15497.8	15631.3	15760.1	15844.8	15760.1	15631.3	15497.8	15257.8	14896.8	14334.5	13595.6
0°	15584.1	15714.5	15785.7	15826.5	15785.7	15714.5	15584.1	15368.2	14995.4	14445.5	13704.1
-2.5°	15497.8	15631.3	15760.1	15844.8	15760.1	15631.3	15497.8	15257.8	14896.8	14334.5	13595.6
-5°	15483.0	15649.8	15712.5	15749.1	15712.5	15649.8	15483.0	15162.7	14745.9	14151.8	13429.9
-7.5°	15375.0	15549.0	15664.7	15706.3	15664.7	15549.0	15375.0	15066.7	14556.1	13900.5	13171.3
-10°	15101.6	15313.2	15480.2	15555.6	15480.2	15313.2	15101.6	14714.1	14217.2	13595.4	12855.3
-12.5°	14611.8	14885.8	15072.6	15144.1	15072.6	14885.8	14611.8	14222.9	13739.1	13139.3	12450.2
-15°	14004.0	14301.1	14501.3	14545.3	14501.3	14301.1	14004.0	13614.8	13143.6	12585.7	11937.4
-17.5°	13299.5	13582.6	13789.9	13840.5	13789.9	13582.6	13299.5	12925.1	12458.0	11945.4	11369.2
-20°	12512.6	12774.3	12968.0	12987.1	12968.0	12774.3	12512.6	12168.2	11753.8	11291.7	10764.0



REPORT NUMBER: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11695.4	11917.1	12068.6	12107.2	12068.6	11917.1	11695.4	11390.3	11022.8	10598.9	10099.3
-25°	10880.6	11082.8	11198.9	11243.5	11198.9	11082.8	10880.6	10586.7	10242.0	9837.4	9369.7
-27.5°	10035.6	10217.7	10318.9	10343.2	10318.9	10217.7	10035.6	9769.1	9451.7	9083.9	8674.9
-30°	9171.9	9334.7	9431.4	9440.9	9431.4	9334.7	9171.9	8947.6	8668.0	8344.6	7978.1
-32.5°	8340.7	8491.3	8588.6	8603.7	8588.6	8491.3	8340.7	8144.1	7897.9	7601.1	7263.3
-35°	7512.0	7636.7	7704.1	7687.1	7704.1	7636.7	7512.0	7332.8	7102.3	6834.0	6548.3
-37.5°	6675.6	6776.1	6828.0	6825.6	6828.0	6776.1	6675.6	6528.2	6337.0	6109.3	5851.3
-40°	5886.7	5984.5	6029.3	6000.6	6029.3	5984.5	5886.7	5749.4	5584.8	5390.2	5170.0
-42.5°	5116.5	5194.3	5246.9	5285.7	5246.9	5194.3	5116.5	5002.2	4869.9	4705.6	4512.3
-45°	4435.6	4516.8	4566.1	4574.8	4566.1	4516.8	4435.6	4333.7	4214.8	4064.4	3882.4
-47.5°	3758.1	3805.5	3840.4	3863.9	3840.4	3805.5	3758.1	3683.9	3578.3	3451.5	3313.9
-50°	3079.1	3117.8	3150.4	3175.5	3150.4	3117.8	3079.1	3014.8	2929.8	2833.6	2722.0
-52.5°	2443.9	2478.6	2511.6	2540.0	2511.6	2478.6	2443.9	2387.3	2312.7	2233.8	2128.8
-55°	1886.1	1938.3	1967.9	1975.8	1967.9	1938.3	1886.1	1814.8	1725.5	1628.9	1505.4
-57.5°	1275.6	1324.8	1368.6	1401.4	1368.6	1324.8	1275.6	1209.9	1127.8	1034.3	927.5
-60°	717.7	740.6	750.7	751.6	750.7	740.6	717.7	690.0	658.3	625.4	587.2
-62.5°	479.4	486.4	493.8	499.0	493.8	486.4	479.4	468.9	454.8	439.4	425.7
-65°	336.1	338.1	339.6	340.2	339.6	338.1	336.1	332.8	327.9	326.1	323.6
-67.5°	278.1	281.0	281.7	281.1	281.7	281.0	278.1	274.4	269.8	264.4	257.9
-70°	221.7	224.4	223.3	220.0	223.3	224.4	221.7	219.3	218.4	217.6	213.5
-72.5°	126.1	106.6	93.1	79.4	93.1	106.6	126.1	145.2	164.2	177.6	175.6
-75°	85.4	62.4	61.0	61.1	61.0	62.4	85.4	107.9	129.6	146.2	144.7
-77.5°	65.3	47.4	45.8	44.8	45.8	47.4	65.3	82.3	98.2	110.7	110.3
-80°	38.6	30.7	31.5	32.6	31.5	30.7	38.6	46.2	53.5	60.3	64.8
-82.5°	23.2	18.3	19.3	20.4	19.3	18.3	23.2	27.8	32.2	36.1	38.3
-85°	9.0	8.1	8.1	8.1	8.1	8.1	9.0	9.9	10.8	11.5	11.3
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
-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: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-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°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	2.0	2.3	2.6	2.9
85°	11.0	10.6	10.3	11.1	11.7	12.2	12.4	10.8	9.5	8.4	7.5
82.5°	39.9	41.1	41.5	38.9	36.5	34.3	31.9	26.7	21.9	17.7	14.3
80°	68.8	72.3	74.6	72.2	69.2	65.5	59.9	49.0	39.5	31.6	26.7
77.5°	109.9	109.7	108.9	105.0	101.5	98.6	92.9	76.6	60.7	46.7	39.6
75°	143.2	141.6	139.2	134.4	129.0	122.9	115.4	104.2	90.1	73.2	61.3
72.5°	173.1	170.0	166.0	160.9	155.0	149.1	141.9	132.6	121.7	109.3	99.5
70°	209.0	204.1	198.7	192.8	186.7	180.1	172.8	163.8	152.4	140.2	133.2
67.5°	251.0	243.5	236.8	227.7	220.0	212.0	207.8	200.1	189.7	177.2	168.6
65°	315.1	299.9	290.2	289.6	281.9	266.4	251.0	243.5	235.0	221.0	206.2
62.5°	414.5	406.6	386.2	367.5	353.8	343.4	323.5	302.4	285.9	271.5	252.2
60°	542.6	492.4	471.7	448.9	423.3	398.1	381.2	360.6	336.4	317.1	297.3
57.5°	807.7	709.5	652.1	588.6	519.2	480.6	452.8	420.6	393.2	366.4	341.5
55°	1353.6	1211.7	1060.1	884.9	721.1	648.0	566.8	502.8	463.4	418.2	388.4
52.5°	1994.3	1823.4	1632.9	1423.6	1210.8	984.5	761.3	666.5	557.7	490.5	440.7
50°	2588.5	2410.6	2222.8	2017.3	1763.4	1487.8	1218.8	950.4	731.3	606.1	506.3
47.5°	3151.5	2956.9	2748.6	2527.0	2292.9	2032.4	1717.5	1387.2	1076.5	764.8	628.7
45°	3697.7	3488.3	3254.8	3013.7	2762.6	2495.5	2213.8	1874.9	1501.3	1142.7	772.4
42.5°	4287.7	4034.7	3772.7	3503.2	3215.8	2931.7	2633.5	2315.6	1957.0	1545.2	1144.3
40°	4913.5	4633.4	4334.4	4014.3	3695.3	3357.8	3036.3	2701.9	2353.1	1964.0	1512.1
37.5°	5555.4	5233.8	4908.7	4556.0	4192.4	3821.7	3446.3	3078.0	2705.3	2325.1	1887.5
35°	6222.6	5867.2	5490.9	5105.8	4696.1	4292.7	3879.0	3460.5	3052.8	2646.9	2228.6
32.5°	6896.1	6506.3	6084.9	5658.3	5214.9	4760.7	4312.4	3858.2	3392.5	2959.7	2521.6
30°	7574.9	7143.0	6683.9	6197.0	5714.0	5228.0	4734.4	4236.4	3737.7	3256.9	2802.8
27.5°	8241.3	7772.2	7272.8	6743.7	6191.3	5670.0	5139.3	4599.6	4062.7	3550.7	3063.2
25°	8898.7	8384.7	7830.9	7264.7	6685.3	6077.7	5514.1	4946.5	4381.5	3825.2	3298.8
22.5°	9553.5	8978.2	8369.1	7744.4	7136.8	6497.1	5868.1	5265.3	4676.0	4086.4	3529.2
20°	10180.6	9547.1	8890.0	8213.6	7540.8	6881.6	6204.8	5563.9	4941.4	4330.7	3743.3
17.5°	10734.6	10063.3	9372.5	8642.0	7923.6	7223.1	6522.8	5837.3	5181.7	4543.3	3937.2
15°	11246.1	10533.7	9799.1	9035.1	8271.5	7521.5	6797.8	6078.1	5397.1	4732.1	4109.3
12.5°	11710.5	10955.3	10185.4	9380.0	8578.9	7785.4	7031.5	6295.1	5585.4	4900.4	4254.4
10°	12090.0	11304.6	10504.6	9678.5	8844.1	8015.3	7225.4	6470.0	5737.0	5034.4	4375.3
7.5°	12398.1	11579.1	10748.2	9914.7	9055.1	8207.2	7386.9	6602.4	5855.4	5132.4	4470.4
5°	12638.6	11795.3	10934.8	10088.4	9207.4	8341.6	7507.6	6691.4	5938.5	5195.3	4538.8
2.5°	12803.6	11942.3	11050.7	10193.2	9306.3	8425.2	7597.5	6760.3	5997.7	5261.5	4598.8
0°	12903.6	12052.2	11137.6	10265.8	9396.1	8471.3	7658.6	6807.2	6023.0	5304.0	4629.8
-2.5°	12803.6	11942.3	11050.7	10193.2	9306.3	8425.2	7597.5	6760.3	5997.7	5261.5	4598.8
-5°	12638.6	11795.3	10934.8	10088.4	9207.4	8341.6	7507.6	6691.4	5938.5	5195.3	4538.8
-7.5°	12398.1	11579.1	10748.2	9914.7	9055.1	8207.2	7386.9	6602.4	5855.4	5132.4	4470.4
-10°	12090.0	11304.6	10504.6	9678.5	8844.1	8015.3	7225.4	6470.0	5737.0	5034.4	4375.3
-12.5°	11710.5	10955.3	10185.4	9380.0	8578.9	7785.4	7031.5	6295.1	5585.4	4900.4	4254.4
-15°	11246.1	10533.7	9799.1	9035.1	8271.5	7521.5	6797.8	6078.1	5397.1	4732.1	4109.3
-17.5°	10734.6	10063.3	9372.5	8642.0	7923.6	7223.1	6522.8	5837.3	5181.7	4543.3	3937.2
-20°	10180.6	9547.1	8890.0	8213.6	7540.8	6881.6	6204.8	5563.9	4941.4	4330.7	3743.3



REPORT NUMBER: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9553.5	8978.2	8369.1	7744.4	7136.8	6497.1	5868.1	5265.3	4676.0	4086.4	3529.2
-25°	8898.7	8384.7	7830.9	7264.7	6685.3	6077.7	5514.1	4946.5	4381.5	3825.2	3298.8
-27.5°	8241.3	7772.2	7272.8	6743.7	6191.3	5670.0	5139.3	4599.6	4062.7	3550.7	3063.2
-30°	7574.9	7143.0	6683.9	6197.0	5714.0	5228.0	4734.4	4236.4	3737.7	3256.9	2802.8
-32.5°	6896.1	6506.3	6084.9	5658.3	5214.9	4760.7	4312.4	3858.2	3392.5	2959.7	2521.6
-35°	6222.6	5867.2	5490.9	5105.8	4696.1	4292.7	3879.0	3460.5	3052.8	2646.9	2228.6
-37.5°	5555.4	5233.8	4908.7	4556.0	4192.4	3821.7	3446.3	3078.0	2705.3	2325.1	1887.5
-40°	4913.5	4633.4	4334.4	4014.3	3695.3	3357.8	3036.3	2701.9	2353.1	1964.0	1512.1
-42.5°	4287.7	4034.7	3772.7	3503.2	3215.8	2931.7	2633.5	2315.6	1957.0	1545.2	1144.3
-45°	3697.7	3488.3	3254.8	3013.7	2762.6	2495.5	2213.8	1874.9	1501.3	1142.7	772.4
-47.5°	3151.5	2956.9	2748.6	2527.0	2292.9	2032.4	1717.5	1387.2	1076.5	764.8	628.7
-50°	2588.5	2410.6	2222.8	2017.3	1763.4	1487.8	1218.8	950.4	731.3	606.1	506.3
-52.5°	1994.3	1823.4	1632.9	1423.6	1210.8	984.5	761.3	666.5	557.7	490.5	440.7
-55°	1353.6	1211.7	1060.1	884.9	721.1	648.0	566.8	502.8	463.4	418.2	388.4
-57.5°	807.7	709.5	652.1	588.6	519.2	480.6	452.8	420.6	393.2	366.4	341.5
-60°	542.6	492.4	471.7	448.9	423.3	398.1	381.2	360.6	336.4	317.1	297.3
-62.5°	414.5	406.6	386.2	367.5	353.8	343.4	323.5	302.4	285.9	271.5	252.2
-65°	315.1	299.9	290.2	289.6	281.9	266.4	251.0	243.5	235.0	221.0	206.2
-67.5°	251.0	243.5	236.8	227.7	220.0	212.0	207.8	200.1	189.7	177.2	168.6
-70°	209.0	204.1	198.7	192.8	186.7	180.1	172.8	163.8	152.4	140.2	133.2
-72.5°	173.1	170.0	166.0	160.9	155.0	149.1	141.9	132.6	121.7	109.3	99.5
-75°	143.2	141.6	139.2	134.4	129.0	122.9	115.4	104.2	90.1	73.2	61.3
-77.5°	109.9	109.7	108.9	105.0	101.5	98.6	92.9	76.6	60.7	46.7	39.6
-80°	68.8	72.3	74.6	72.2	69.2	65.5	59.9	49.0	39.5	31.6	26.7
-82.5°	39.9	41.1	41.5	38.9	36.5	34.3	31.9	26.7	21.9	17.7	14.3
-85°	11.0	10.6	10.3	11.1	11.7	12.2	12.4	10.8	9.5	8.4	7.5
-87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	2.0	2.3	2.6	2.9
-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: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-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°	2.8	2.6	2.5	2.4	2.5	2.6	2.6	2.6	2.3	2.1	1.8
85°	7.5	7.3	6.9	6.2	5.8	5.1	5.2	5.2	4.7	4.2	3.7
82.5°	14.4	14.6	14.7	14.4	14.3	13.8	12.9	11.5	9.0	6.6	5.5
80°	29.9	31.6	31.6	29.7	26.0	22.6	21.7	20.0	16.5	13.1	9.8
77.5°	45.6	50.0	52.7	51.6	46.0	40.5	35.3	29.8	23.9	19.5	15.3
75°	62.5	68.2	72.5	72.5	66.5	58.5	51.4	44.1	35.3	26.4	20.8
72.5°	94.5	92.3	93.1	93.5	88.4	80.6	70.2	58.1	48.1	37.8	27.4
70°	126.9	118.5	112.8	111.8	109.2	103.4	93.1	77.4	60.7	49.0	37.2
67.5°	160.8	152.4	141.6	132.1	128.6	123.6	115.7	97.3	77.7	60.2	47.0
65°	195.8	185.7	175.4	161.6	151.0	143.9	135.8	116.2	94.0	73.8	56.5
62.5°	233.8	217.4	204.3	189.3	174.9	164.1	155.4	134.2	109.9	86.9	66.8
60°	275.6	254.6	233.3	215.4	198.3	183.0	170.7	152.4	127.1	99.3	77.1
57.5°	318.1	292.4	265.8	242.1	222.1	202.9	185.2	167.5	144.3	114.4	86.3
55°	360.8	332.2	298.4	269.5	245.6	224.3	201.1	181.2	160.4	130.2	93.5
52.5°	401.9	369.5	333.4	297.5	268.2	244.2	218.5	195.0	173.1	145.9	104.1
50°	452.3	405.3	367.3	328.4	290.6	262.5	235.0	209.4	185.6	160.3	114.0
47.5°	510.5	451.0	400.9	358.6	317.7	280.5	251.3	223.1	198.1	171.5	122.6
45°	626.7	503.1	440.2	389.6	343.3	302.2	267.6	235.8	209.4	176.4	129.9
42.5°	759.5	600.2	486.3	420.3	370.9	323.9	283.4	249.9	220.0	179.5	133.9
40°	1078.9	721.5	548.5	461.3	398.6	344.2	301.4	263.8	228.8	181.5	135.5
37.5°	1407.0	946.6	657.9	501.1	428.1	369.0	318.3	277.2	232.6	183.4	135.9
35°	1739.9	1240.8	765.0	572.8	463.4	393.0	333.8	290.6	241.2	185.3	135.2
32.5°	2056.0	1524.9	1010.8	667.9	497.4	416.2	352.0	303.9	252.0	187.2	133.4
30°	2327.1	1800.9	1254.2	758.7	544.7	445.0	372.1	316.5	264.9	189.0	131.5
27.5°	2573.7	2058.6	1483.1	934.6	623.0	472.7	391.2	328.3	279.8	193.7	131.9
25°	2800.6	2278.5	1704.0	1127.5	696.5	499.1	408.4	339.6	291.5	203.7	131.9
22.5°	3001.0	2474.2	1906.1	1303.1	762.8	524.8	427.0	353.9	300.5	214.3	131.6
20°	3180.9	2652.1	2089.8	1465.4	871.8	579.7	447.0	366.6	308.6	225.2	130.9
17.5°	3342.8	2806.7	2244.2	1619.2	1002.0	628.2	465.3	377.7	315.9	236.2	129.7
15°	3500.7	2938.1	2375.3	1755.3	1116.8	670.3	481.8	387.3	322.3	246.9	129.0
12.5°	3633.4	3050.4	2485.9	1873.0	1215.4	705.8	496.2	395.2	327.8	256.4	128.2
10°	3739.8	3143.1	2575.9	1971.4	1297.4	734.7	508.5	401.1	332.1	264.2	125.6
7.5°	3820.1	3215.6	2645.3	2050.0	1362.3	758.6	516.4	404.5	335.5	270.5	121.6
5°	3878.0	3270.3	2695.8	2108.1	1409.2	778.1	521.4	406.3	338.0	274.9	116.5
2.5°	3925.9	3308.7	2727.5	2145.3	1437.8	791.6	523.8	406.5	339.6	277.2	110.5
0°	3949.5	3326.2	2739.6	2161.1	1448.2	798.5	523.5	405.3	340.2	277.0	103.9
-2.5°	3925.9	3308.7	2727.5	2145.3	1437.8	791.6	523.8	406.5	339.6	277.2	110.5
-5°	3878.0	3270.3	2695.8	2108.1	1409.2	778.1	521.4	406.3	338.0	274.9	116.5
-7.5°	3820.1	3215.6	2645.3	2050.0	1362.3	758.6	516.4	404.5	335.5	270.5	121.6
-10°	3739.8	3143.1	2575.9	1971.4	1297.4	734.7	508.5	401.1	332.1	264.2	125.6
-12.5°	3633.4	3050.4	2485.9	1873.0	1215.4	705.8	496.2	395.2	327.8	256.4	128.2
-15°	3500.7	2938.1	2375.3	1755.3	1116.8	670.3	481.8	387.3	322.3	246.9	129.0
-17.5°	3342.8	2806.7	2244.2	1619.2	1002.0	628.2	465.3	377.7	315.9	236.2	129.7
-20°	3180.9	2652.1	2089.8	1465.4	871.8	579.7	447.0	366.6	308.6	225.2	130.9



REPORT NUMBER: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3001.0	2474.2	1906.1	1303.1	762.8	524.8	427.0	353.9	300.5	214.3	131.6
-25°	2800.6	2278.5	1704.0	1127.5	696.5	499.1	408.4	339.6	291.5	203.7	131.9
-27.5°	2573.7	2058.6	1483.1	934.6	623.0	472.7	391.2	328.3	279.8	193.7	131.9
-30°	2327.1	1800.9	1254.2	758.7	544.7	445.0	372.1	316.5	264.9	189.0	131.5
-32.5°	2056.0	1524.9	1010.8	667.9	497.4	416.2	352.0	303.9	252.0	187.2	133.4
-35°	1739.9	1240.8	765.0	572.8	463.4	393.0	333.8	290.6	241.2	185.3	135.2
-37.5°	1407.0	946.6	657.9	501.1	428.1	369.0	318.3	277.2	232.6	183.4	135.9
-40°	1078.9	721.5	548.5	461.3	398.6	344.2	301.4	263.8	228.8	181.5	135.5
-42.5°	759.5	600.2	486.3	420.3	370.9	323.9	283.4	249.9	220.0	179.5	133.9
-45°	626.7	503.1	440.2	389.6	343.3	302.2	267.6	235.8	209.4	176.4	129.9
-47.5°	510.5	451.0	400.9	358.6	317.7	280.5	251.3	223.1	198.1	171.5	122.6
-50°	452.3	405.3	367.3	328.4	290.6	262.5	235.0	209.4	185.6	160.3	114.0
-52.5°	401.9	369.5	333.4	297.5	268.2	244.2	218.5	195.0	173.1	145.9	104.1
-55°	360.8	332.2	298.4	269.5	245.6	224.3	201.1	181.2	160.4	130.2	93.5
-57.5°	318.1	292.4	265.8	242.1	222.1	202.9	185.2	167.5	144.3	114.4	86.3
-60°	275.6	254.6	233.3	215.4	198.3	183.0	170.7	152.4	127.1	99.3	77.1
-62.5°	233.8	217.4	204.3	189.3	174.9	164.1	155.4	134.2	109.9	86.9	66.8
-65°	195.8	185.7	175.4	161.6	151.0	143.9	135.8	116.2	94.0	73.8	56.5
-67.5°	160.8	152.4	141.6	132.1	128.6	123.6	115.7	97.3	77.7	60.2	47.0
-70°	126.9	118.5	112.8	111.8	109.2	103.4	93.1	77.4	60.7	49.0	37.2
-72.5°	94.5	92.3	93.1	93.5	88.4	80.6	70.2	58.1	48.1	37.8	27.4
-75°	62.5	68.2	72.5	72.5	66.5	58.5	51.4	44.1	35.3	26.4	20.8
-77.5°	45.6	50.0	52.7	51.6	46.0	40.5	35.3	29.8	23.9	19.5	15.3
-80°	29.9	31.6	31.6	29.7	26.0	22.6	21.7	20.0	16.5	13.1	9.8
-82.5°	14.4	14.6	14.7	14.4	14.3	13.8	12.9	11.5	9.0	6.6	5.5
-85°	7.5	7.3	6.9	6.2	5.8	5.1	5.2	5.2	4.7	4.2	3.7
-87.5°	2.8	2.6	2.5	2.4	2.5	2.6	2.6	2.6	2.3	2.1	1.8
-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: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-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°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
82.5°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
80°	6.6	5.3	4.2	3.2	2.1	1.1	0.0
77.5°	11.2	7.2	5.3	4.0	2.6	1.3	0.0
75°	15.7	10.5	6.5	4.7	3.2	1.6	0.0
72.5°	19.9	13.6	8.6	5.5	3.7	1.8	0.0
70°	24.5	16.6	10.7	6.3	4.2	2.1	0.0
67.5°	32.1	19.5	12.6	7.6	4.7	2.3	0.0
65°	39.1	23.3	14.5	8.8	5.2	2.6	0.0
62.5°	45.6	27.9	16.3	9.9	5.6	2.8	0.0
60°	51.6	32.1	17.9	10.9	6.1	3.0	0.0
57.5°	57.6	36.0	20.4	11.9	6.7	3.3	0.0
55°	63.0	39.4	22.7	12.8	7.3	3.5	0.0
52.5°	67.6	42.4	24.7	13.6	7.9	3.7	0.0
50°	71.4	45.2	26.4	14.4	8.4	3.9	0.0
47.5°	75.0	47.4	27.9	15.1	9.0	4.1	0.0
45°	81.0	49.1	29.0	15.9	9.5	4.3	0.0
42.5°	86.1	50.2	29.8	16.5	10.0	4.5	0.0
40°	90.1	50.8	30.3	17.3	10.5	4.7	0.0
37.5°	93.1	50.8	30.6	18.1	10.9	4.8	0.0
35°	95.2	51.9	30.5	18.9	11.3	5.0	0.0
32.5°	95.6	53.3	30.0	19.6	11.7	5.1	0.0
30°	93.8	54.0	29.3	20.3	12.1	5.3	0.0
27.5°	91.2	54.0	30.0	21.0	12.4	5.4	0.0
25°	87.9	53.4	30.9	21.5	12.8	5.5	0.0
22.5°	83.9	53.4	31.8	22.1	13.0	5.6	0.0
20°	79.3	55.9	32.6	22.6	13.3	5.7	0.0
17.5°	78.4	58.1	33.4	23.0	13.5	5.8	0.0
15°	80.0	60.0	34.1	23.4	13.7	5.9	0.0
12.5°	81.4	61.6	34.7	23.7	13.9	6.0	0.0
10°	82.6	62.9	35.3	23.9	14.1	6.0	0.0
7.5°	83.7	63.9	35.7	24.1	14.2	6.0	0.0
5°	84.5	64.6	36.1	24.3	14.2	6.1	0.0
2.5°	85.1	65.1	36.5	24.4	14.3	6.1	0.0
0°	85.5	65.2	36.7	24.4	14.3	6.1	0.0
-2.5°	85.1	65.1	36.5	24.4	14.3	6.1	0.0
-5°	84.5	64.6	36.1	24.3	14.2	6.1	0.0
-7.5°	83.7	63.9	35.7	24.1	14.2	6.0	0.0
-10°	82.6	62.9	35.3	23.9	14.1	6.0	0.0
-12.5°	81.4	61.6	34.7	23.7	13.9	6.0	0.0
-15°	80.0	60.0	34.1	23.4	13.7	5.9	0.0
-17.5°	78.4	58.1	33.4	23.0	13.5	5.8	0.0
-20°	79.3	55.9	32.6	22.6	13.3	5.7	0.0



REPORT NUMBER: P558963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	83.9	53.4	31.8	22.1	13.0	5.6	0.0
-25°	87.9	53.4	30.9	21.5	12.8	5.5	0.0
-27.5°	91.2	54.0	30.0	21.0	12.4	5.4	0.0
-30°	93.8	54.0	29.3	20.3	12.1	5.3	0.0
-32.5°	95.6	53.3	30.0	19.6	11.7	5.1	0.0
-35°	95.2	51.9	30.5	18.9	11.3	5.0	0.0
-37.5°	93.1	50.8	30.6	18.1	10.9	4.8	0.0
-40°	90.1	50.8	30.3	17.3	10.5	4.7	0.0
-42.5°	86.1	50.2	29.8	16.5	10.0	4.5	0.0
-45°	81.0	49.1	29.0	15.9	9.5	4.3	0.0
-47.5°	75.0	47.4	27.9	15.1	9.0	4.1	0.0
-50°	71.4	45.2	26.4	14.4	8.4	3.9	0.0
-52.5°	67.6	42.4	24.7	13.6	7.9	3.7	0.0
-55°	63.0	39.4	22.7	12.8	7.3	3.5	0.0
-57.5°	57.6	36.0	20.4	11.9	6.7	3.3	0.0
-60°	51.6	32.1	17.9	10.9	6.1	3.0	0.0
-62.5°	45.6	27.9	16.3	9.9	5.6	2.8	0.0
-65°	39.1	23.3	14.5	8.8	5.2	2.6	0.0
-67.5°	32.1	19.5	12.6	7.6	4.7	2.3	0.0
-70°	24.5	16.6	10.7	6.3	4.2	2.1	0.0
-72.5°	19.9	13.6	8.6	5.5	3.7	1.8	0.0
-75°	15.7	10.5	6.5	4.7	3.2	1.6	0.0
-77.5°	11.2	7.2	5.3	4.0	2.6	1.3	0.0
-80°	6.6	5.3	4.2	3.2	2.1	1.1	0.0
-82.5°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
-85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
-87.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)