

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: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
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-TSB-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

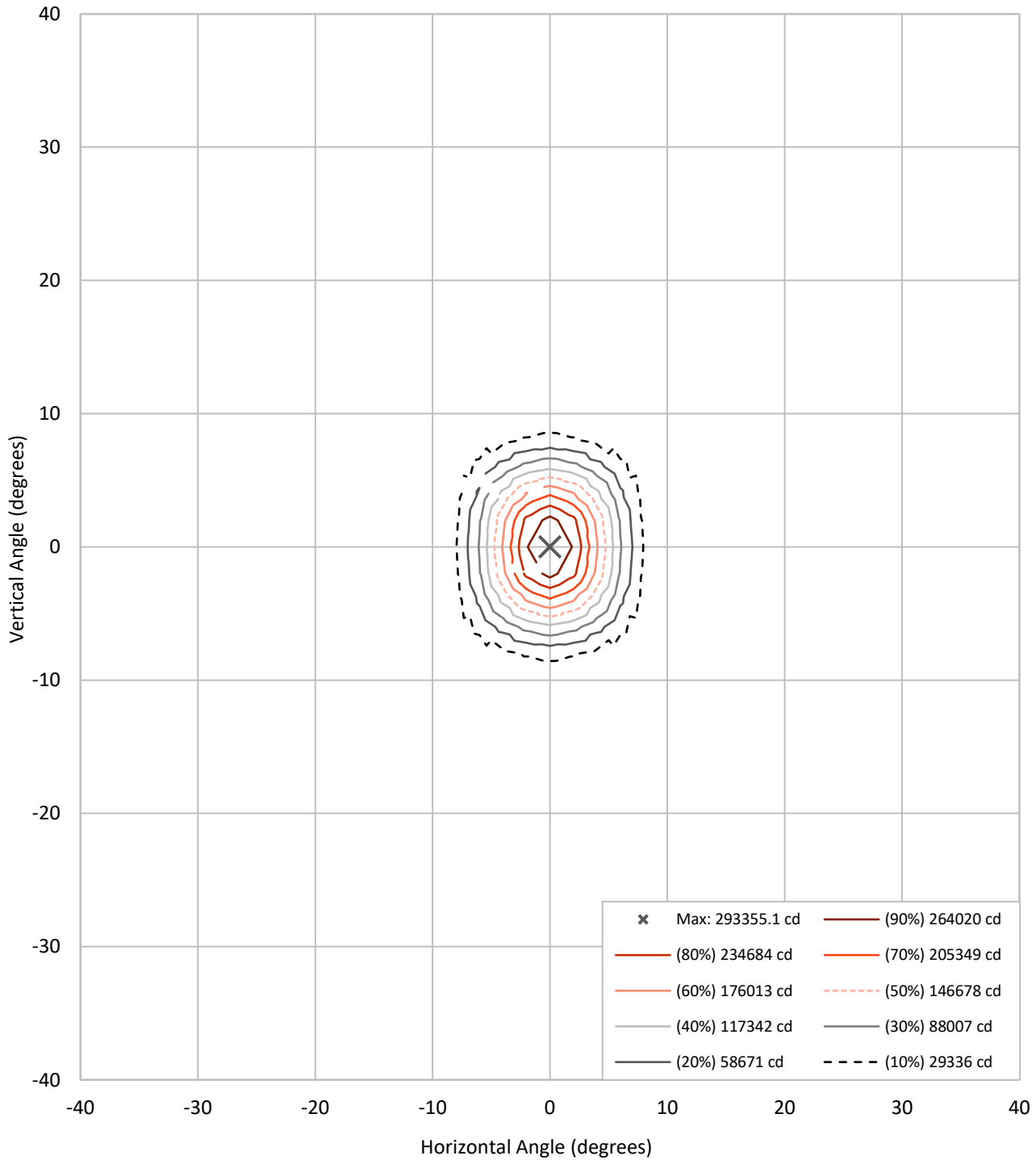
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	11423.9 lumens	Max Intensity:	293355.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	69.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	4896.5 lumens	Field Lumens:	8439 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

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: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-935-U-TSB-XX

Iso-Candela Plot





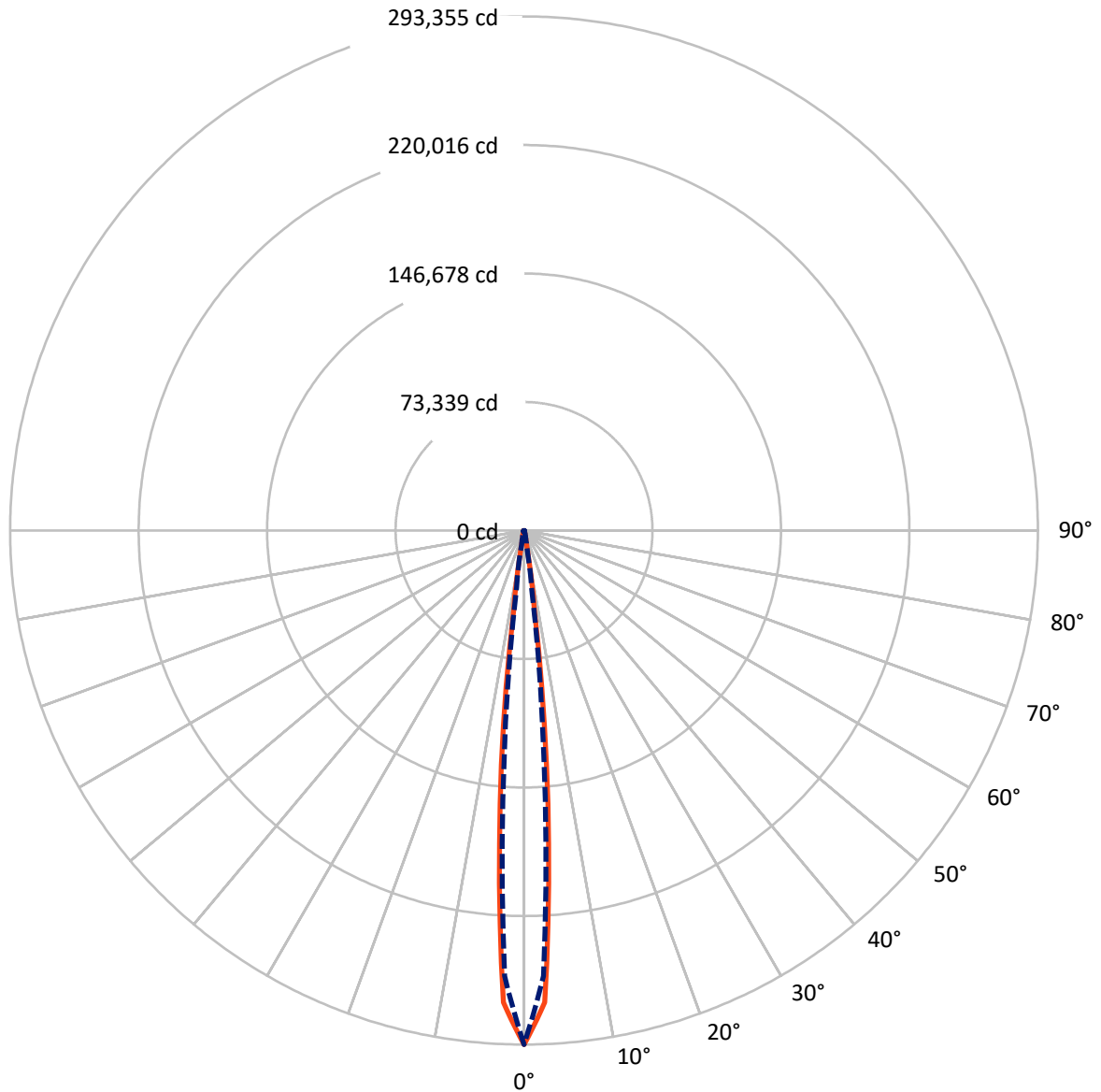
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Lumen Table

90	0.0	0.3	1.2	2.8	4.7	2.8	1.2	0.3	0.0										
80	0.0	0.3	1.2	2.8	4.7	2.8	1.2	0.3	0.0										
70	0.2	0.2	0.6	1.3	1.9	2.5	4.0	7.1	7.1	4.0	2.5	1.9	1.3	0.6	0.2	0.2			
60		0.5	1.1	2.3	3.7	5.1	6.8	9.2	9.2	6.8	5.1	3.7	2.3	1.1	0.5				
50	0.6	0.8	1.8	3.7	6.4	9.7	12.4	14.8	14.8	12.4	9.7	6.4	3.7	1.8	0.8	0.6			
40		1.3	2.6	5.6	10.0	13.5	15.3	16.2	16.2	15.3	13.5	10.0	5.6	2.6	1.3				
30	1.1	1.8	3.5	7.9	12.3	14.7	20.0	26.4	26.4	20.0	14.7	12.3	7.9	3.5	1.8	1.1			
20		2.5	4.9	10.0	13.6	19.4	39.3	78.5	78.5	39.3	19.4	13.6	10.0	4.9	2.5				
10	1.3	2.8	5.8	11.1	14.2	24.8	77.6	2295.2	2295.2	77.6	24.8	14.2	11.1	5.8	2.8	1.3			
0		2.8	5.8	11.1	14.2	24.8	77.6	2295.2	2295.2	77.6	24.8	14.2	11.1	5.8	2.8				
-10	1.1	2.5	4.9	10.0	13.6	19.4	39.3	78.5	78.5	39.3	19.4	13.6	10.0	4.9	2.5	1.1			
-20		1.8	3.5	7.9	12.3	14.7	20.0	26.4	26.4	20.0	14.7	12.3	7.9	3.5	1.8				
-30	0.6	1.3	2.6	5.6	10.0	13.5	15.3	16.2	16.2	15.3	13.5	10.0	5.6	2.6	1.3	0.6			
-40		0.8	1.8	3.7	6.4	9.7	12.4	14.8	14.8	12.4	9.7	6.4	3.7	1.8	0.8				
-50	0.2	0.5	1.1	2.3	3.7	5.1	6.8	9.2	9.2	6.8	5.1	3.7	2.3	1.1	0.5	0.2			
-60		0.2	0.6	1.3	1.9	2.5	4.0	7.1	7.1	4.0	2.5	1.9	1.3	0.6	0.2				
-70	0.0	0.3	1.2	2.8	4.7	2.8	1.2	0.3	0.0										
-80		0.0	0.3	1.2	2.8	4.7	2.8	1.2	0.3	0.0									
-90	0.0	0.3	1.2	2.8	4.7	2.8	1.2	0.3	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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

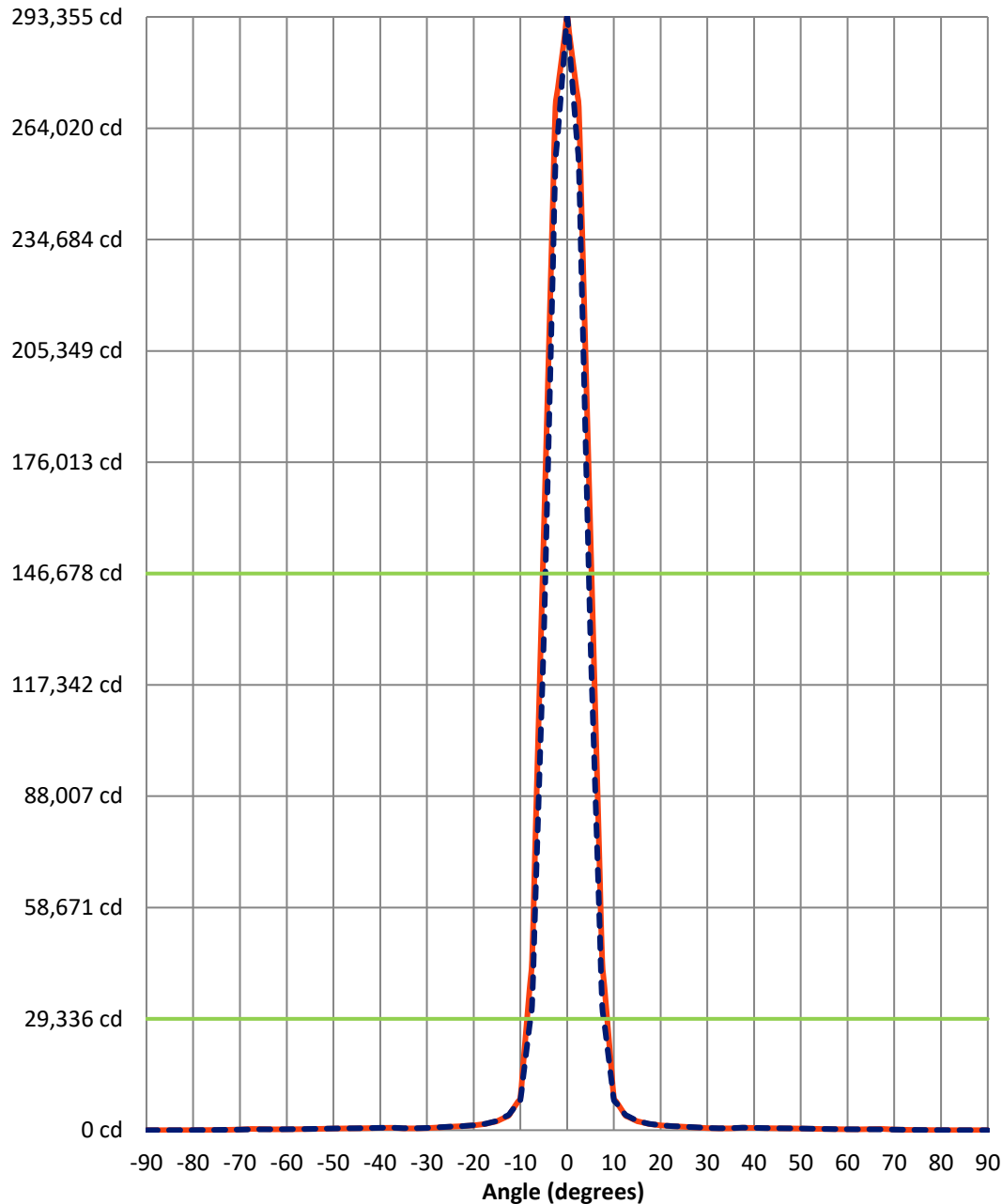
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 4896.5
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 8439
Efficiency: 73.9%

Spill:
Lumens: 2984.9
Efficiency: 26.1%

— 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	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.3	3.3	3.3
80°	0.0	0.6	1.1	1.7	2.3	2.8	3.3	3.3	3.3	3.3	3.3
77.5°	0.0	0.7	1.4	2.1	2.8	3.3	3.3	3.3	3.3	3.3	3.6
75°	0.0	0.9	1.7	2.6	3.3	3.3	3.3	3.3	3.4	4.4	5.1
72.5°	0.0	1.0	2.0	3.0	3.3	3.3	3.3	3.7	4.9	5.8	6.6
70°	0.0	1.1	2.3	3.3	3.3	3.3	3.5	5.0	6.3	7.4	9.2
67.5°	0.0	1.3	2.5	3.3	3.3	3.3	4.7	6.4	7.8	10.1	12.0
65°	0.0	1.4	2.8	3.3	3.3	3.9	6.0	7.8	10.3	12.8	15.3
62.5°	0.0	1.5	3.0	3.3	3.3	5.0	7.2	9.8	12.9	15.8	19.7
60°	0.0	1.6	3.3	3.3	3.3	6.1	8.5	12.1	15.4	20.0	24.1
57.5°	0.0	1.8	3.3	3.3	4.2	7.2	10.6	14.4	19.0	24.2	29.1
55°	0.0	1.9	3.3	3.3	5.1	8.2	12.9	16.9	22.9	28.6	34.5
52.5°	0.0	2.0	3.4	3.3	5.9	9.5	15.3	20.6	26.8	33.8	40.0
50°	0.0	2.1	3.4	3.3	6.8	11.6	17.7	24.6	30.9	39.0	46.7
47.5°	0.0	2.2	3.5	3.5	7.7	13.7	20.4	28.8	35.7	44.3	53.8
45°	0.0	2.3	3.5	4.1	8.5	15.8	24.1	33.1	41.4	50.9	61.0
42.5°	0.0	2.4	3.6	4.7	9.3	17.9	27.9	38.0	47.4	57.7	69.7
40°	0.0	2.5	3.6	5.3	10.6	20.1	31.7	43.3	54.0	64.8	78.8
37.5°	0.0	2.6	3.7	5.9	12.2	22.2	35.6	48.8	61.5	73.8	88.2
35°	0.0	2.7	3.8	6.4	13.8	24.9	39.5	54.4	69.0	84.1	97.3
32.5°	0.0	2.8	3.8	6.8	15.4	28.0	43.6	60.1	76.6	94.8	108.8
30°	0.0	2.9	3.9	7.2	16.9	31.0	48.1	65.9	84.3	105.9	121.7
27.5°	0.0	2.9	4.0	7.6	17.9	33.9	52.7	72.3	92.6	117.3	135.9
25°	0.0	3.0	4.1	7.8	18.6	36.8	57.1	78.5	102.0	129.2	151.3
22.5°	0.0	3.0	4.2	8.1	19.2	39.1	61.5	84.6	111.3	141.7	164.3
20°	0.0	3.1	4.3	8.3	19.7	39.9	65.7	90.6	120.6	154.7	177.1
17.5°	0.0	3.1	4.4	8.4	20.0	40.4	67.9	96.4	129.8	168.1	189.7
15°	0.0	3.2	4.5	8.5	20.1	40.6	68.7	100.5	138.7	181.6	202.1
12.5°	0.0	3.2	4.6	8.5	20.1	40.6	69.2	102.7	144.5	195.2	214.1
10°	0.0	3.2	4.7	8.6	20.0	40.3	69.4	104.6	147.4	200.4	222.7
7.5°	0.0	3.3	4.8	8.5	19.7	39.7	69.3	106.2	149.6	203.5	224.2
5°	0.0	3.3	4.8	8.5	19.4	38.9	68.8	107.4	151.1	205.6	225.5
2.5°	0.0	3.3	4.9	8.4	18.9	37.9	68.0	108.2	151.8	206.8	226.4
0°	0.0	3.3	5.0	8.3	18.4	36.7	66.8	108.5	151.9	206.9	227.0
-2.5°	0.0	3.3	4.9	8.4	18.9	37.9	68.0	108.2	151.8	206.8	226.4
-5°	0.0	3.3	4.8	8.5	19.4	38.9	68.8	107.4	151.1	205.6	225.5
-7.5°	0.0	3.3	4.8	8.5	19.7	39.7	69.3	106.2	149.6	203.5	224.2
-10°	0.0	3.2	4.7	8.6	20.0	40.3	69.4	104.6	147.4	200.4	222.7
-12.5°	0.0	3.2	4.6	8.5	20.1	40.6	69.2	102.7	144.5	195.2	214.1
-15°	0.0	3.2	4.5	8.5	20.1	40.6	68.7	100.5	138.7	181.6	202.1
-17.5°	0.0	3.1	4.4	8.4	20.0	40.4	67.9	96.4	129.8	168.1	189.7
-20°	0.0	3.1	4.3	8.3	19.7	39.9	65.7	90.6	120.6	154.7	177.1



REPORT NUMBER: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.0	4.2	8.1	19.2	39.1	61.5	84.6	111.3	141.7	164.3
-25°	0.0	3.0	4.1	7.8	18.6	36.8	57.1	78.5	102.0	129.2	151.3
-27.5°	0.0	2.9	4.0	7.6	17.9	33.9	52.7	72.3	92.6	117.3	135.9
-30°	0.0	2.9	3.9	7.2	16.9	31.0	48.1	65.9	84.3	105.9	121.7
-32.5°	0.0	2.8	3.8	6.8	15.4	28.0	43.6	60.1	76.6	94.8	108.8
-35°	0.0	2.7	3.8	6.4	13.8	24.9	39.5	54.4	69.0	84.1	97.3
-37.5°	0.0	2.6	3.7	5.9	12.2	22.2	35.6	48.8	61.5	73.8	88.2
-40°	0.0	2.5	3.6	5.3	10.6	20.1	31.7	43.3	54.0	64.8	78.8
-42.5°	0.0	2.4	3.6	4.7	9.3	17.9	27.9	38.0	47.4	57.7	69.7
-45°	0.0	2.3	3.5	4.1	8.5	15.8	24.1	33.1	41.4	50.9	61.0
-47.5°	0.0	2.2	3.5	3.5	7.7	13.7	20.4	28.8	35.7	44.3	53.8
-50°	0.0	2.1	3.4	3.3	6.8	11.6	17.7	24.6	30.9	39.0	46.7
-52.5°	0.0	2.0	3.4	3.3	5.9	9.5	15.3	20.6	26.8	33.8	40.0
-55°	0.0	1.9	3.3	3.3	5.1	8.2	12.9	16.9	22.9	28.6	34.5
-57.5°	0.0	1.8	3.3	3.3	4.2	7.2	10.6	14.4	19.0	24.2	29.1
-60°	0.0	1.6	3.3	3.3	3.3	6.1	8.5	12.1	15.4	20.0	24.1
-62.5°	0.0	1.5	3.0	3.3	3.3	5.0	7.2	9.8	12.9	15.8	19.7
-65°	0.0	1.4	2.8	3.3	3.3	3.9	6.0	7.8	10.3	12.8	15.3
-67.5°	0.0	1.3	2.5	3.3	3.3	3.3	4.7	6.4	7.8	10.1	12.0
-70°	0.0	1.1	2.3	3.3	3.3	3.3	3.5	5.0	6.3	7.4	9.2
-72.5°	0.0	1.0	2.0	3.0	3.3	3.3	3.3	3.7	4.9	5.8	6.6
-75°	0.0	0.9	1.7	2.6	3.3	3.3	3.3	3.3	3.4	4.4	5.1
-77.5°	0.0	0.7	1.4	2.1	2.8	3.3	3.3	3.3	3.3	3.3	3.6
-80°	0.0	0.6	1.1	1.7	2.3	2.8	3.3	3.3	3.3	3.3	3.3
-82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.3	3.3	3.3
-85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
-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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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°	1.3	1.3	1.1	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3
85°	2.7	2.5	2.2	1.9	2.0	2.2	2.3	2.4	2.5	2.6	2.6
82.5°	3.1	2.9	2.8	2.9	3.0	3.2	3.4	3.7	4.0	4.3	4.6
80°	3.2	3.3	3.8	4.3	4.8	5.2	5.7	6.1	6.5	7.1	8.0
77.5°	4.3	4.9	5.6	6.2	6.9	8.2	9.3	10.3	11.4	12.7	14.1
75°	5.8	6.6	8.2	10.1	11.7	13.1	14.3	16.1	18.3	20.7	23.1
72.5°	8.0	10.1	12.2	14.6	17.4	19.8	22.0	24.2	27.8	31.7	34.7
70°	11.1	13.5	16.9	20.7	24.3	27.4	32.0	37.4	42.9	45.7	47.4
67.5°	14.2	18.2	22.4	26.9	32.0	37.2	43.4	49.3	54.9	57.2	59.3
65°	18.5	23.0	28.2	33.7	39.5	45.8	52.2	58.7	64.6	67.6	71.0
62.5°	22.8	28.2	34.1	40.4	46.8	53.5	61.3	67.9	72.9	79.0	86.0
60°	27.9	33.3	40.1	47.1	54.4	63.8	71.6	79.0	85.8	92.6	103.2
57.5°	33.4	38.6	46.2	54.4	64.4	75.2	84.1	92.0	101.4	111.2	121.9
55°	39.4	44.1	52.6	62.7	74.3	87.0	97.5	108.4	119.2	127.9	137.4
52.5°	46.2	50.5	59.4	71.1	84.5	98.9	112.8	124.1	134.1	143.7	154.5
50°	53.4	58.8	66.1	80.0	95.0	111.3	127.1	138.4	149.8	161.1	173.2
47.5°	61.7	67.8	73.8	88.9	105.9	122.6	138.9	153.4	166.0	181.1	195.0
45°	70.8	77.9	84.4	98.5	115.9	132.8	151.0	168.5	186.2	203.9	226.1
42.5°	80.4	88.2	96.5	107.4	124.8	143.5	163.0	186.3	208.7	233.4	262.3
40°	89.7	98.3	108.3	118.1	133.5	154.4	178.1	204.3	235.9	267.9	302.8
37.5°	98.8	108.8	119.5	129.6	143.3	166.8	192.9	226.3	264.4	304.8	349.3
35°	107.7	118.8	129.7	141.7	157.0	179.8	212.1	249.9	295.7	346.7	387.3
32.5°	116.5	128.4	139.4	153.9	172.7	196.1	230.5	278.1	330.9	382.6	409.8
30°	127.5	137.0	149.1	165.4	188.2	217.9	255.2	306.6	366.6	401.9	427.2
27.5°	142.1	145.5	159.2	178.3	204.0	239.3	285.8	339.1	388.7	419.7	442.4
25°	156.6	160.0	168.7	191.3	223.0	264.7	316.8	377.6	407.1	433.3	459.6
22.5°	170.3	174.0	184.9	203.6	241.3	290.5	351.1	404.3	432.4	449.1	477.5
20°	183.2	188.9	202.3	224.1	260.2	315.0	384.3	429.0	455.8	475.8	502.0
17.5°	195.7	203.6	220.1	246.4	286.7	342.4	414.6	453.7	479.8	499.2	531.6
15°	207.7	217.9	237.0	267.3	311.5	371.8	434.7	473.9	502.0	521.1	558.9
12.5°	219.4	231.8	253.3	286.7	333.7	397.5	451.8	486.9	515.0	544.1	583.2
10°	230.7	245.2	268.8	304.7	353.7	419.6	466.1	497.4	525.4	562.5	603.3
7.5°	232.5	252.0	281.5	321.3	371.3	438.3	477.9	505.6	536.0	579.4	621.5
5°	232.5	251.5	282.4	325.6	379.7	449.3	486.2	511.8	546.2	594.4	637.7
2.5°	232.3	250.4	282.6	327.0	381.9	450.4	487.4	513.4	552.0	609.1	652.7
0°	232.0	248.7	282.0	327.1	382.2	448.9	487.3	514.0	555.7	622.5	665.9
-2.5°	232.3	250.4	282.6	327.0	381.9	450.4	487.4	513.4	552.0	609.1	652.7
-5°	232.5	251.5	282.4	325.6	379.7	449.3	486.2	511.8	546.2	594.4	637.7
-7.5°	232.5	252.0	281.5	321.3	371.3	438.3	477.9	505.6	536.0	579.4	621.5
-10°	230.7	245.2	268.8	304.7	353.7	419.6	466.1	497.4	525.4	562.5	603.3
-12.5°	219.4	231.8	253.3	286.7	333.7	397.5	451.8	486.9	515.0	544.1	583.2
-15°	207.7	217.9	237.0	267.3	311.5	371.8	434.7	473.9	502.0	521.1	558.9
-17.5°	195.7	203.6	220.1	246.4	286.7	342.4	414.6	453.7	479.8	499.2	531.6
-20°	183.2	188.9	202.3	224.1	260.2	315.0	384.3	429.0	455.8	475.8	502.0



REPORT NUMBER: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	170.3	174.0	184.9	203.6	241.3	290.5	351.1	404.3	432.4	449.1	477.5
-25°	156.6	160.0	168.7	191.3	223.0	264.7	316.8	377.6	407.1	433.3	459.6
-27.5°	142.1	145.5	159.2	178.3	204.0	239.3	285.8	339.1	388.7	419.7	442.4
-30°	127.5	137.0	149.1	165.4	188.2	217.9	255.2	306.6	366.6	401.9	427.2
-32.5°	116.5	128.4	139.4	153.9	172.7	196.1	230.5	278.1	330.9	382.6	409.8
-35°	107.7	118.8	129.7	141.7	157.0	179.8	212.1	249.9	295.7	346.7	387.3
-37.5°	98.8	108.8	119.5	129.6	143.3	166.8	192.9	226.3	264.4	304.8	349.3
-40°	89.7	98.3	108.3	118.1	133.5	154.4	178.1	204.3	235.9	267.9	302.8
-42.5°	80.4	88.2	96.5	107.4	124.8	143.5	163.0	186.3	208.7	233.4	262.3
-45°	70.8	77.9	84.4	98.5	115.9	132.8	151.0	168.5	186.2	203.9	226.1
-47.5°	61.7	67.8	73.8	88.9	105.9	122.6	138.9	153.4	166.0	181.1	195.0
-50°	53.4	58.8	66.1	80.0	95.0	111.3	127.1	138.4	149.8	161.1	173.2
-52.5°	46.2	50.5	59.4	71.1	84.5	98.9	112.8	124.1	134.1	143.7	154.5
-55°	39.4	44.1	52.6	62.7	74.3	87.0	97.5	108.4	119.2	127.9	137.4
-57.5°	33.4	38.6	46.2	54.4	64.4	75.2	84.1	92.0	101.4	111.2	121.9
-60°	27.9	33.3	40.1	47.1	54.4	63.8	71.6	79.0	85.8	92.6	103.2
-62.5°	22.8	28.2	34.1	40.4	46.8	53.5	61.3	67.9	72.9	79.0	86.0
-65°	18.5	23.0	28.2	33.7	39.5	45.8	52.2	58.7	64.6	67.6	71.0
-67.5°	14.2	18.2	22.4	26.9	32.0	37.2	43.4	49.3	54.9	57.2	59.3
-70°	11.1	13.5	16.9	20.7	24.3	27.4	32.0	37.4	42.9	45.7	47.4
-72.5°	8.0	10.1	12.2	14.6	17.4	19.8	22.0	24.2	27.8	31.7	34.7
-75°	5.8	6.6	8.2	10.1	11.7	13.1	14.3	16.1	18.3	20.7	23.1
-77.5°	4.3	4.9	5.6	6.2	6.9	8.2	9.3	10.3	11.4	12.7	14.1
-80°	3.2	3.3	3.8	4.3	4.8	5.2	5.7	6.1	6.5	7.1	8.0
-82.5°	3.1	2.9	2.8	2.9	3.0	3.2	3.4	3.7	4.0	4.3	4.6
-85°	2.7	2.5	2.2	1.9	2.0	2.2	2.3	2.4	2.5	2.6	2.6
-87.5°	1.3	1.3	1.1	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3
-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: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TSB-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°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
85°	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.2	3.3
82.5°	4.8	5.1	5.3	5.5	5.7	5.9	6.1	6.2	6.4	6.5	6.5
80°	8.9	9.6	10.2	10.6	10.9	12.1	13.6	15.1	16.7	17.3	17.7
77.5°	15.9	17.1	17.8	18.4	18.8	21.4	24.7	28.2	31.8	33.7	35.2
75°	25.3	26.7	27.6	28.3	28.7	32.6	38.5	44.7	51.2	54.5	56.9
72.5°	36.7	37.8	38.7	39.5	40.0	45.9	56.5	68.2	80.5	88.1	93.6
70°	48.8	50.2	51.2	52.1	52.8	59.9	75.4	91.6	108.3	125.1	142.9
67.5°	61.7	64.5	65.9	66.8	67.6	73.7	90.2	105.4	119.5	149.9	197.6
65°	75.8	82.2	84.9	86.4	87.0	89.7	103.9	116.6	128.0	151.7	188.1
62.5°	93.8	102.3	106.1	107.9	108.9	109.0	120.6	131.3	141.1	155.8	179.0
60°	113.1	122.2	127.0	128.4	129.2	129.6	138.7	149.3	159.1	171.2	192.8
57.5°	130.8	139.4	146.5	149.3	151.5	153.1	161.2	173.6	185.2	197.2	220.4
55°	147.7	158.1	168.0	173.4	178.5	183.0	191.0	206.7	221.6	235.7	259.8
52.5°	166.1	179.4	192.6	202.5	212.2	220.7	229.3	249.6	269.5	288.2	311.7
50°	188.1	204.6	223.8	240.0	253.9	267.6	279.8	303.8	330.8	356.5	381.1
47.5°	216.0	237.7	262.3	285.3	304.2	325.4	344.7	369.4	393.2	417.0	437.4
45°	250.2	280.3	308.6	339.2	366.2	380.2	391.4	406.8	431.2	454.6	473.7
42.5°	294.1	329.0	363.9	386.7	404.0	415.4	423.5	431.6	457.3	479.9	498.3
40°	342.7	377.9	399.3	418.0	430.0	440.2	452.9	465.5	485.6	508.8	529.3
37.5°	384.9	407.5	426.4	441.0	455.6	469.1	487.4	505.4	524.6	550.6	569.7
35°	410.9	430.7	449.9	468.3	486.9	507.6	530.5	557.1	580.6	559.2	528.3
32.5°	430.8	451.1	474.3	502.7	528.2	556.5	585.2	539.1	491.9	473.4	477.2
30°	448.1	471.7	503.6	540.7	576.1	563.4	500.4	478.4	484.9	497.8	522.8
27.5°	466.6	496.0	534.9	580.4	552.4	482.7	486.4	499.2	542.4	579.0	634.7
25°	488.5	524.0	572.2	551.1	487.2	493.8	526.2	575.0	657.3	734.1	801.2
22.5°	514.8	560.1	566.4	487.3	496.0	538.2	603.8	709.6	809.6	902.4	971.6
20°	541.6	593.8	513.5	496.8	534.0	609.5	731.3	852.6	964.3	1047.3	1116.6
17.5°	573.7	555.2	498.5	516.3	591.4	721.8	859.0	987.6	1092.9	1236.4	1358.5
15°	601.8	518.1	507.6	566.4	679.4	826.1	975.2	1090.7	1280.9	1486.5	1694.5
12.5°	585.7	505.0	524.0	611.0	759.5	918.2	1049.9	1232.8	1484.4	1784.8	2236.1
10°	561.8	512.4	558.8	672.6	828.1	982.7	1119.6	1359.2	1691.3	2243.0	2953.6
7.5°	543.4	515.6	581.8	720.0	879.1	1021.6	1204.1	1494.7	1957.7	2714.5	4227.6
5°	529.4	515.5	592.3	747.4	909.4	1048.5	1256.3	1593.3	2218.7	3296.9	5882.4
2.5°	523.2	512.7	595.2	762.1	924.2	1063.5	1288.7	1664.2	2383.4	3838.0	7735.1
0°	527.4	507.3	594.1	767.7	932.9	1061.4	1293.3	1685.5	2433.2	4037.8	7983.7
-2.5°	523.2	512.7	595.2	762.1	924.2	1063.5	1288.7	1664.2	2383.4	3838.0	7735.1
-5°	529.4	515.5	592.3	747.4	909.4	1048.5	1256.3	1593.3	2218.7	3296.9	5882.4
-7.5°	543.4	515.6	581.8	720.0	879.1	1021.6	1204.1	1494.7	1957.7	2714.5	4227.6
-10°	561.8	512.4	558.8	672.6	828.1	982.7	1119.6	1359.2	1691.3	2243.0	2953.6
-12.5°	585.7	505.0	524.0	611.0	759.5	918.2	1049.9	1232.8	1484.4	1784.8	2236.1
-15°	601.8	518.1	507.6	566.4	679.4	826.1	975.2	1090.7	1280.9	1486.5	1694.5
-17.5°	573.7	555.2	498.5	516.3	591.4	721.8	859.0	987.6	1092.9	1236.4	1358.5
-20°	541.6	593.8	513.5	496.8	534.0	609.5	731.3	852.6	964.3	1047.3	1116.6



REPORT NUMBER: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	514.8	560.1	566.4	487.3	496.0	538.2	603.8	709.6	809.6	902.4	971.6
-25°	488.5	524.0	572.2	551.1	487.2	493.8	526.2	575.0	657.3	734.1	801.2
-27.5°	466.6	496.0	534.9	580.4	552.4	482.7	486.4	499.2	542.4	579.0	634.7
-30°	448.1	471.7	503.6	540.7	576.1	563.4	500.4	478.4	484.9	497.8	522.8
-32.5°	430.8	451.1	474.3	502.7	528.2	556.5	585.2	539.1	491.9	473.4	477.2
-35°	410.9	430.7	449.9	468.3	486.9	507.6	530.5	557.1	580.6	559.2	528.3
-37.5°	384.9	407.5	426.4	441.0	455.6	469.1	487.4	505.4	524.6	550.6	569.7
-40°	342.7	377.9	399.3	418.0	430.0	440.2	452.9	465.5	485.6	508.8	529.3
-42.5°	294.1	329.0	363.9	386.7	404.0	415.4	423.5	431.6	457.3	479.9	498.3
-45°	250.2	280.3	308.6	339.2	366.2	380.2	391.4	406.8	431.2	454.6	473.7
-47.5°	216.0	237.7	262.3	285.3	304.2	325.4	344.7	369.4	393.2	417.0	437.4
-50°	188.1	204.6	223.8	240.0	253.9	267.6	279.8	303.8	330.8	356.5	381.1
-52.5°	166.1	179.4	192.6	202.5	212.2	220.7	229.3	249.6	269.5	288.2	311.7
-55°	147.7	158.1	168.0	173.4	178.5	183.0	191.0	206.7	221.6	235.7	259.8
-57.5°	130.8	139.4	146.5	149.3	151.5	153.1	161.2	173.6	185.2	197.2	220.4
-60°	113.1	122.2	127.0	128.4	129.2	129.6	138.7	149.3	159.1	171.2	192.8
-62.5°	93.8	102.3	106.1	107.9	108.9	109.0	120.6	131.3	141.1	155.8	179.0
-65°	75.8	82.2	84.9	86.4	87.0	89.7	103.9	116.6	128.0	151.7	188.1
-67.5°	61.7	64.5	65.9	66.8	67.6	73.7	90.2	105.4	119.5	149.9	197.6
-70°	48.8	50.2	51.2	52.1	52.8	59.9	75.4	91.6	108.3	125.1	142.9
-72.5°	36.7	37.8	38.7	39.5	40.0	45.9	56.5	68.2	80.5	88.1	93.6
-75°	25.3	26.7	27.6	28.3	28.7	32.6	38.5	44.7	51.2	54.5	56.9
-77.5°	15.9	17.1	17.8	18.4	18.8	21.4	24.7	28.2	31.8	33.7	35.2
-80°	8.9	9.6	10.2	10.6	10.9	12.1	13.6	15.1	16.7	17.3	17.7
-82.5°	4.8	5.1	5.3	5.5	5.7	5.9	6.1	6.2	6.4	6.5	6.5
-85°	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.2	3.3
-87.5°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
-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: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TSB-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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
85°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2
82.5°	6.6	6.7	6.7	6.7	6.7	6.7	6.6	6.5	6.5	6.4	6.2
80°	18.0	18.2	17.5	16.7	17.5	18.2	18.0	17.7	17.3	16.7	15.1
77.5°	36.7	38.0	36.6	35.0	36.6	38.0	36.7	35.2	33.7	31.8	28.2
75°	59.1	61.1	60.0	58.4	60.0	61.1	59.1	56.9	54.5	51.2	44.7
72.5°	98.8	103.6	102.4	100.1	102.4	103.6	98.8	93.6	88.1	80.5	68.2
70°	161.7	180.7	179.9	175.2	179.9	180.7	161.7	142.9	125.1	108.3	91.6
67.5°	249.3	303.2	320.3	328.8	320.3	303.2	249.3	197.6	149.9	119.5	105.4
65°	222.1	254.6	267.5	277.0	267.5	254.6	222.1	188.1	151.7	128.0	116.6
62.5°	199.8	219.1	223.2	223.6	223.2	219.1	199.8	179.0	155.8	141.1	131.3
60°	213.8	234.2	237.3	233.6	237.3	234.2	213.8	192.8	171.2	159.1	149.3
57.5°	242.8	264.2	268.2	263.7	268.2	264.2	242.8	220.4	197.2	185.2	173.6
55°	282.9	304.5	311.7	310.4	311.7	304.5	282.9	259.8	235.7	221.6	206.7
52.5°	334.1	354.1	362.3	362.1	362.3	354.1	334.1	311.7	288.2	269.5	249.6
50°	402.6	420.5	429.4	430.6	429.4	420.5	402.6	381.1	356.5	330.8	303.8
47.5°	452.0	463.7	469.8	470.6	469.8	463.7	452.0	437.4	417.0	393.2	369.4
45°	482.2	488.5	493.3	497.3	493.3	488.5	482.2	473.7	454.6	431.2	406.8
42.5°	510.6	523.8	533.5	535.7	533.5	523.8	510.6	498.3	479.9	457.3	431.6
40°	548.7	566.9	584.3	602.5	584.3	566.9	548.7	529.3	508.8	485.6	465.5
37.5°	589.5	609.6	626.4	635.8	626.4	609.6	589.5	569.7	550.6	524.6	505.4
35°	506.5	493.3	485.4	482.3	485.4	493.3	506.5	528.3	559.2	580.6	557.1
32.5°	479.4	480.4	478.8	475.6	478.8	480.4	479.4	477.2	473.4	491.9	539.1
30°	541.3	550.1	551.3	550.7	551.3	550.1	541.3	522.8	497.8	484.9	478.4
27.5°	675.8	698.4	705.3	719.3	705.3	698.4	675.8	634.7	579.0	542.4	499.2
25°	853.1	887.2	903.5	909.5	903.5	887.2	853.1	801.2	734.1	657.3	575.0
22.5°	1010.8	1036.7	1051.9	1064.7	1051.9	1036.7	1010.8	971.6	902.4	809.6	709.6
20°	1197.5	1244.9	1266.7	1268.3	1266.7	1244.9	1197.5	1116.6	1047.3	964.3	852.6
17.5°	1489.1	1581.4	1627.5	1640.5	1627.5	1581.4	1489.1	1358.5	1236.4	1092.9	987.6
15°	1949.1	2184.6	2305.8	2363.1	2305.8	2184.6	1949.1	1694.5	1486.5	1280.9	1090.7
12.5°	2699.5	3230.6	3660.0	3821.7	3660.0	3230.6	2699.5	2236.1	1784.8	1484.4	1232.8
10°	4186.3	5772.2	7625.0	8489.4	7625.0	5772.2	4186.3	2953.6	2243.0	1691.3	1359.2
7.5°	8098.7	18803.8	36444.8	44860.1	36444.8	18803.8	8098.7	4227.6	2714.5	1957.7	1494.7
5°	17262.7	74500.3	133420.7	156713.9	133420.7	74500.3	17262.7	5882.4	3296.9	2218.7	1593.3
2.5°	27495.7	122190.1	230553.2	269584.2	230553.2	122190.1	27495.7	7735.1	3838.0	2383.4	1664.2
0°	32851.9	128765.9	254410.2	293355.1	254410.2	128765.9	32851.9	7983.7	4037.8	2433.2	1685.5
-2.5°	27495.7	122190.1	230553.2	269584.1	230553.2	122190.1	27495.7	7735.1	3838.0	2383.4	1664.2
-5°	17262.7	74500.3	133420.7	156713.9	133420.7	74500.3	17262.7	5882.4	3296.9	2218.7	1593.3
-7.5°	8098.7	18803.8	36444.8	44860.1	36444.8	18803.8	8098.7	4227.6	2714.5	1957.7	1494.7
-10°	4186.3	5772.2	7625.0	8489.4	7625.0	5772.2	4186.3	2953.6	2243.0	1691.3	1359.2
-12.5°	2699.5	3230.6	3660.0	3821.7	3660.0	3230.6	2699.5	2236.1	1784.8	1484.4	1232.8
-15°	1949.1	2184.6	2305.8	2363.1	2305.8	2184.6	1949.1	1694.5	1486.5	1280.9	1090.7
-17.5°	1489.1	1581.4	1627.5	1640.5	1627.5	1581.4	1489.1	1358.5	1236.4	1092.9	987.6
-20°	1197.5	1244.9	1266.7	1268.3	1266.7	1244.9	1197.5	1116.6	1047.3	964.3	852.6



REPORT NUMBER: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1010.8	1036.7	1051.9	1064.7	1051.9	1036.7	1010.8	971.6	902.4	809.6	709.6
-25°	853.1	887.2	903.5	909.5	903.5	887.2	853.1	801.2	734.1	657.3	575.0
-27.5°	675.8	698.4	705.3	719.3	705.3	698.4	675.8	634.7	579.0	542.4	499.2
-30°	541.3	550.1	551.3	550.7	551.3	550.1	541.3	522.8	497.8	484.9	478.4
-32.5°	479.4	480.4	478.8	475.6	478.8	480.4	479.4	477.2	473.4	491.9	539.1
-35°	506.5	493.3	485.4	482.3	485.4	493.3	506.5	528.3	559.2	580.6	557.1
-37.5°	589.5	609.6	626.4	635.8	626.4	609.6	589.5	569.7	550.6	524.6	505.4
-40°	548.7	566.9	584.3	602.5	584.3	566.9	548.7	529.3	508.8	485.6	465.5
-42.5°	510.6	523.8	533.5	535.7	533.5	523.8	510.6	498.3	479.9	457.3	431.6
-45°	482.2	488.5	493.3	497.3	493.3	488.5	482.2	473.7	454.6	431.2	406.8
-47.5°	452.0	463.7	469.8	470.6	469.8	463.7	452.0	437.4	417.0	393.2	369.4
-50°	402.6	420.5	429.4	430.6	429.4	420.5	402.6	381.1	356.5	330.8	303.8
-52.5°	334.1	354.1	362.3	362.1	362.3	354.1	334.1	311.7	288.2	269.5	249.6
-55°	282.9	304.5	311.7	310.4	311.7	304.5	282.9	259.8	235.7	221.6	206.7
-57.5°	242.8	264.2	268.2	263.7	268.2	264.2	242.8	220.4	197.2	185.2	173.6
-60°	213.8	234.2	237.3	233.6	237.3	234.2	213.8	192.8	171.2	159.1	149.3
-62.5°	199.8	219.1	223.2	223.6	223.2	219.1	199.8	179.0	155.8	141.1	131.3
-65°	222.1	254.6	267.5	277.0	267.5	254.6	222.1	188.1	151.7	128.0	116.6
-67.5°	249.3	303.2	320.3	328.8	320.3	303.2	249.3	197.6	149.9	119.5	105.4
-70°	161.7	180.7	179.9	175.2	179.9	180.7	161.7	142.9	125.1	108.3	91.6
-72.5°	98.8	103.6	102.4	100.1	102.4	103.6	98.8	93.6	88.1	80.5	68.2
-75°	59.1	61.1	60.0	58.4	60.0	61.1	59.1	56.9	54.5	51.2	44.7
-77.5°	36.7	38.0	36.6	35.0	36.6	38.0	36.7	35.2	33.7	31.8	28.2
-80°	18.0	18.2	17.5	16.7	17.5	18.2	18.0	17.7	17.3	16.7	15.1
-82.5°	6.6	6.7	6.7	6.7	6.7	6.7	6.6	6.5	6.5	6.4	6.2
-85°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
-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: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TSB-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°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2
85°	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.6	2.5	2.4
82.5°	6.1	5.9	5.7	5.5	5.3	5.1	4.8	4.6	4.3	4.0	3.7
80°	13.6	12.1	10.9	10.6	10.2	9.6	8.9	8.0	7.1	6.5	6.1
77.5°	24.7	21.4	18.8	18.4	17.8	17.1	15.9	14.1	12.7	11.4	10.3
75°	38.5	32.6	28.7	28.3	27.6	26.7	25.3	23.1	20.7	18.3	16.1
72.5°	56.5	45.9	40.0	39.5	38.7	37.8	36.7	34.7	31.7	27.8	24.2
70°	75.4	59.9	52.8	52.1	51.2	50.2	48.8	47.4	45.7	42.9	37.4
67.5°	90.2	73.7	67.6	66.8	65.9	64.5	61.7	59.3	57.2	54.9	49.3
65°	103.9	89.7	87.0	86.4	84.9	82.2	75.8	71.0	67.6	64.6	58.7
62.5°	120.6	109.0	108.9	107.9	106.1	102.3	93.8	86.0	79.0	72.9	67.9
60°	138.7	129.6	129.2	128.4	127.0	122.2	113.1	103.2	92.6	85.8	79.0
57.5°	161.2	153.1	151.5	149.3	146.5	139.4	130.8	121.9	111.2	101.4	92.0
55°	191.0	183.0	178.5	173.4	168.0	158.1	147.7	137.4	127.9	119.2	108.4
52.5°	229.3	220.7	212.2	202.5	192.6	179.4	166.1	154.5	143.7	134.1	124.1
50°	279.8	267.6	253.9	240.0	223.8	204.6	188.1	173.2	161.1	149.8	138.4
47.5°	344.7	325.4	304.2	285.3	262.3	237.7	216.0	195.0	181.1	166.0	153.4
45°	391.4	380.2	366.2	339.2	308.6	280.3	250.2	226.1	203.9	186.2	168.5
42.5°	423.5	415.4	404.0	386.7	363.9	329.0	294.1	262.3	233.4	208.7	186.3
40°	452.9	440.2	430.0	418.0	399.3	377.9	342.7	302.8	267.9	235.9	204.3
37.5°	487.4	469.1	455.6	441.0	426.4	407.5	384.9	349.3	304.8	264.4	226.3
35°	530.5	507.6	486.9	468.3	449.9	430.7	410.9	387.3	346.7	295.7	249.9
32.5°	585.2	556.5	528.2	502.7	474.3	451.1	430.8	409.8	382.6	330.9	278.1
30°	500.4	563.4	576.1	540.7	503.6	471.7	448.1	427.2	401.9	366.6	306.6
27.5°	486.4	482.7	552.4	580.4	534.9	496.0	466.6	442.4	419.7	388.7	339.1
25°	526.2	493.8	487.2	551.1	572.2	524.0	488.5	459.6	433.3	407.1	377.6
22.5°	603.8	538.2	496.0	487.3	566.4	560.1	514.8	477.5	449.1	432.4	404.3
20°	731.3	609.5	534.0	496.8	513.5	593.8	541.6	502.0	475.8	455.8	429.0
17.5°	859.0	721.8	591.4	516.3	498.5	555.2	573.7	531.6	499.2	479.8	453.7
15°	975.2	826.1	679.4	566.4	507.6	518.1	601.8	558.9	521.1	502.0	473.9
12.5°	1049.9	918.2	759.5	611.0	524.0	505.0	585.7	583.2	544.1	515.0	486.9
10°	1119.6	982.7	828.1	672.6	558.8	512.4	561.8	603.3	562.5	525.4	497.4
7.5°	1204.1	1021.6	879.1	720.0	581.8	515.6	543.4	621.5	579.4	536.0	505.6
5°	1256.3	1048.5	909.4	747.4	592.3	515.5	529.4	637.7	594.4	546.2	511.8
2.5°	1288.7	1063.5	924.2	762.1	595.2	512.7	523.2	652.7	609.1	552.0	513.4
0°	1293.3	1061.4	932.9	767.7	594.1	507.3	527.4	665.9	622.5	555.7	514.0
-2.5°	1288.7	1063.5	924.2	762.1	595.2	512.7	523.2	652.7	609.1	552.0	513.4
-5°	1256.3	1048.5	909.4	747.4	592.3	515.5	529.4	637.7	594.4	546.2	511.8
-7.5°	1204.1	1021.6	879.1	720.0	581.8	515.6	543.4	621.5	579.4	536.0	505.6
-10°	1119.6	982.7	828.1	672.6	558.8	512.4	561.8	603.3	562.5	525.4	497.4
-12.5°	1049.9	918.2	759.5	611.0	524.0	505.0	585.7	583.2	544.1	515.0	486.9
-15°	975.2	826.1	679.4	566.4	507.6	518.1	601.8	558.9	521.1	502.0	473.9
-17.5°	859.0	721.8	591.4	516.3	498.5	555.2	573.7	531.6	499.2	479.8	453.7
-20°	731.3	609.5	534.0	496.8	513.5	593.8	541.6	502.0	475.8	455.8	429.0



REPORT NUMBER: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	603.8	538.2	496.0	487.3	566.4	560.1	514.8	477.5	449.1	432.4	404.3
-25°	526.2	493.8	487.2	551.1	572.2	524.0	488.5	459.6	433.3	407.1	377.6
-27.5°	486.4	482.7	552.4	580.4	534.9	496.0	466.6	442.4	419.7	388.7	339.1
-30°	500.4	563.4	576.1	540.7	503.6	471.7	448.1	427.2	401.9	366.6	306.6
-32.5°	585.2	556.5	528.2	502.7	474.3	451.1	430.8	409.8	382.6	330.9	278.1
-35°	530.5	507.6	486.9	468.3	449.9	430.7	410.9	387.3	346.7	295.7	249.9
-37.5°	487.4	469.1	455.6	441.0	426.4	407.5	384.9	349.3	304.8	264.4	226.3
-40°	452.9	440.2	430.0	418.0	399.3	377.9	342.7	302.8	267.9	235.9	204.3
-42.5°	423.5	415.4	404.0	386.7	363.9	329.0	294.1	262.3	233.4	208.7	186.3
-45°	391.4	380.2	366.2	339.2	308.6	280.3	250.2	226.1	203.9	186.2	168.5
-47.5°	344.7	325.4	304.2	285.3	262.3	237.7	216.0	195.0	181.1	166.0	153.4
-50°	279.8	267.6	253.9	240.0	223.8	204.6	188.1	173.2	161.1	149.8	138.4
-52.5°	229.3	220.7	212.2	202.5	192.6	179.4	166.1	154.5	143.7	134.1	124.1
-55°	191.0	183.0	178.5	173.4	168.0	158.1	147.7	137.4	127.9	119.2	108.4
-57.5°	161.2	153.1	151.5	149.3	146.5	139.4	130.8	121.9	111.2	101.4	92.0
-60°	138.7	129.6	129.2	128.4	127.0	122.2	113.1	103.2	92.6	85.8	79.0
-62.5°	120.6	109.0	108.9	107.9	106.1	102.3	93.8	86.0	79.0	72.9	67.9
-65°	103.9	89.7	87.0	86.4	84.9	82.2	75.8	71.0	67.6	64.6	58.7
-67.5°	90.2	73.7	67.6	66.8	65.9	64.5	61.7	59.3	57.2	54.9	49.3
-70°	75.4	59.9	52.8	52.1	51.2	50.2	48.8	47.4	45.7	42.9	37.4
-72.5°	56.5	45.9	40.0	39.5	38.7	37.8	36.7	34.7	31.7	27.8	24.2
-75°	38.5	32.6	28.7	28.3	27.6	26.7	25.3	23.1	20.7	18.3	16.1
-77.5°	24.7	21.4	18.8	18.4	17.8	17.1	15.9	14.1	12.7	11.4	10.3
-80°	13.6	12.1	10.9	10.6	10.2	9.6	8.9	8.0	7.1	6.5	6.1
-82.5°	6.1	5.9	5.7	5.5	5.3	5.1	4.8	4.6	4.3	4.0	3.7
-85°	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.6	2.5	2.4
-87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TSB-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°	1.1	1.1	1.0	1.0	1.1	1.3	1.3	1.4	1.3	1.1	1.0
85°	2.3	2.2	2.0	1.9	2.2	2.5	2.7	2.8	2.5	2.3	2.0
82.5°	3.4	3.2	3.0	2.9	2.8	2.9	3.1	3.3	3.3	3.3	3.0
80°	5.7	5.2	4.8	4.3	3.8	3.3	3.2	3.3	3.3	3.3	3.3
77.5°	9.3	8.2	6.9	6.2	5.6	4.9	4.3	3.6	3.3	3.3	3.3
75°	14.3	13.1	11.7	10.1	8.2	6.6	5.8	5.1	4.4	3.4	3.3
72.5°	22.0	19.8	17.4	14.6	12.2	10.1	8.0	6.6	5.8	4.9	3.7
70°	32.0	27.4	24.3	20.7	16.9	13.5	11.1	9.2	7.4	6.3	5.0
67.5°	43.4	37.2	32.0	26.9	22.4	18.2	14.2	12.0	10.1	7.8	6.4
65°	52.2	45.8	39.5	33.7	28.2	23.0	18.5	15.3	12.8	10.3	7.8
62.5°	61.3	53.5	46.8	40.4	34.1	28.2	22.8	19.7	15.8	12.9	9.8
60°	71.6	63.8	54.4	47.1	40.1	33.3	27.9	24.1	20.0	15.4	12.1
57.5°	84.1	75.2	64.4	54.4	46.2	38.6	33.4	29.1	24.2	19.0	14.4
55°	97.5	87.0	74.3	62.7	52.6	44.1	39.4	34.5	28.6	22.9	16.9
52.5°	112.8	98.9	84.5	71.1	59.4	50.5	46.2	40.0	33.8	26.8	20.6
50°	127.1	111.3	95.0	80.0	66.1	58.8	53.4	46.7	39.0	30.9	24.6
47.5°	138.9	122.6	105.9	88.9	73.8	67.8	61.7	53.8	44.3	35.7	28.8
45°	151.0	132.8	115.9	98.5	84.4	77.9	70.8	61.0	50.9	41.4	33.1
42.5°	163.0	143.5	124.8	107.4	96.5	88.2	80.4	69.7	57.7	47.4	38.0
40°	178.1	154.4	133.5	118.1	108.3	98.3	89.7	78.8	64.8	54.0	43.3
37.5°	192.9	166.8	143.3	129.6	119.5	108.8	98.8	88.2	73.8	61.5	48.8
35°	212.1	179.8	157.0	141.7	129.7	118.8	107.7	97.3	84.1	69.0	54.4
32.5°	230.5	196.1	172.7	153.9	139.4	128.4	116.5	108.8	94.8	76.6	60.1
30°	255.2	217.9	188.2	165.4	149.1	137.0	127.5	121.7	105.9	84.3	65.9
27.5°	285.8	239.3	204.0	178.3	159.2	145.5	142.1	135.9	117.3	92.6	72.3
25°	316.8	264.7	223.0	191.3	168.7	160.0	156.6	151.3	129.2	102.0	78.5
22.5°	351.1	290.5	241.3	203.6	184.9	174.0	170.3	164.3	141.7	111.3	84.6
20°	384.3	315.0	260.2	224.1	202.3	188.9	183.2	177.1	154.7	120.6	90.6
17.5°	414.6	342.4	286.7	246.4	220.1	203.6	195.7	189.7	168.1	129.8	96.4
15°	434.7	371.8	311.5	267.3	237.0	217.9	207.7	202.1	181.6	138.7	100.5
12.5°	451.8	397.5	333.7	286.7	253.3	231.8	219.4	214.1	195.2	144.5	102.7
10°	466.1	419.6	353.7	304.7	268.8	245.2	230.7	222.7	200.4	147.4	104.6
7.5°	477.9	438.3	371.3	321.3	281.5	252.0	232.5	224.2	203.5	149.6	106.2
5°	486.2	449.3	379.7	325.6	282.4	251.5	232.5	225.5	205.6	151.1	107.4
2.5°	487.4	450.4	381.9	327.0	282.6	250.4	232.3	226.4	206.8	151.8	108.2
0°	487.3	448.9	382.2	327.1	282.0	248.7	232.0	227.0	206.9	151.9	108.5
-2.5°	487.4	450.4	381.9	327.0	282.6	250.4	232.3	226.4	206.8	151.8	108.2
-5°	486.2	449.3	379.7	325.6	282.4	251.5	232.5	225.5	205.6	151.1	107.4
-7.5°	477.9	438.3	371.3	321.3	281.5	252.0	232.5	224.2	203.5	149.6	106.2
-10°	466.1	419.6	353.7	304.7	268.8	245.2	230.7	222.7	200.4	147.4	104.6
-12.5°	451.8	397.5	333.7	286.7	253.3	231.8	219.4	214.1	195.2	144.5	102.7
-15°	434.7	371.8	311.5	267.3	237.0	217.9	207.7	202.1	181.6	138.7	100.5
-17.5°	414.6	342.4	286.7	246.4	220.1	203.6	195.7	189.7	168.1	129.8	96.4
-20°	384.3	315.0	260.2	224.1	202.3	188.9	183.2	177.1	154.7	120.6	90.6



REPORT NUMBER: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	351.1	290.5	241.3	203.6	184.9	174.0	170.3	164.3	141.7	111.3	84.6
-25°	316.8	264.7	223.0	191.3	168.7	160.0	156.6	151.3	129.2	102.0	78.5
-27.5°	285.8	239.3	204.0	178.3	159.2	145.5	142.1	135.9	117.3	92.6	72.3
-30°	255.2	217.9	188.2	165.4	149.1	137.0	127.5	121.7	105.9	84.3	65.9
-32.5°	230.5	196.1	172.7	153.9	139.4	128.4	116.5	108.8	94.8	76.6	60.1
-35°	212.1	179.8	157.0	141.7	129.7	118.8	107.7	97.3	84.1	69.0	54.4
-37.5°	192.9	166.8	143.3	129.6	119.5	108.8	98.8	88.2	73.8	61.5	48.8
-40°	178.1	154.4	133.5	118.1	108.3	98.3	89.7	78.8	64.8	54.0	43.3
-42.5°	163.0	143.5	124.8	107.4	96.5	88.2	80.4	69.7	57.7	47.4	38.0
-45°	151.0	132.8	115.9	98.5	84.4	77.9	70.8	61.0	50.9	41.4	33.1
-47.5°	138.9	122.6	105.9	88.9	73.8	67.8	61.7	53.8	44.3	35.7	28.8
-50°	127.1	111.3	95.0	80.0	66.1	58.8	53.4	46.7	39.0	30.9	24.6
-52.5°	112.8	98.9	84.5	71.1	59.4	50.5	46.2	40.0	33.8	26.8	20.6
-55°	97.5	87.0	74.3	62.7	52.6	44.1	39.4	34.5	28.6	22.9	16.9
-57.5°	84.1	75.2	64.4	54.4	46.2	38.6	33.4	29.1	24.2	19.0	14.4
-60°	71.6	63.8	54.4	47.1	40.1	33.3	27.9	24.1	20.0	15.4	12.1
-62.5°	61.3	53.5	46.8	40.4	34.1	28.2	22.8	19.7	15.8	12.9	9.8
-65°	52.2	45.8	39.5	33.7	28.2	23.0	18.5	15.3	12.8	10.3	7.8
-67.5°	43.4	37.2	32.0	26.9	22.4	18.2	14.2	12.0	10.1	7.8	6.4
-70°	32.0	27.4	24.3	20.7	16.9	13.5	11.1	9.2	7.4	6.3	5.0
-72.5°	22.0	19.8	17.4	14.6	12.2	10.1	8.0	6.6	5.8	4.9	3.7
-75°	14.3	13.1	11.7	10.1	8.2	6.6	5.8	5.1	4.4	3.4	3.3
-77.5°	9.3	8.2	6.9	6.2	5.6	4.9	4.3	3.6	3.3	3.3	3.3
-80°	5.7	5.2	4.8	4.3	3.8	3.3	3.2	3.3	3.3	3.3	3.3
-82.5°	3.4	3.2	3.0	2.9	2.8	2.9	3.1	3.3	3.3	3.3	3.0
-85°	2.3	2.2	2.0	1.9	2.2	2.5	2.7	2.8	2.5	2.3	2.0
-87.5°	1.1	1.1	1.0	1.0	1.1	1.3	1.3	1.4	1.3	1.1	1.0
-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: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TSB-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°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
80°	3.3	2.8	2.3	1.7	1.1	0.6	0.0
77.5°	3.3	3.3	2.8	2.1	1.4	0.7	0.0
75°	3.3	3.3	3.3	2.6	1.7	0.9	0.0
72.5°	3.3	3.3	3.3	3.0	2.0	1.0	0.0
70°	3.5	3.3	3.3	3.3	2.3	1.1	0.0
67.5°	4.7	3.3	3.3	3.3	2.5	1.3	0.0
65°	6.0	3.9	3.3	3.3	2.8	1.4	0.0
62.5°	7.2	5.0	3.3	3.3	3.0	1.5	0.0
60°	8.5	6.1	3.3	3.3	3.3	1.6	0.0
57.5°	10.6	7.2	4.2	3.3	3.3	1.8	0.0
55°	12.9	8.2	5.1	3.3	3.3	1.9	0.0
52.5°	15.3	9.5	5.9	3.3	3.4	2.0	0.0
50°	17.7	11.6	6.8	3.3	3.4	2.1	0.0
47.5°	20.4	13.7	7.7	3.5	3.5	2.2	0.0
45°	24.1	15.8	8.5	4.1	3.5	2.3	0.0
42.5°	27.9	17.9	9.3	4.7	3.6	2.4	0.0
40°	31.7	20.1	10.6	5.3	3.6	2.5	0.0
37.5°	35.6	22.2	12.2	5.9	3.7	2.6	0.0
35°	39.5	24.9	13.8	6.4	3.8	2.7	0.0
32.5°	43.6	28.0	15.4	6.8	3.8	2.8	0.0
30°	48.1	31.0	16.9	7.2	3.9	2.9	0.0
27.5°	52.7	33.9	17.9	7.6	4.0	2.9	0.0
25°	57.1	36.8	18.6	7.8	4.1	3.0	0.0
22.5°	61.5	39.1	19.2	8.1	4.2	3.0	0.0
20°	65.7	39.9	19.7	8.3	4.3	3.1	0.0
17.5°	67.9	40.4	20.0	8.4	4.4	3.1	0.0
15°	68.7	40.6	20.1	8.5	4.5	3.2	0.0
12.5°	69.2	40.6	20.1	8.5	4.6	3.2	0.0
10°	69.4	40.3	20.0	8.6	4.7	3.2	0.0
7.5°	69.3	39.7	19.7	8.5	4.8	3.3	0.0
5°	68.8	38.9	19.4	8.5	4.8	3.3	0.0
2.5°	68.0	37.9	18.9	8.4	4.9	3.3	0.0
0°	66.8	36.7	18.4	8.3	5.0	3.3	0.0
-2.5°	68.0	37.9	18.9	8.4	4.9	3.3	0.0
-5°	68.8	38.9	19.4	8.5	4.8	3.3	0.0
-7.5°	69.3	39.7	19.7	8.5	4.8	3.3	0.0
-10°	69.4	40.3	20.0	8.6	4.7	3.2	0.0
-12.5°	69.2	40.6	20.1	8.5	4.6	3.2	0.0
-15°	68.7	40.6	20.1	8.5	4.5	3.2	0.0
-17.5°	67.9	40.4	20.0	8.4	4.4	3.1	0.0
-20°	65.7	39.9	19.7	8.3	4.3	3.1	0.0



REPORT NUMBER: P558929 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	61.5	39.1	19.2	8.1	4.2	3.0	0.0
-25°	57.1	36.8	18.6	7.8	4.1	3.0	0.0
-27.5°	52.7	33.9	17.9	7.6	4.0	2.9	0.0
-30°	48.1	31.0	16.9	7.2	3.9	2.9	0.0
-32.5°	43.6	28.0	15.4	6.8	3.8	2.8	0.0
-35°	39.5	24.9	13.8	6.4	3.8	2.7	0.0
-37.5°	35.6	22.2	12.2	5.9	3.7	2.6	0.0
-40°	31.7	20.1	10.6	5.3	3.6	2.5	0.0
-42.5°	27.9	17.9	9.3	4.7	3.6	2.4	0.0
-45°	24.1	15.8	8.5	4.1	3.5	2.3	0.0
-47.5°	20.4	13.7	7.7	3.5	3.5	2.2	0.0
-50°	17.7	11.6	6.8	3.3	3.4	2.1	0.0
-52.5°	15.3	9.5	5.9	3.3	3.4	2.0	0.0
-55°	12.9	8.2	5.1	3.3	3.3	1.9	0.0
-57.5°	10.6	7.2	4.2	3.3	3.3	1.8	0.0
-60°	8.5	6.1	3.3	3.3	3.3	1.6	0.0
-62.5°	7.2	5.0	3.3	3.3	3.0	1.5	0.0
-65°	6.0	3.9	3.3	3.3	2.8	1.4	0.0
-67.5°	4.7	3.3	3.3	3.3	2.5	1.3	0.0
-70°	3.5	3.3	3.3	3.3	2.3	1.1	0.0
-72.5°	3.3	3.3	3.3	3.0	2.0	1.0	0.0
-75°	3.3	3.3	3.3	2.6	1.7	0.9	0.0
-77.5°	3.3	3.3	2.8	2.1	1.4	0.7	0.0
-80°	3.3	2.8	2.3	1.7	1.1	0.6	0.0
-82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)