

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: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-935-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4C-935-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

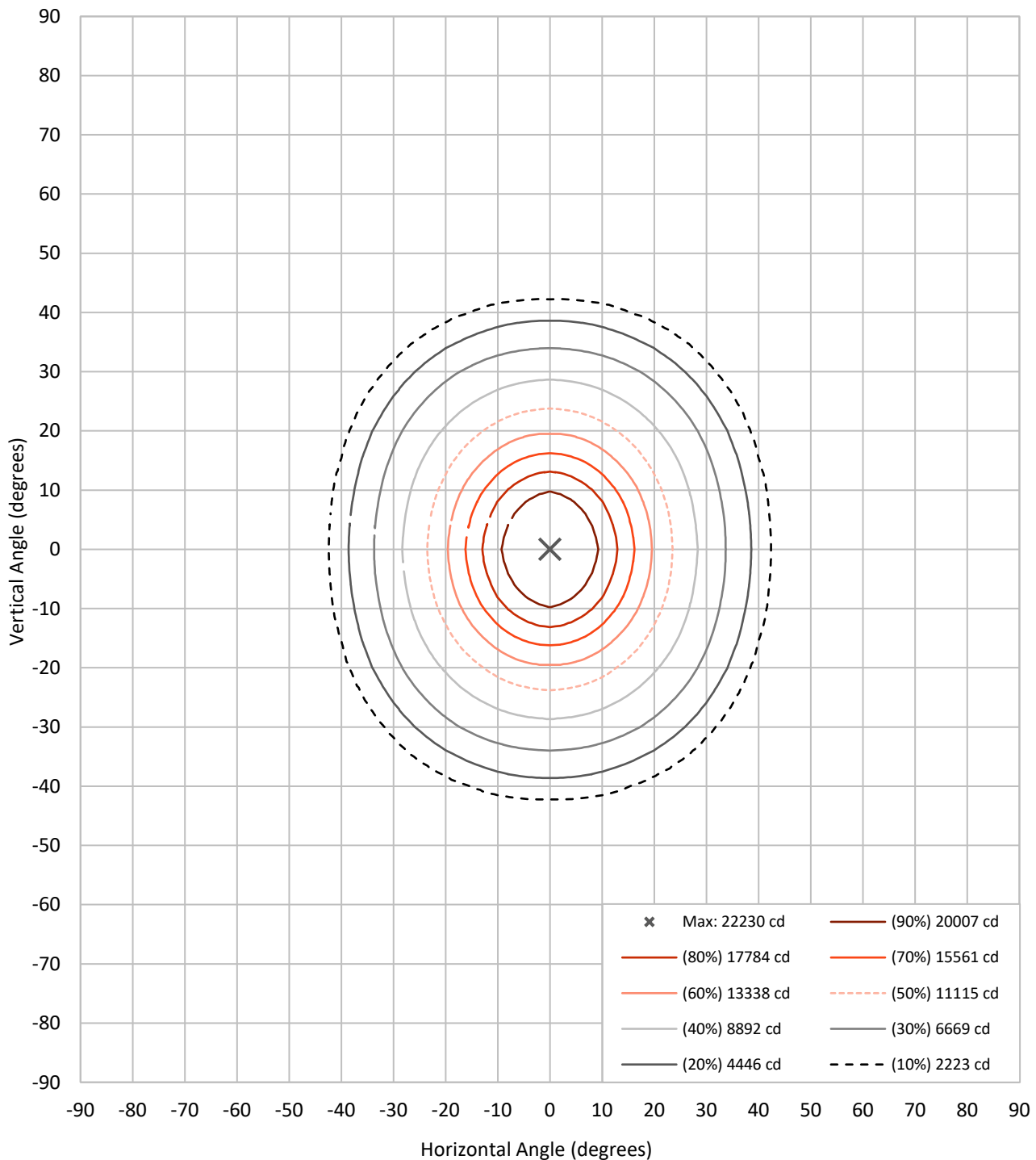
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	17304.8 lumens	Max Intensity:	22230 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	8165.6 lumens	Field Lumens:	15712.7 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 164
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: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-935-U-MWR-XX

Iso-Candela Plot





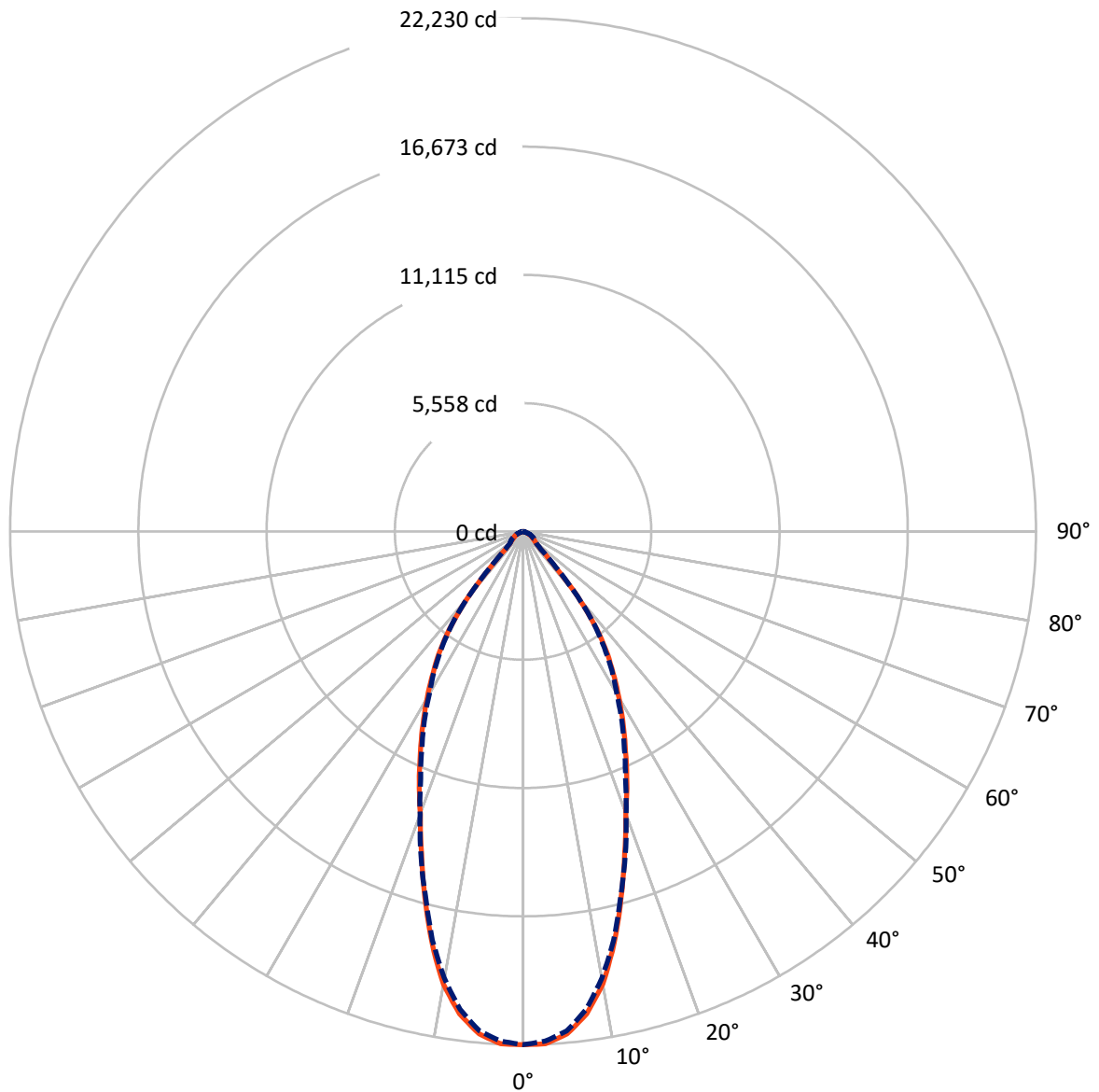
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Lumen Table

90																
80	0.3	2.1		4.8		7.8		6.1		7.8		4.8		2.1		0.3
70																
60	1.2	1.4	2.5	3.9	5.5	6.9	7.9	8.6	8.6	7.9	6.9	5.5	3.9	2.5	1.4	1.2
50		2.1	4.2	6.9	9.9	12.4	14.2	15.6	15.6	14.2	12.4	9.9	6.9	4.2	2.1	
40	1.8	2.8	5.8	9.7	14.2	19.4	30.7	43.1	43.1	30.7	19.4	14.2	9.7	5.8	2.8	1.8
30		3.3	7.2	12.1	22.8	72.9	142.0	180.9	180.9	142.0	72.9	22.8	12.1	7.2	3.3	
20	2.0	3.9	8.4	15.2	66.7	174.2	257.1	311.3	311.3	257.1	174.2	66.7	15.2	8.4	3.9	2.0
10		4.4	9.4	23.3	121.2	240.5	365.3	475.6	475.6	365.3	240.5	121.2	23.3	9.4	4.4	
0	2.1	4.7	10.2	32.2	147.7	280.6	459.5	621.5	621.5	459.5	280.6	147.7	32.2	10.2	4.7	2.1
-10		4.7	10.2	32.2	147.7	280.6	459.5	621.5	621.5	459.5	280.6	147.7	32.2	10.2	4.7	
-20	2.0	4.4	9.4	23.3	121.2	240.5	365.3	475.6	475.6	365.3	240.5	121.2	23.3	9.4	4.4	2.0
-30		3.9	8.4	15.2	66.7	174.2	257.1	311.3	311.3	257.1	174.2	66.7	15.2	8.4	3.9	
-40	1.8	3.3	7.2	12.1	22.8	72.9	142.0	180.9	180.9	142.0	72.9	22.8	12.1	7.2	3.3	1.8
-50		2.8	5.8	9.7	14.2	19.4	30.7	43.1	43.1	30.7	19.4	14.2	9.7	5.8	2.8	
-60	1.2	2.1	4.2	6.9	9.9	12.4	14.2	15.6	15.6	14.2	12.4	9.9	6.9	4.2	2.1	1.2
-70		1.4	2.5	3.9	5.5	6.9	7.9	8.6	8.6	7.9	6.9	5.5	3.9	2.5	1.4	
-80																
-90	0.3	2.1		4.8		7.8		6.1		7.8		4.8		2.1		0.3

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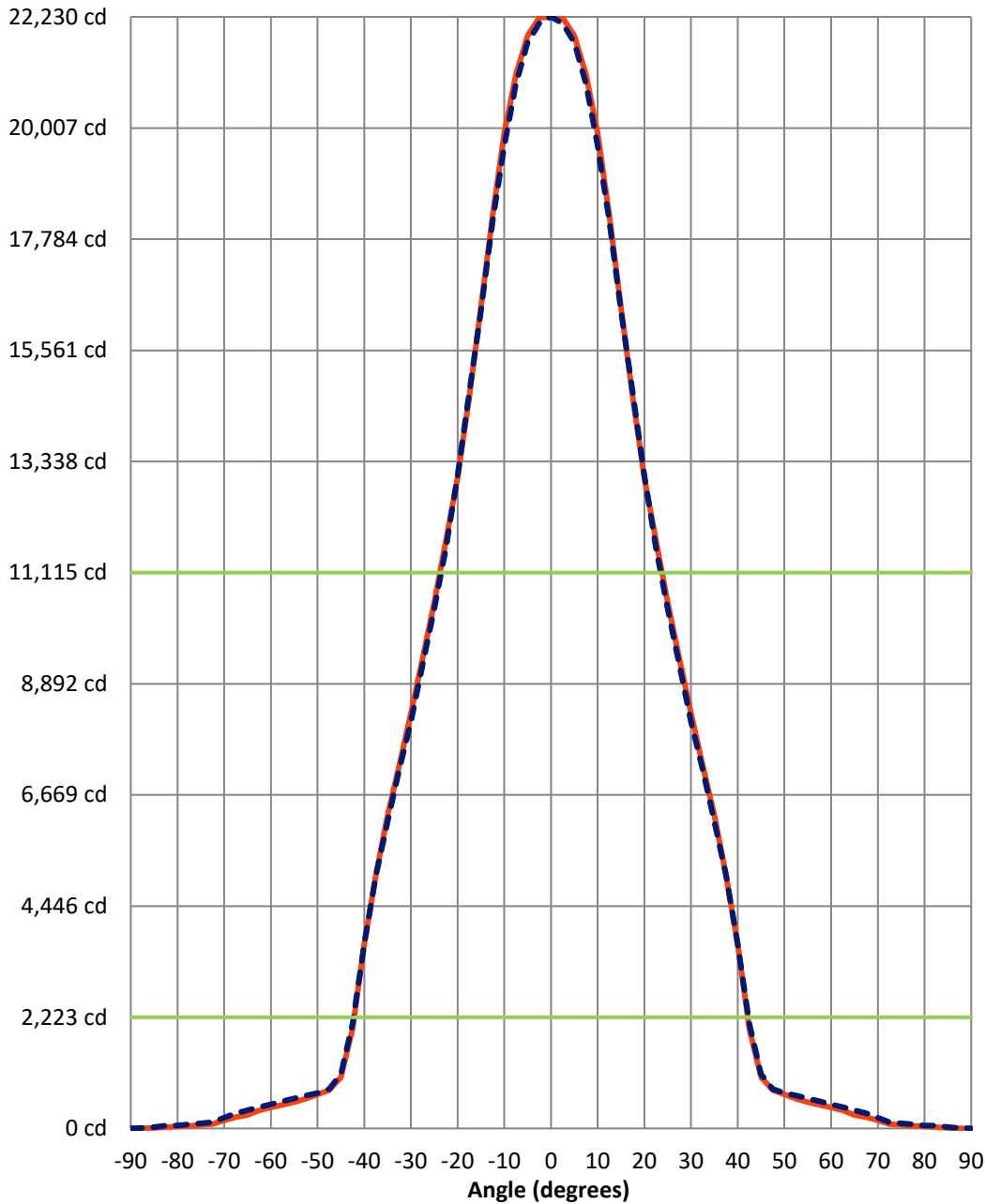
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 8165.6
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 15712.7
 Efficiency: 90.8%

Spill:
 Lumens: 1592.1
 Efficiency: 9.2%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.7	1.2	1.7	2.3	3.0	3.4	3.7	4.0	4.2
85°	0.0	0.7	1.4	2.4	3.5	4.7	6.0	6.8	7.4	8.0	8.5
82.5°	0.0	1.1	2.2	3.6	5.2	7.0	9.0	10.2	11.4	13.7	15.4
80°	0.0	1.4	2.9	4.7	6.9	9.3	12.5	16.5	19.7	22.2	23.9
77.5°	0.0	1.8	3.6	5.9	8.5	12.7	19.6	24.5	28.1	30.8	33.2
75°	0.0	2.1	4.3	7.0	10.6	18.1	26.5	32.4	36.7	41.3	44.7
72.5°	0.0	2.5	5.0	8.1	14.6	23.4	33.3	40.9	47.3	52.5	56.4
70°	0.0	2.8	5.7	9.5	18.4	28.6	40.2	50.8	58.0	63.9	73.1
67.5°	0.0	3.2	6.3	12.1	22.1	33.5	48.0	60.7	68.8	78.3	90.4
65°	0.0	3.5	7.0	14.6	25.7	38.9	55.6	70.6	80.1	92.1	106.6
62.5°	0.0	3.8	7.7	17.1	29.2	44.5	62.9	79.6	90.9	105.4	121.7
60°	0.0	4.1	8.3	19.4	32.5	49.9	69.7	87.8	101.1	118.9	136.5
57.5°	0.0	4.5	9.8	21.7	36.3	55.0	74.4	95.1	112.5	132.1	149.4
55°	0.0	4.8	11.2	23.8	39.9	59.7	78.4	100.4	124.1	144.6	161.4
52.5°	0.0	5.1	12.6	25.8	43.3	63.8	81.8	107.6	135.4	155.2	173.1
50°	0.0	5.3	13.9	27.7	46.5	65.9	84.6	114.3	146.0	165.6	186.0
47.5°	0.0	5.6	15.2	29.6	49.4	67.5	87.2	120.2	155.0	175.7	198.7
45°	0.0	5.9	16.4	31.6	52.0	68.8	91.4	125.3	159.6	186.6	210.9
42.5°	0.0	6.1	17.6	33.4	54.4	69.6	95.0	128.8	163.1	197.0	223.3
40°	0.0	6.4	18.7	35.3	55.7	70.0	97.9	131.2	166.3	206.3	235.3
37.5°	0.0	6.6	19.7	37.3	55.9	70.0	100.2	132.9	169.7	210.8	246.8
35°	0.0	6.8	20.7	39.2	55.8	70.8	101.8	133.8	172.5	217.6	257.9
32.5°	0.0	7.0	21.6	41.1	55.5	72.0	102.6	134.0	174.9	225.8	268.0
30°	0.0	7.2	22.4	42.9	54.9	72.6	102.5	134.0	176.6	235.3	277.9
27.5°	0.0	7.4	23.1	44.6	55.5	72.8	101.9	134.9	180.1	246.1	287.6
25°	0.0	7.5	23.8	46.2	56.1	72.6	100.8	135.3	187.3	255.0	297.2
22.5°	0.0	7.7	24.4	47.8	56.7	72.8	99.2	135.1	194.9	262.4	308.9
20°	0.0	7.8	25.0	49.3	57.1	74.6	97.1	134.4	202.5	269.3	319.6
17.5°	0.0	7.9	25.5	50.7	57.5	76.3	97.2	133.1	210.1	275.7	329.1
15°	0.0	8.0	25.9	51.9	57.8	77.8	98.7	132.7	217.4	281.5	337.4
12.5°	0.0	8.1	26.2	53.1	58.0	79.0	99.9	133.3	222.5	286.7	344.6
10°	0.0	8.2	26.4	54.1	58.2	80.0	100.8	133.0	224.5	291.0	350.7
7.5°	0.0	8.2	26.6	55.0	58.3	80.8	101.4	131.9	224.7	295.2	355.9
5°	0.0	8.3	26.7	55.7	58.4	81.3	101.8	130.2	223.2	299.0	359.8
2.5°	0.0	8.3	26.7	56.3	58.4	81.7	101.9	127.9	220.0	301.9	362.4
0°	0.0	8.3	26.7	56.7	58.4	81.8	101.8	125.2	215.3	303.7	363.8
-2.5°	0.0	8.3	26.7	56.3	58.4	81.7	101.9	127.9	220.0	301.9	362.4
-5°	0.0	8.3	26.7	55.7	58.4	81.3	101.8	130.2	223.2	299.0	359.8
-7.5°	0.0	8.2	26.6	55.0	58.3	80.8	101.4	131.9	224.7	295.2	355.9
-10°	0.0	8.2	26.4	54.1	58.2	80.0	100.8	133.0	224.5	291.0	350.7
-12.5°	0.0	8.1	26.2	53.1	58.0	79.0	99.9	133.3	222.5	286.7	344.6
-15°	0.0	8.0	25.9	51.9	57.8	77.8	98.7	132.7	217.4	281.5	337.4
-17.5°	0.0	7.9	25.5	50.7	57.5	76.3	97.2	133.1	210.1	275.7	329.1
-20°	0.0	7.8	25.0	49.3	57.1	74.6	97.1	134.4	202.5	269.3	319.6



REPORT NUMBER: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.7	24.4	47.8	56.7	72.8	99.2	135.1	194.9	262.4	308.9
-25°	0.0	7.5	23.8	46.2	56.1	72.6	100.8	135.3	187.3	255.0	297.2
-27.5°	0.0	7.4	23.1	44.6	55.5	72.8	101.9	134.9	180.1	246.1	287.6
-30°	0.0	7.2	22.4	42.9	54.9	72.6	102.5	134.0	176.6	235.3	277.9
-32.5°	0.0	7.0	21.6	41.1	55.5	72.0	102.6	134.0	174.9	225.8	268.0
-35°	0.0	6.8	20.7	39.2	55.8	70.8	101.8	133.8	172.5	217.6	257.9
-37.5°	0.0	6.6	19.7	37.3	55.9	70.0	100.2	132.9	169.7	210.8	246.8
-40°	0.0	6.4	18.7	35.3	55.7	70.0	97.9	131.2	166.3	206.3	235.3
-42.5°	0.0	6.1	17.6	33.4	54.4	69.6	95.0	128.8	163.1	197.0	223.3
-45°	0.0	5.9	16.4	31.6	52.0	68.8	91.4	125.3	159.6	186.6	210.9
-47.5°	0.0	5.6	15.2	29.6	49.4	67.5	87.2	120.2	155.0	175.7	198.7
-50°	0.0	5.3	13.9	27.7	46.5	65.9	84.6	114.3	146.0	165.6	186.0
-52.5°	0.0	5.1	12.6	25.8	43.3	63.8	81.8	107.6	135.4	155.2	173.1
-55°	0.0	4.8	11.2	23.8	39.9	59.7	78.4	100.4	124.1	144.6	161.4
-57.5°	0.0	4.5	9.8	21.7	36.3	55.0	74.4	95.1	112.5	132.1	149.4
-60°	0.0	4.1	8.3	19.4	32.5	49.9	69.7	87.8	101.1	118.9	136.5
-62.5°	0.0	3.8	7.7	17.1	29.2	44.5	62.9	79.6	90.9	105.4	121.7
-65°	0.0	3.5	7.0	14.6	25.7	38.9	55.6	70.6	80.1	92.1	106.6
-67.5°	0.0	3.2	6.3	12.1	22.1	33.5	48.0	60.7	68.8	78.3	90.4
-70°	0.0	2.8	5.7	9.5	18.4	28.6	40.2	50.8	58.0	63.9	73.1
-72.5°	0.0	2.5	5.0	8.1	14.6	23.4	33.3	40.9	47.3	52.5	56.4
-75°	0.0	2.1	4.3	7.0	10.6	18.1	26.5	32.4	36.7	41.3	44.7
-77.5°	0.0	1.8	3.6	5.9	8.5	12.7	19.6	24.5	28.1	30.8	33.2
-80°	0.0	1.4	2.9	4.7	6.9	9.3	12.5	16.5	19.7	22.2	23.9
-82.5°	0.0	1.1	2.2	3.6	5.2	7.0	9.0	10.2	11.4	13.7	15.4
-85°	0.0	0.7	1.4	2.4	3.5	4.7	6.0	6.8	7.4	8.0	8.5
-87.5°	0.0	0.4	0.7	1.2	1.7	2.3	3.0	3.4	3.7	4.0	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA4C-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	4.2	4.0	3.8	3.6	3.2	2.8	2.3	2.4	2.5	2.6
85°	8.5	8.4	9.0	9.7	9.9	9.8	9.5	8.9	10.2	11.7	13.3
82.5°	16.9	18.4	19.8	21.1	21.2	20.7	19.9	19.1	22.0	25.7	29.5
80°	26.1	28.3	31.6	35.0	35.9	35.5	34.4	32.5	36.6	42.5	49.3
77.5°	37.3	41.9	46.4	51.0	52.2	51.2	49.0	45.6	50.7	60.3	71.0
75°	49.6	55.3	62.6	68.3	69.5	67.5	64.1	61.1	67.4	79.3	90.7
72.5°	64.8	74.1	81.3	86.3	86.7	84.9	83.2	81.7	88.6	102.8	114.5
70°	84.1	93.5	99.1	102.2	102.8	104.0	108.7	113.2	120.1	132.2	141.9
67.5°	103.3	110.8	115.8	119.5	126.6	133.4	140.0	146.7	154.5	164.8	172.1
65°	120.4	128.1	134.7	143.4	153.9	162.1	170.9	180.4	191.1	200.7	207.7
62.5°	137.4	145.5	154.9	166.3	178.4	189.5	202.4	215.6	228.3	239.3	251.2
60°	151.2	162.2	174.7	188.4	203.1	220.0	235.5	250.7	264.6	278.3	295.1
57.5°	164.4	179.3	194.6	211.1	230.3	250.8	269.0	285.7	303.2	323.0	339.6
55°	178.3	197.0	214.5	234.5	257.4	282.1	302.1	320.9	342.5	366.2	384.7
52.5°	193.3	214.0	234.5	258.5	286.1	310.7	331.6	355.1	381.2	407.0	428.5
50°	207.8	230.6	254.5	284.9	312.3	335.9	361.7	390.0	417.3	443.9	469.3
47.5°	222.5	246.8	278.5	309.6	335.3	362.9	393.0	422.2	450.9	478.5	505.2
45°	236.8	265.7	301.0	330.5	359.0	390.7	421.8	452.4	482.6	512.0	541.0
42.5°	250.7	284.3	319.7	350.7	383.5	416.5	449.2	481.5	513.4	544.8	575.8
40°	265.8	301.2	338.5	372.2	406.5	441.0	475.3	509.4	543.1	576.4	609.3
37.5°	279.7	318.7	357.6	392.9	428.1	464.3	500.3	536.4	571.8	606.6	644.0
35°	292.2	336.4	375.6	412.7	449.7	486.3	524.4	562.3	599.7	637.4	685.1
32.5°	306.2	354.3	392.7	431.8	470.1	507.8	547.3	587.5	627.3	671.4	740.0
30°	322.0	369.2	408.9	450.0	489.2	528.8	569.7	611.7	653.5	722.0	880.4
27.5°	337.3	382.9	424.7	466.7	507.1	548.2	591.0	634.5	692.9	798.2	1055.1
25°	351.5	396.0	439.5	482.0	523.7	566.3	610.6	655.8	735.0	947.7	1515.2
22.5°	363.6	408.7	453.9	496.0	538.7	582.8	628.8	688.8	811.2	1098.7	2027.2
20°	373.8	420.8	467.0	510.8	552.8	597.4	645.3	720.2	926.9	1529.6	2640.7
17.5°	383.3	431.8	479.1	524.8	568.9	612.7	661.9	747.3	1031.0	1904.1	3257.6
15°	392.0	441.7	490.3	538.0	583.6	629.2	687.9	824.3	1241.7	2276.0	3807.2
12.5°	399.9	450.3	500.5	550.1	596.8	644.0	711.3	900.8	1499.8	2712.2	4182.2
10°	406.8	457.8	509.6	561.2	608.5	656.9	731.1	963.7	1711.9	3071.0	4483.6
7.5°	413.2	464.9	518.1	571.0	618.5	668.0	747.3	1012.7	1875.8	3341.2	4724.1
5°	418.6	471.9	528.1	581.8	631.2	680.1	761.1	1048.0	1990.9	3523.3	4899.3
2.5°	422.7	477.8	536.9	591.3	645.1	694.8	777.0	1074.1	2065.1	3639.3	5011.3
0°	425.6	482.3	544.1	599.1	657.6	707.6	789.4	1086.5	2092.8	3681.6	5053.5
-2.5°	422.7	477.8	536.9	591.3	645.1	694.8	777.0	1074.1	2065.1	3639.3	5011.3
-5°	418.6	471.9	528.1	581.8	631.2	680.1	761.1	1048.0	1990.9	3523.3	4899.3
-7.5°	413.2	464.9	518.1	571.0	618.5	668.0	747.3	1012.7	1875.8	3341.2	4724.1
-10°	406.8	457.8	509.6	561.2	608.5	656.9	731.1	963.7	1711.9	3071.0	4483.6
-12.5°	399.9	450.3	500.5	550.1	596.8	644.0	711.3	900.8	1499.8	2712.2	4182.2
-15°	392.0	441.7	490.3	538.0	583.6	629.2	687.9	824.3	1241.7	2276.0	3807.2
-17.5°	383.3	431.8	479.1	524.8	568.9	612.7	661.9	747.3	1031.0	1904.1	3257.6
-20°	373.8	420.8	467.0	510.8	552.8	597.4	645.3	720.2	926.9	1529.6	2640.7



REPORT NUMBER: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	363.6	408.7	453.9	496.0	538.7	582.8	628.8	688.8	811.2	1098.7	2027.2
-25°	351.5	396.0	439.5	482.0	523.7	566.3	610.6	655.8	735.0	947.7	1515.2
-27.5°	337.3	382.9	424.7	466.7	507.1	548.2	591.0	634.5	692.9	798.2	1055.1
-30°	322.0	369.2	408.9	450.0	489.2	528.8	569.7	611.7	653.5	722.0	880.4
-32.5°	306.2	354.3	392.7	431.8	470.1	507.8	547.3	587.5	627.3	671.4	740.0
-35°	292.2	336.4	375.6	412.7	449.7	486.3	524.4	562.3	599.7	637.4	685.1
-37.5°	279.7	318.7	357.6	392.9	428.1	464.3	500.3	536.4	571.8	606.6	644.0
-40°	265.8	301.2	338.5	372.2	406.5	441.0	475.3	509.4	543.1	576.4	609.3
-42.5°	250.7	284.3	319.7	350.7	383.5	416.5	449.2	481.5	513.4	544.8	575.8
-45°	236.8	265.7	301.0	330.5	359.0	390.7	421.8	452.4	482.6	512.0	541.0
-47.5°	222.5	246.8	278.5	309.6	335.3	362.9	393.0	422.2	450.9	478.5	505.2
-50°	207.8	230.6	254.5	284.9	312.3	335.9	361.7	390.0	417.3	443.9	469.3
-52.5°	193.3	214.0	234.5	258.5	286.1	310.7	331.6	355.1	381.2	407.0	428.5
-55°	178.3	197.0	214.5	234.5	257.4	282.1	302.1	320.9	342.5	366.2	384.7
-57.5°	164.4	179.3	194.6	211.1	230.3	250.8	269.0	285.7	303.2	323.0	339.6
-60°	151.2	162.2	174.7	188.4	203.1	220.0	235.5	250.7	264.6	278.3	295.1
-62.5°	137.4	145.5	154.9	166.3	178.4	189.5	202.4	215.6	228.3	239.3	251.2
-65°	120.4	128.1	134.7	143.4	153.9	162.1	170.9	180.4	191.1	200.7	207.7
-67.5°	103.3	110.8	115.8	119.5	126.6	133.4	140.0	146.7	154.5	164.8	172.1
-70°	84.1	93.5	99.1	102.2	102.8	104.0	108.7	113.2	120.1	132.2	141.9
-72.5°	64.8	74.1	81.3	86.3	86.7	84.9	83.2	81.7	88.6	102.8	114.5
-75°	49.6	55.3	62.6	68.3	69.5	67.5	64.1	61.1	67.4	79.3	90.7
-77.5°	37.3	41.9	46.4	51.0	52.2	51.2	49.0	45.6	50.7	60.3	71.0
-80°	26.1	28.3	31.6	35.0	35.9	35.5	34.4	32.5	36.6	42.5	49.3
-82.5°	16.9	18.4	19.8	21.1	21.2	20.7	19.9	19.1	22.0	25.7	29.5
-85°	8.5	8.4	9.0	9.7	9.9	9.8	9.5	8.9	10.2	11.7	13.3
-87.5°	4.2	4.2	4.0	3.8	3.6	3.2	2.8	2.3	2.4	2.5	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: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-MWR-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°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	2.8	2.5
85°	15.0	14.6	13.8	12.8	11.6	12.2	12.9	13.5	14.2	13.3	12.2
82.5°	33.6	34.1	34.1	34.0	33.8	35.3	36.7	37.9	39.0	36.0	32.5
80°	56.7	59.4	61.0	62.5	63.7	63.7	62.9	61.3	59.2	54.2	48.6
77.5°	82.0	86.2	88.3	90.5	92.7	93.4	93.9	94.5	95.1	86.3	75.1
75°	101.7	108.0	111.6	115.0	118.2	120.0	121.0	121.6	121.9	111.3	97.6
72.5°	124.0	130.2	134.6	138.8	142.8	145.3	146.8	147.9	148.7	139.4	126.3
70°	148.7	153.6	158.8	164.0	168.9	172.1	174.3	176.0	177.3	176.4	175.7
67.5°	177.8	182.1	188.5	193.5	198.5	202.1	205.8	208.8	211.0	213.5	216.3
65°	214.4	224.6	234.0	238.7	239.4	244.6	253.1	258.5	261.2	263.4	266.2
62.5°	265.1	277.7	284.3	292.3	302.6	312.2	315.8	320.8	326.7	333.8	341.9
60°	308.7	319.1	329.7	340.8	350.2	358.1	366.7	375.3	383.0	390.2	397.1
57.5°	353.2	364.6	375.4	388.4	397.4	402.7	411.1	421.3	429.2	435.4	444.7
55°	399.4	414.0	428.8	440.5	449.0	454.7	461.0	470.8	476.7	478.9	489.7
52.5°	445.8	463.1	481.4	495.0	504.1	512.5	520.2	528.9	534.9	537.8	548.3
50°	488.9	509.5	529.8	547.5	559.6	573.6	589.4	597.2	602.3	607.9	619.7
47.5°	529.8	552.8	574.6	594.7	612.1	627.7	641.3	654.5	673.8	689.2	704.4
45°	569.1	593.7	617.3	639.8	659.2	689.9	719.2	744.1	810.7	866.7	909.4
42.5°	606.1	635.8	662.3	700.0	740.9	811.9	921.5	1023.0	1219.5	1472.4	1683.7
40°	644.7	683.2	730.8	804.0	942.6	1085.0	1511.0	1890.5	2263.7	2688.3	3052.0
37.5°	689.8	747.8	887.3	1052.7	1497.0	1988.5	2592.0	3184.5	3700.4	4141.9	4510.5
35°	749.4	928.7	1189.3	1792.3	2448.7	3254.4	3950.1	4507.3	5017.0	5426.0	5733.9
32.5°	925.3	1253.3	1941.6	2771.0	3673.8	4452.3	5129.9	5663.4	6128.3	6494.9	6780.4
30°	1182.7	1936.5	2871.4	3864.7	4764.0	5507.3	6133.3	6641.9	7056.9	7429.9	7743.1
27.5°	1794.6	2764.5	3863.3	4876.5	5694.5	6390.4	6952.0	7455.7	7913.2	8306.0	8676.3
25°	2464.1	3664.8	4773.1	5695.2	6458.7	7111.5	7703.8	8254.8	8767.1	9226.8	9657.5
22.5°	3268.1	4465.6	5524.9	6378.3	7118.1	7788.7	8417.8	9031.1	9627.4	10188.4	10709.5
20°	3996.1	5171.4	6095.0	6947.4	7715.9	8414.8	9108.1	9822.9	10511.0	11186.8	11814.2
17.5°	4563.4	5656.7	6584.0	7447.9	8230.2	9021.7	9815.3	10636.2	11466.2	12251.0	13001.5
15°	5037.1	6061.6	7001.3	7865.2	8725.3	9598.6	10485.1	11452.2	12439.5	13378.8	14335.5
12.5°	5372.9	6399.5	7352.2	8219.0	9183.3	10131.2	11163.2	12265.4	13405.6	14499.7	15674.9
10°	5642.9	6669.1	7613.8	8548.3	9568.9	10620.0	11777.5	12991.5	14352.1	15647.6	16913.7
7.5°	5874.5	6894.0	7823.9	8816.9	9889.7	11045.0	12303.9	13676.4	15148.8	16590.4	18097.5
5°	6044.0	7047.2	7987.2	9037.1	10136.4	11355.5	12709.9	14176.5	15755.6	17335.1	18825.6
2.5°	6133.6	7134.6	8088.7	9173.6	10281.0	11543.7	12954.2	14508.7	16176.6	17900.1	19369.7
0°	6131.6	7171.3	8127.6	9265.8	10387.3	11600.6	13059.3	14721.5	16348.7	18139.4	19648.1
-2.5°	6133.6	7134.6	8088.7	9173.6	10281.0	11543.7	12954.2	14508.7	16176.6	17900.1	19369.7
-5°	6044.0	7047.2	7987.2	9037.1	10136.4	11355.5	12709.9	14176.5	15755.6	17335.1	18825.6
-7.5°	5874.5	6894.0	7823.9	8816.9	9889.7	11045.0	12303.9	13676.4	15148.8	16590.4	18097.5
-10°	5642.9	6669.1	7613.8	8548.3	9568.9	10620.0	11777.5	12991.5	14352.1	15647.6	16913.7
-12.5°	5372.9	6399.5	7352.2	8219.0	9183.3	10131.2	11163.2	12265.4	13405.6	14499.7	15674.9
-15°	5037.1	6061.6	7001.3	7865.2	8725.3	9598.6	10485.1	11452.2	12439.5	13378.8	14335.5
-17.5°	4563.4	5656.7	6584.0	7447.9	8230.2	9021.7	9815.3	10636.2	11466.2	12251.0	13001.5
-20°	3996.1	5171.4	6095.0	6947.4	7715.9	8414.8	9108.1	9822.9	10511.0	11186.8	11814.2



REPORT NUMBER: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3268.1	4465.6	5524.9	6378.3	7118.1	7788.7	8417.8	9031.1	9627.4	10188.4	10709.5
-25°	2464.1	3664.8	4773.1	5695.2	6458.7	7111.5	7703.8	8254.8	8767.1	9226.8	9657.5
-27.5°	1794.6	2764.5	3863.3	4876.5	5694.5	6390.4	6952.0	7455.7	7913.2	8306.0	8676.3
-30°	1182.7	1936.5	2871.4	3864.7	4764.0	5507.3	6133.3	6641.9	7056.9	7429.9	7743.1
-32.5°	925.3	1253.3	1941.6	2771.0	3673.8	4452.3	5129.9	5663.4	6128.3	6494.9	6780.4
-35°	749.4	928.7	1189.3	1792.3	2448.7	3254.4	3950.1	4507.3	5017.0	5426.0	5733.9
-37.5°	689.8	747.8	887.3	1052.7	1497.0	1988.5	2592.0	3184.5	3700.4	4141.9	4510.5
-40°	644.7	683.2	730.8	804.0	942.6	1085.0	1511.0	1890.5	2263.7	2688.3	3052.0
-42.5°	606.1	635.8	662.3	700.0	740.9	811.9	921.5	1023.0	1219.5	1472.4	1683.7
-45°	569.1	593.7	617.3	639.8	659.2	689.9	719.2	744.1	810.7	866.7	909.4
-47.5°	529.8	552.8	574.6	594.7	612.1	627.7	641.3	654.5	673.8	689.2	704.4
-50°	488.9	509.5	529.8	547.5	559.6	573.6	589.4	597.2	602.3	607.9	619.7
-52.5°	445.8	463.1	481.4	495.0	504.1	512.5	520.2	528.9	534.9	537.8	548.3
-55°	399.4	414.0	428.8	440.5	449.0	454.7	461.0	470.8	476.7	478.9	489.7
-57.5°	353.2	364.6	375.4	388.4	397.4	402.7	411.1	421.3	429.2	435.4	444.7
-60°	308.7	319.1	329.7	340.8	350.2	358.1	366.7	375.3	383.0	390.2	397.1
-62.5°	265.1	277.7	284.3	292.3	302.6	312.2	315.8	320.8	326.7	333.8	341.9
-65°	214.4	224.6	234.0	238.7	239.4	244.6	253.1	258.5	261.2	263.4	266.2
-67.5°	177.8	182.1	188.5	193.5	198.5	202.1	205.8	208.8	211.0	213.5	216.3
-70°	148.7	153.6	158.8	164.0	168.9	172.1	174.3	176.0	177.3	176.4	175.7
-72.5°	124.0	130.2	134.6	138.8	142.8	145.3	146.8	147.9	148.7	139.4	126.3
-75°	101.7	108.0	111.6	115.0	118.2	120.0	121.0	121.6	121.9	111.3	97.6
-77.5°	82.0	86.2	88.3	90.5	92.7	93.4	93.9	94.5	95.1	86.3	75.1
-80°	56.7	59.4	61.0	62.5	63.7	63.7	62.9	61.3	59.2	54.2	48.6
-82.5°	33.6	34.1	34.1	34.0	33.8	35.3	36.7	37.9	39.0	36.0	32.5
-85°	15.0	14.6	13.8	12.8	11.6	12.2	12.9	13.5	14.2	13.3	12.2
-87.5°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	2.8	2.5
-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: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-MWR-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°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.8	3.2	3.1
85°	11.1	9.9	10.0	10.0	10.0	9.9	11.1	12.2	13.3	14.2	13.5
82.5°	28.8	24.9	25.0	25.0	25.0	24.9	28.8	32.5	36.0	39.0	37.9
80°	42.8	36.7	37.5	38.4	37.5	36.7	42.8	48.6	54.2	59.2	61.3
77.5°	63.1	50.5	50.0	50.1	50.0	50.5	63.1	75.1	86.3	95.1	94.5
75°	83.5	69.0	68.3	68.4	68.3	69.0	83.5	97.6	111.3	121.9	121.6
72.5°	112.9	99.0	92.8	86.8	92.8	99.0	112.9	126.3	139.4	148.7	147.9
70°	175.9	176.3	170.2	161.9	170.2	176.3	175.9	175.7	176.4	177.3	176.0
67.5°	218.6	220.4	223.0	225.3	223.0	220.4	218.6	216.3	213.5	211.0	208.8
65°	267.4	267.3	268.2	268.7	268.2	267.3	267.4	266.2	263.4	261.2	258.5
62.5°	348.9	354.5	358.5	360.5	358.5	354.5	348.9	341.9	333.8	326.7	320.8
60°	403.0	407.6	414.1	420.6	414.1	407.6	403.0	397.1	390.2	383.0	375.3
57.5°	453.4	461.2	467.6	472.3	467.6	461.2	453.4	444.7	435.4	429.2	421.3
55°	500.0	509.1	517.8	525.7	517.8	509.1	500.0	489.7	478.9	476.7	470.8
52.5°	558.5	566.0	578.4	594.1	578.4	566.0	558.5	548.3	537.8	534.9	528.9
50°	633.3	644.6	660.3	679.2	660.3	644.6	633.3	619.7	607.9	602.3	597.2
47.5°	719.8	731.1	746.2	766.0	746.2	731.1	719.8	704.4	689.2	673.8	654.5
45°	948.4	975.1	999.5	1026.4	999.5	975.1	948.4	909.4	866.7	810.7	744.1
42.5°	1853.0	1970.0	2020.5	1991.0	2020.5	1970.0	1853.0	1683.7	1472.4	1219.5	1023.0
40°	3329.4	3523.9	3638.4	3678.3	3638.4	3523.9	3329.4	3052.0	2688.3	2263.7	1890.5
37.5°	4779.7	4958.8	5055.4	5066.8	5055.4	4958.8	4779.7	4510.5	4141.9	3700.4	3184.5
35°	5956.2	6103.7	6191.1	6256.8	6191.1	6103.7	5956.2	5733.9	5426.0	5017.0	4507.3
32.5°	7012.8	7180.9	7278.1	7256.4	7278.1	7180.9	7012.8	6780.4	6494.9	6128.3	5663.4
30°	7999.8	8183.6	8297.8	8301.2	8297.8	8183.6	7999.8	7743.1	7429.9	7056.9	6641.9
27.5°	8975.6	9182.0	9301.1	9394.3	9301.1	9182.0	8975.6	8676.3	8306.0	7913.2	7455.7
25°	10016.6	10273.9	10426.7	10519.2	10426.7	10273.9	10016.6	9657.5	9226.8	8767.1	8254.8
22.5°	11139.0	11457.7	11667.2	11754.2	11667.2	11457.7	11139.0	10709.5	10188.4	9627.4	9031.1
20°	12359.9	12754.9	13022.3	13014.2	13022.3	12754.9	12359.9	11814.2	11186.8	10511.0	9822.9
17.5°	13722.3	14231.8	14576.5	14626.4	14576.5	14231.8	13722.3	13001.5	12251.0	11466.2	10636.2
15°	15182.8	15839.7	16285.6	16423.8	16285.6	15839.7	15182.8	14335.5	13378.8	12439.5	11452.2
12.5°	16679.5	17460.8	18055.2	18252.9	18055.2	17460.8	16679.5	15674.9	14499.7	13405.6	12265.4
10°	18105.5	18970.9	19616.2	19901.8	19616.2	18970.9	18105.5	16913.7	15647.6	14352.1	12991.5
7.5°	19297.6	20176.9	20841.6	21076.7	20841.6	20176.9	19297.6	18097.5	16590.4	15148.8	13676.4
5°	20083.1	21043.7	21560.5	21851.1	21560.5	21043.7	20083.1	18825.6	17335.1	15755.6	14176.5
2.5°	20607.8	21422.3	21945.8	22213.3	21945.8	21422.3	20607.8	19369.7	17900.1	16176.6	14508.7
0°	20886.5	21715.9	22099.8	22230.0	22099.8	21715.9	20886.5	19648.1	18139.4	16348.7	14721.5
-2.5°	20607.8	21422.3	21945.8	22213.3	21945.8	21422.3	20607.8	19369.7	17900.1	16176.6	14508.7
-5°	20083.1	21043.7	21560.5	21851.1	21560.5	21043.7	20083.1	18825.6	17335.1	15755.6	14176.5
-7.5°	19297.6	20176.9	20841.6	21076.7	20841.6	20176.9	19297.6	18097.5	16590.4	15148.8	13676.4
-10°	18105.5	18970.9	19616.2	19901.8	19616.2	18970.9	18105.5	16913.7	15647.6	14352.1	12991.5
-12.5°	16679.5	17460.8	18055.2	18252.9	18055.2	17460.8	16679.5	15674.9	14499.7	13405.6	12265.4
-15°	15182.8	15839.7	16285.6	16423.8	16285.6	15839.7	15182.8	14335.5	13378.8	12439.5	11452.2
-17.5°	13722.3	14231.8	14576.5	14626.4	14576.5	14231.8	13722.3	13001.5	12251.0	11466.2	10636.2
-20°	12359.9	12754.9	13022.3	13014.2	13022.3	12754.9	12359.9	11814.2	11186.8	10511.0	9822.9



REPORT NUMBER: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11139.0	11457.7	11667.2	11754.2	11667.2	11457.7	11139.0	10709.5	10188.4	9627.4	9031.1
-25°	10016.6	10273.9	10426.7	10519.2	10426.7	10273.9	10016.6	9657.5	9226.8	8767.1	8254.8
-27.5°	8975.6	9182.0	9301.1	9394.3	9301.1	9182.0	8975.6	8676.3	8306.0	7913.2	7455.7
-30°	7999.8	8183.6	8297.8	8301.2	8297.8	8183.6	7999.8	7743.1	7429.9	7056.9	6641.9
-32.5°	7012.8	7180.9	7278.1	7256.4	7278.1	7180.9	7012.8	6780.4	6494.9	6128.3	5663.4
-35°	5956.2	6103.7	6191.1	6256.8	6191.1	6103.7	5956.2	5733.9	5426.0	5017.0	4507.3
-37.5°	4779.7	4958.8	5055.4	5066.8	5055.4	4958.8	4779.7	4510.5	4141.9	3700.4	3184.5
-40°	3329.4	3523.9	3638.4	3678.3	3638.4	3523.9	3329.4	3052.0	2688.3	2263.7	1890.5
-42.5°	1853.0	1970.0	2020.5	1991.0	2020.5	1970.0	1853.0	1683.7	1472.4	1219.5	1023.0
-45°	948.4	975.1	999.5	1026.4	999.5	975.1	948.4	909.4	866.7	810.7	744.1
-47.5°	719.8	731.1	746.2	766.0	746.2	731.1	719.8	704.4	689.2	673.8	654.5
-50°	633.3	644.6	660.3	679.2	660.3	644.6	633.3	619.7	607.9	602.3	597.2
-52.5°	558.5	566.0	578.4	594.1	578.4	566.0	558.5	548.3	537.8	534.9	528.9
-55°	500.0	509.1	517.8	525.7	517.8	509.1	500.0	489.7	478.9	476.7	470.8
-57.5°	453.4	461.2	467.6	472.3	467.6	461.2	453.4	444.7	435.4	429.2	421.3
-60°	403.0	407.6	414.1	420.6	414.1	407.6	403.0	397.1	390.2	383.0	375.3
-62.5°	348.9	354.5	358.5	360.5	358.5	354.5	348.9	341.9	333.8	326.7	320.8
-65°	267.4	267.3	268.2	268.7	268.2	267.3	267.4	266.2	263.4	261.2	258.5
-67.5°	218.6	220.4	223.0	225.3	223.0	220.4	218.6	216.3	213.5	211.0	208.8
-70°	175.9	176.3	170.2	161.9	170.2	176.3	175.9	175.7	176.4	177.3	176.0
-72.5°	112.9	99.0	92.8	86.8	92.8	99.0	112.9	126.3	139.4	148.7	147.9
-75°	83.5	69.0	68.3	68.4	68.3	69.0	83.5	97.6	111.3	121.9	121.6
-77.5°	63.1	50.5	50.0	50.1	50.0	50.5	63.1	75.1	86.3	95.1	94.5
-80°	42.8	36.7	37.5	38.4	37.5	36.7	42.8	48.6	54.2	59.2	61.3
-82.5°	28.8	24.9	25.0	25.0	25.0	24.9	28.8	32.5	36.0	39.0	37.9
-85°	11.1	9.9	10.0	10.0	10.0	9.9	11.1	12.2	13.3	14.2	13.5
-87.5°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.8	3.2	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-MWR-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°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
85°	12.9	12.2	11.6	12.8	13.8	14.6	15.0	13.3	11.7	10.2	8.9
82.5°	36.7	35.3	33.8	34.0	34.1	34.1	33.6	29.5	25.7	22.0	19.1
80°	62.9	63.7	63.7	62.5	61.0	59.4	56.7	49.3	42.5	36.6	32.5
77.5°	93.9	93.4	92.7	90.5	88.3	86.2	82.0	71.0	60.3	50.7	45.6
75°	121.0	120.0	118.2	115.0	111.6	108.0	101.7	90.7	79.3	67.4	61.1
72.5°	146.8	145.3	142.8	138.8	134.6	130.2	124.0	114.5	102.8	88.6	81.7
70°	174.3	172.1	168.9	164.0	158.8	153.6	148.7	141.9	132.2	120.1	113.2
67.5°	205.8	202.1	198.5	193.5	188.5	182.1	177.8	172.1	164.8	154.5	146.7
65°	253.1	244.6	239.4	238.7	234.0	224.6	214.4	207.7	200.7	191.1	180.4
62.5°	315.8	312.2	302.6	292.3	284.3	277.7	265.1	251.2	239.3	228.3	215.6
60°	366.7	358.1	350.2	340.8	329.7	319.1	308.7	295.1	278.3	264.6	250.7
57.5°	411.1	402.7	397.4	388.4	375.4	364.6	353.2	339.6	323.0	303.2	285.7
55°	461.0	454.7	449.0	440.5	428.8	414.0	399.4	384.7	366.2	342.5	320.9
52.5°	520.2	512.5	504.1	495.0	481.4	463.1	445.8	428.5	407.0	381.2	355.1
50°	589.4	573.6	559.6	547.5	529.8	509.5	488.9	469.3	443.9	417.3	390.0
47.5°	641.3	627.7	612.1	594.7	574.6	552.8	529.8	505.2	478.5	450.9	422.2
45°	719.2	689.9	659.2	639.8	617.3	593.7	569.1	541.0	512.0	482.6	452.4
42.5°	921.5	811.9	740.9	700.0	662.3	635.8	606.1	575.8	544.8	513.4	481.5
40°	1511.0	1085.0	942.6	804.0	730.8	683.2	644.7	609.3	576.4	543.1	509.4
37.5°	2592.0	1988.5	1497.0	1052.7	887.3	747.8	689.8	644.0	606.6	571.8	536.4
35°	3950.1	3254.4	2448.7	1792.3	1189.3	928.7	749.4	685.1	637.4	599.7	562.3
32.5°	5129.9	4452.3	3673.8	2771.0	1941.6	1253.3	925.3	740.0	671.4	627.3	587.5
30°	6133.3	5507.3	4764.0	3864.7	2871.4	1936.5	1182.7	880.4	722.0	653.5	611.7
27.5°	6952.0	6390.4	5694.5	4876.5	3863.3	2764.5	1794.6	1055.1	798.2	692.9	634.5
25°	7703.8	7111.5	6458.7	5695.2	4773.1	3664.8	2464.1	1515.2	947.7	735.0	655.8
22.5°	8417.8	7788.7	7118.1	6378.3	5524.9	4465.6	3268.1	2027.2	1098.7	811.2	688.8
20°	9108.1	8414.8	7715.9	6947.4	6095.0	5171.4	3996.1	2640.7	1529.6	926.9	720.2
17.5°	9815.3	9021.7	8230.2	7447.9	6584.0	5656.7	4563.4	3257.6	1904.1	1031.0	747.3
15°	10485.1	9598.6	8725.3	7865.2	7001.3	6061.6	5037.1	3807.2	2276.0	1241.7	824.3
12.5°	11163.2	10131.2	9183.3	8219.0	7352.2	6399.5	5372.9	4182.2	2712.2	1499.8	900.8
10°	11777.5	10620.0	9568.9	8548.3	7613.8	6669.1	5642.9	4483.6	3071.0	1711.9	963.7
7.5°	12303.9	11045.0	9889.7	8816.9	7823.9	6894.0	5874.5	4724.1	3341.2	1875.8	1012.7
5°	12709.9	11355.5	10136.4	9037.1	7987.2	7047.2	6044.0	4899.3	3523.3	1990.9	1048.0
2.5°	12954.2	11543.7	10281.0	9173.6	8088.7	7134.6	6133.6	5011.3	3639.3	2065.1	1074.1
0°	13059.3	11600.6	10387.3	9265.8	8127.6	7171.3	6131.6	5053.5	3681.6	2092.8	1086.5
-2.5°	12954.2	11543.7	10281.0	9173.6	8088.7	7134.6	6133.6	5011.3	3639.3	2065.1	1074.1
-5°	12709.9	11355.5	10136.4	9037.1	7987.2	7047.2	6044.0	4899.3	3523.3	1990.9	1048.0
-7.5°	12303.9	11045.0	9889.7	8816.9	7823.9	6894.0	5874.5	4724.1	3341.2	1875.8	1012.7
-10°	11777.5	10620.0	9568.9	8548.3	7613.8	6669.1	5642.9	4483.6	3071.0	1711.9	963.7
-12.5°	11163.2	10131.2	9183.3	8219.0	7352.2	6399.5	5372.9	4182.2	2712.2	1499.8	900.8
-15°	10485.1	9598.6	8725.3	7865.2	7001.3	6061.6	5037.1	3807.2	2276.0	1241.7	824.3
-17.5°	9815.3	9021.7	8230.2	7447.9	6584.0	5656.7	4563.4	3257.6	1904.1	1031.0	747.3
-20°	9108.1	8414.8	7715.9	6947.4	6095.0	5171.4	3996.1	2640.7	1529.6	926.9	720.2



REPORT NUMBER: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8417.8	7788.7	7118.1	6378.3	5524.9	4465.6	3268.1	2027.2	1098.7	811.2	688.8
-25°	7703.8	7111.5	6458.7	5695.2	4773.1	3664.8	2464.1	1515.2	947.7	735.0	655.8
-27.5°	6952.0	6390.4	5694.5	4876.5	3863.3	2764.5	1794.6	1055.1	798.2	692.9	634.5
-30°	6133.3	5507.3	4764.0	3864.7	2871.4	1936.5	1182.7	880.4	722.0	653.5	611.7
-32.5°	5129.9	4452.3	3673.8	2771.0	1941.6	1253.3	925.3	740.0	671.4	627.3	587.5
-35°	3950.1	3254.4	2448.7	1792.3	1189.3	928.7	749.4	685.1	637.4	599.7	562.3
-37.5°	2592.0	1988.5	1497.0	1052.7	887.3	747.8	689.8	644.0	606.6	571.8	536.4
-40°	1511.0	1085.0	942.6	804.0	730.8	683.2	644.7	609.3	576.4	543.1	509.4
-42.5°	921.5	811.9	740.9	700.0	662.3	635.8	606.1	575.8	544.8	513.4	481.5
-45°	719.2	689.9	659.2	639.8	617.3	593.7	569.1	541.0	512.0	482.6	452.4
-47.5°	641.3	627.7	612.1	594.7	574.6	552.8	529.8	505.2	478.5	450.9	422.2
-50°	589.4	573.6	559.6	547.5	529.8	509.5	488.9	469.3	443.9	417.3	390.0
-52.5°	520.2	512.5	504.1	495.0	481.4	463.1	445.8	428.5	407.0	381.2	355.1
-55°	461.0	454.7	449.0	440.5	428.8	414.0	399.4	384.7	366.2	342.5	320.9
-57.5°	411.1	402.7	397.4	388.4	375.4	364.6	353.2	339.6	323.0	303.2	285.7
-60°	366.7	358.1	350.2	340.8	329.7	319.1	308.7	295.1	278.3	264.6	250.7
-62.5°	315.8	312.2	302.6	292.3	284.3	277.7	265.1	251.2	239.3	228.3	215.6
-65°	253.1	244.6	239.4	238.7	234.0	224.6	214.4	207.7	200.7	191.1	180.4
-67.5°	205.8	202.1	198.5	193.5	188.5	182.1	177.8	172.1	164.8	154.5	146.7
-70°	174.3	172.1	168.9	164.0	158.8	153.6	148.7	141.9	132.2	120.1	113.2
-72.5°	146.8	145.3	142.8	138.8	134.6	130.2	124.0	114.5	102.8	88.6	81.7
-75°	121.0	120.0	118.2	115.0	111.6	108.0	101.7	90.7	79.3	67.4	61.1
-77.5°	93.9	93.4	92.7	90.5	88.3	86.2	82.0	71.0	60.3	50.7	45.6
-80°	62.9	63.7	63.7	62.5	61.0	59.4	56.7	49.3	42.5	36.6	32.5
-82.5°	36.7	35.3	33.8	34.0	34.1	34.1	33.6	29.5	25.7	22.0	19.1
-85°	12.9	12.2	11.6	12.8	13.8	14.6	15.0	13.3	11.7	10.2	8.9
-87.5°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
-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: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-MWR-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	3.2	3.6	3.8	4.0	4.2	4.2	4.2	4.0	3.7	3.4
85°	9.5	9.8	9.9	9.7	9.0	8.4	8.5	8.5	8.0	7.4	6.8
82.5°	19.9	20.7	21.2	21.1	19.8	18.4	16.9	15.4	13.7	11.4	10.2
80°	34.4	35.5	35.9	35.0	31.6	28.3	26.1	23.9	22.2	19.7	16.5
77.5°	49.0	51.2	52.2	51.0	46.4	41.9	37.3	33.2	30.8	28.1	24.5
75°	64.1	67.5	69.5	68.3	62.6	55.3	49.6	44.7	41.3	36.7	32.4
72.5°	83.2	84.9	86.7	86.3	81.3	74.1	64.8	56.4	52.5	47.3	40.9
70°	108.7	104.0	102.8	102.2	99.1	93.5	84.1	73.1	63.9	58.0	50.8
67.5°	140.0	133.4	126.6	119.5	115.8	110.8	103.3	90.4	78.3	68.8	60.7
65°	170.9	162.1	153.9	143.4	134.7	128.1	120.4	106.6	92.1	80.1	70.6
62.5°	202.4	189.5	178.4	166.3	154.9	145.5	137.4	121.7	105.4	90.9	79.6
60°	235.5	220.0	203.1	188.4	174.7	162.2	151.2	136.5	118.9	101.1	87.8
57.5°	269.0	250.8	230.3	211.1	194.6	179.3	164.4	149.4	132.1	112.5	95.1
55°	302.1	282.1	257.4	234.5	214.5	197.0	178.3	161.4	144.6	124.1	100.4
52.5°	331.6	310.7	286.1	258.5	234.5	214.0	193.3	173.1	155.2	135.4	107.6
50°	361.7	335.9	312.3	284.9	254.5	230.6	207.8	186.0	165.6	146.0	114.3
47.5°	393.0	362.9	335.3	309.6	278.5	246.8	222.5	198.7	175.7	155.0	120.2
45°	421.8	390.7	359.0	330.5	301.0	265.7	236.8	210.9	186.6	159.6	125.3
42.5°	449.2	416.5	383.5	350.7	319.7	284.3	250.7	223.3	197.0	163.1	128.8
40°	475.3	441.0	406.5	372.2	338.5	301.2	265.8	235.3	206.3	166.3	131.2
37.5°	500.3	464.3	428.1	392.9	357.6	318.7	279.7	246.8	210.8	169.7	132.9
35°	524.4	486.3	449.7	412.7	375.6	336.4	292.2	257.9	217.6	172.5	133.8
32.5°	547.3	507.8	470.1	431.8	392.7	354.3	306.2	268.0	225.8	174.9	134.0
30°	569.7	528.8	489.2	450.0	408.9	369.2	322.0	277.9	235.3	176.6	134.0
27.5°	591.0	548.2	507.1	466.7	424.7	382.9	337.3	287.6	246.1	180.1	134.9
25°	610.6	566.3	523.7	482.0	439.5	396.0	351.5	297.2	255.0	187.3	135.3
22.5°	628.8	582.8	538.7	496.0	453.9	408.7	363.6	308.9	262.4	194.9	135.1
20°	645.3	597.4	552.8	510.8	467.0	420.8	373.8	319.6	269.3	202.5	134.4
17.5°	661.9	612.7	568.9	524.8	479.1	431.8	383.3	329.1	275.7	210.1	133.1
15°	687.9	629.2	583.6	538.0	490.3	441.7	392.0	337.4	281.5	217.4	132.7
12.5°	711.3	644.0	596.8	550.1	500.5	450.3	399.9	344.6	286.7	222.5	133.3
10°	731.1	656.9	608.5	561.2	509.6	457.8	406.8	350.7	291.0	224.5	133.0
7.5°	747.3	668.0	618.5	571.0	518.1	464.9	413.2	355.9	295.2	224.7	131.9
5°	761.1	680.1	631.2	581.8	528.1	471.9	418.6	359.8	299.0	223.2	130.2
2.5°	777.0	694.8	645.1	591.3	536.9	477.8	422.7	362.4	301.9	220.0	127.9
0°	789.4	707.6	657.6	599.1	544.1	482.3	425.6	363.8	303.7	215.3	125.2
-2.5°	777.0	694.8	645.1	591.3	536.9	477.8	422.7	362.4	301.9	220.0	127.9
-5°	761.1	680.1	631.2	581.8	528.1	471.9	418.6	359.8	299.0	223.2	130.2
-7.5°	747.3	668.0	618.5	571.0	518.1	464.9	413.2	355.9	295.2	224.7	131.9
-10°	731.1	656.9	608.5	561.2	509.6	457.8	406.8	350.7	291.0	224.5	133.0
-12.5°	711.3	644.0	596.8	550.1	500.5	450.3	399.9	344.6	286.7	222.5	133.3
-15°	687.9	629.2	583.6	538.0	490.3	441.7	392.0	337.4	281.5	217.4	132.7
-17.5°	661.9	612.7	568.9	524.8	479.1	431.8	383.3	329.1	275.7	210.1	133.1
-20°	645.3	597.4	552.8	510.8	467.0	420.8	373.8	319.6	269.3	202.5	134.4



REPORT NUMBER: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	628.8	582.8	538.7	496.0	453.9	408.7	363.6	308.9	262.4	194.9	135.1
-25°	610.6	566.3	523.7	482.0	439.5	396.0	351.5	297.2	255.0	187.3	135.3
-27.5°	591.0	548.2	507.1	466.7	424.7	382.9	337.3	287.6	246.1	180.1	134.9
-30°	569.7	528.8	489.2	450.0	408.9	369.2	322.0	277.9	235.3	176.6	134.0
-32.5°	547.3	507.8	470.1	431.8	392.7	354.3	306.2	268.0	225.8	174.9	134.0
-35°	524.4	486.3	449.7	412.7	375.6	336.4	292.2	257.9	217.6	172.5	133.8
-37.5°	500.3	464.3	428.1	392.9	357.6	318.7	279.7	246.8	210.8	169.7	132.9
-40°	475.3	441.0	406.5	372.2	338.5	301.2	265.8	235.3	206.3	166.3	131.2
-42.5°	449.2	416.5	383.5	350.7	319.7	284.3	250.7	223.3	197.0	163.1	128.8
-45°	421.8	390.7	359.0	330.5	301.0	265.7	236.8	210.9	186.6	159.6	125.3
-47.5°	393.0	362.9	335.3	309.6	278.5	246.8	222.5	198.7	175.7	155.0	120.2
-50°	361.7	335.9	312.3	284.9	254.5	230.6	207.8	186.0	165.6	146.0	114.3
-52.5°	331.6	310.7	286.1	258.5	234.5	214.0	193.3	173.1	155.2	135.4	107.6
-55°	302.1	282.1	257.4	234.5	214.5	197.0	178.3	161.4	144.6	124.1	100.4
-57.5°	269.0	250.8	230.3	211.1	194.6	179.3	164.4	149.4	132.1	112.5	95.1
-60°	235.5	220.0	203.1	188.4	174.7	162.2	151.2	136.5	118.9	101.1	87.8
-62.5°	202.4	189.5	178.4	166.3	154.9	145.5	137.4	121.7	105.4	90.9	79.6
-65°	170.9	162.1	153.9	143.4	134.7	128.1	120.4	106.6	92.1	80.1	70.6
-67.5°	140.0	133.4	126.6	119.5	115.8	110.8	103.3	90.4	78.3	68.8	60.7
-70°	108.7	104.0	102.8	102.2	99.1	93.5	84.1	73.1	63.9	58.0	50.8
-72.5°	83.2	84.9	86.7	86.3	81.3	74.1	64.8	56.4	52.5	47.3	40.9
-75°	64.1	67.5	69.5	68.3	62.6	55.3	49.6	44.7	41.3	36.7	32.4
-77.5°	49.0	51.2	52.2	51.0	46.4	41.9	37.3	33.2	30.8	28.1	24.5
-80°	34.4	35.5	35.9	35.0	31.6	28.3	26.1	23.9	22.2	19.7	16.5
-82.5°	19.9	20.7	21.2	21.1	19.8	18.4	16.9	15.4	13.7	11.4	10.2
-85°	9.5	9.8	9.9	9.7	9.0	8.4	8.5	8.5	8.0	7.4	6.8
-87.5°	2.8	3.2	3.6	3.8	4.0	4.2	4.2	4.2	4.0	3.7	3.4
-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: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-MWR-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°	3.0	2.3	1.7	1.2	0.7	0.4	0.0
85°	6.0	4.7	3.5	2.4	1.4	0.7	0.0
82.5°	9.0	7.0	5.2	3.6	2.2	1.1	0.0
80°	12.5	9.3	6.9	4.7	2.9	1.4	0.0
77.5°	19.6	12.7	8.5	5.9	3.6	1.8	0.0
75°	26.5	18.1	10.6	7.0	4.3	2.1	0.0
72.5°	33.3	23.4	14.6	8.1	5.0	2.5	0.0
70°	40.2	28.6	18.4	9.5	5.7	2.8	0.0
67.5°	48.0	33.5	22.1	12.1	6.3	3.2	0.0
65°	55.6	38.9	25.7	14.6	7.0	3.5	0.0
62.5°	62.9	44.5	29.2	17.1	7.7	3.8	0.0
60°	69.7	49.9	32.5	19.4	8.3	4.1	0.0
57.5°	74.4	55.0	36.3	21.7	9.8	4.5	0.0
55°	78.4	59.7	39.9	23.8	11.2	4.8	0.0
52.5°	81.8	63.8	43.3	25.8	12.6	5.1	0.0
50°	84.6	65.9	46.5	27.7	13.9	5.3	0.0
47.5°	87.2	67.5	49.4	29.6	15.2	5.6	0.0
45°	91.4	68.8	52.0	31.6	16.4	5.9	0.0
42.5°	95.0	69.6	54.4	33.4	17.6	6.1	0.0
40°	97.9	70.0	55.7	35.3	18.7	6.4	0.0
37.5°	100.2	70.0	55.9	37.3	19.7	6.6	0.0
35°	101.8	70.8	55.8	39.2	20.7	6.8	0.0
32.5°	102.6	72.0	55.5	41.1	21.6	7.0	0.0
30°	102.5	72.6	54.9	42.9	22.4	7.2	0.0
27.5°	101.9	72.8	55.5	44.6	23.1	7.4	0.0
25°	100.8	72.6	56.1	46.2	23.8	7.5	0.0
22.5°	99.2	72.8	56.7	47.8	24.4	7.7	0.0
20°	97.1	74.6	57.1	49.3	25.0	7.8	0.0
17.5°	97.2	76.3	57.5	50.7	25.5	7.9	0.0
15°	98.7	77.8	57.8	51.9	25.9	8.0	0.0
12.5°	99.9	79.0	58.0	53.1	26.2	8.1	0.0
10°	100.8	80.0	58.2	54.1	26.4	8.2	0.0
7.5°	101.4	80.8	58.3	55.0	26.6	8.2	0.0
5°	101.8	81.3	58.4	55.7	26.7	8.3	0.0
2.5°	101.9	81.7	58.4	56.3	26.7	8.3	0.0
0°	101.8	81.8	58.4	56.7	26.7	8.3	0.0
-2.5°	101.9	81.7	58.4	56.3	26.7	8.3	0.0
-5°	101.8	81.3	58.4	55.7	26.7	8.3	0.0
-7.5°	101.4	80.8	58.3	55.0	26.6	8.2	0.0
-10°	100.8	80.0	58.2	54.1	26.4	8.2	0.0
-12.5°	99.9	79.0	58.0	53.1	26.2	8.1	0.0
-15°	98.7	77.8	57.8	51.9	25.9	8.0	0.0
-17.5°	97.2	76.3	57.5	50.7	25.5	7.9	0.0
-20°	97.1	74.6	57.1	49.3	25.0	7.8	0.0



REPORT NUMBER: P558925 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	99.2	72.8	56.7	47.8	24.4	7.7	0.0
-25°	100.8	72.6	56.1	46.2	23.8	7.5	0.0
-27.5°	101.9	72.8	55.5	44.6	23.1	7.4	0.0
-30°	102.5	72.6	54.9	42.9	22.4	7.2	0.0
-32.5°	102.6	72.0	55.5	41.1	21.6	7.0	0.0
-35°	101.8	70.8	55.8	39.2	20.7	6.8	0.0
-37.5°	100.2	70.0	55.9	37.3	19.7	6.6	0.0
-40°	97.9	70.0	55.7	35.3	18.7	6.4	0.0
-42.5°	95.0	69.6	54.4	33.4	17.6	6.1	0.0
-45°	91.4	68.8	52.0	31.6	16.4	5.9	0.0
-47.5°	87.2	67.5	49.4	29.6	15.2	5.6	0.0
-50°	84.6	65.9	46.5	27.7	13.9	5.3	0.0
-52.5°	81.8	63.8	43.3	25.8	12.6	5.1	0.0
-55°	78.4	59.7	39.9	23.8	11.2	4.8	0.0
-57.5°	74.4	55.0	36.3	21.7	9.8	4.5	0.0
-60°	69.7	49.9	32.5	19.4	8.3	4.1	0.0
-62.5°	62.9	44.5	29.2	17.1	7.7	3.8	0.0
-65°	55.6	38.9	25.7	14.6	7.0	3.5	0.0
-67.5°	48.0	33.5	22.1	12.1	6.3	3.2	0.0
-70°	40.2	28.6	18.4	9.5	5.7	2.8	0.0
-72.5°	33.3	23.4	14.6	8.1	5.0	2.5	0.0
-75°	26.5	18.1	10.6	7.0	4.3	2.1	0.0
-77.5°	19.6	12.7	8.5	5.9	3.6	1.8	0.0
-80°	12.5	9.3	6.9	4.7	2.9	1.4	0.0
-82.5°	9.0	7.0	5.2	3.6	2.2	1.1	0.0
-85°	6.0	4.7	3.5	2.4	1.4	0.7	0.0
-87.5°	3.0	2.3	1.7	1.2	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)