

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: P558901 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-940-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558901 (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-SA4B-940-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

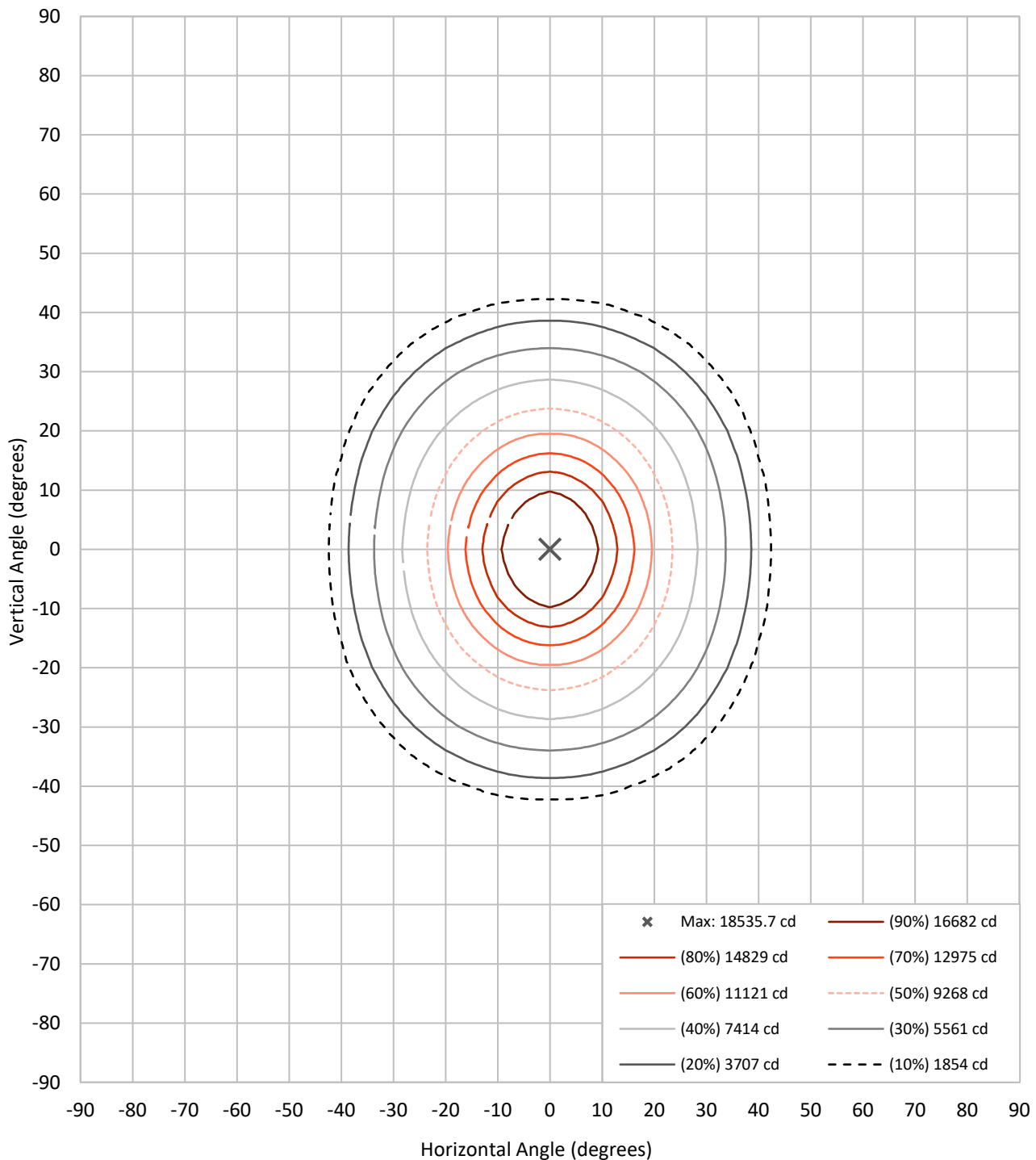
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	14429 lumens	Max Intensity:	18535.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	6808.6 lumens	Field Lumens:	13101.5 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 126
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: P558901 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-940-U-MWR-XX

Iso-Candela Plot





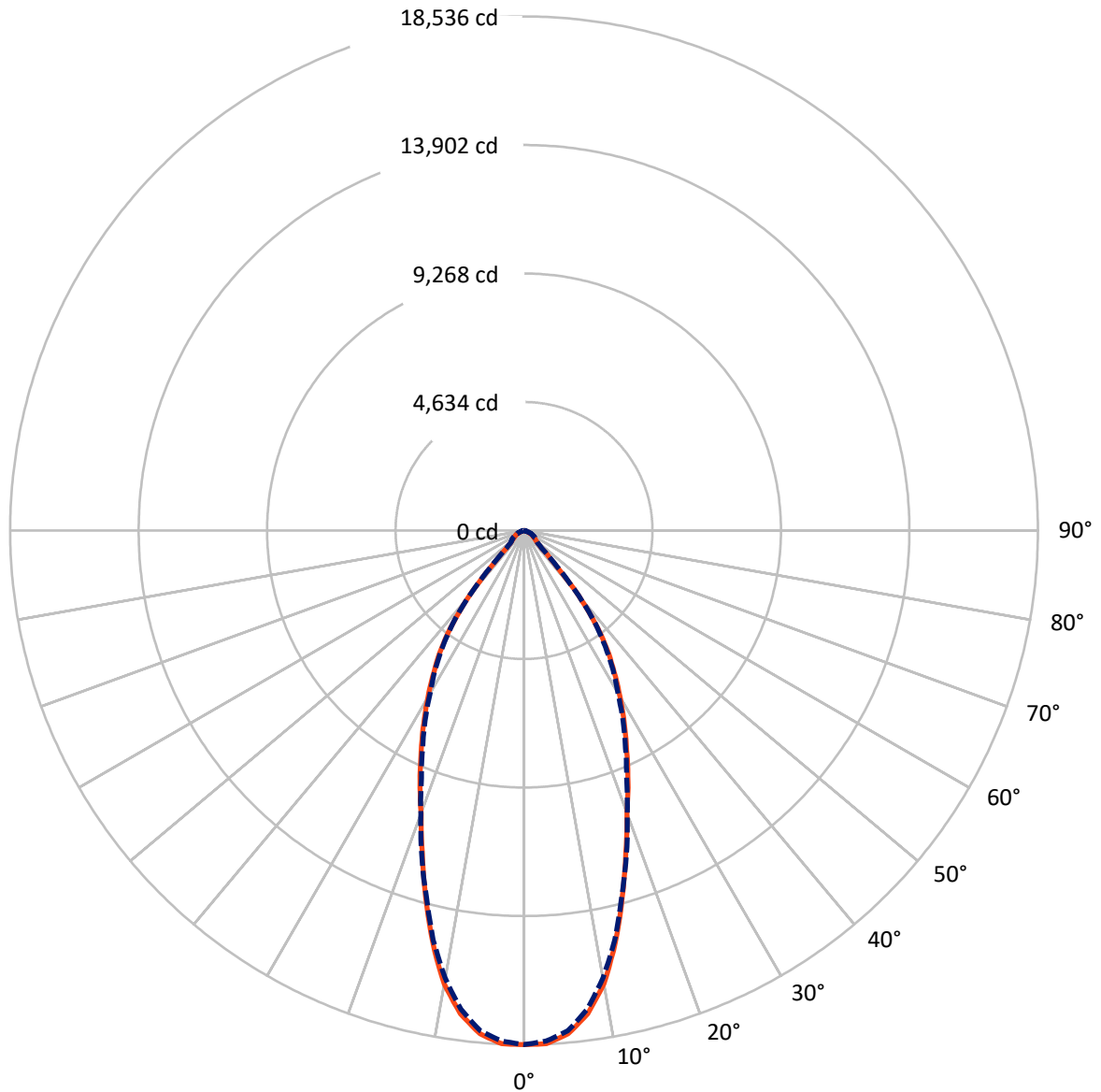
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Lumen Table

90	0.2	1.8	4.0	6.5	5.1	6.5	4.0	1.8	0.2							
80	0.2	1.8	4.0	6.5	5.1	6.5	4.0	1.8	0.2							
70	1.0	1.1	2.1	3.3	4.6	5.7	6.6	7.2	7.2	6.6	5.7	4.6	3.3	2.1	1.1	1.0
60		1.7	3.5	5.8	8.3	10.4	11.8	13.0	13.0	11.8	10.4	8.3	5.8	3.5	1.7	
50	1.5	2.3	4.8	8.1	11.8	16.2	25.6	35.9	35.9	25.6	16.2	11.8	8.1	4.8	2.3	1.5
40		2.8	6.0	10.1	19.0	60.8	118.4	150.9	150.9	118.4	60.8	19.0	10.1	6.0	2.8	
30	1.7	3.3	7.0	12.7	55.6	145.3	214.4	259.6	259.6	214.4	145.3	55.6	12.7	7.0	3.3	1.7
20		3.7	7.9	19.4	101.1	200.5	304.6	396.5	396.5	304.6	200.5	101.1	19.4	7.9	3.7	
10	1.8	3.9	8.5	26.8	123.2	234.0	383.2	518.2	518.2	383.2	234.0	123.2	26.8	8.5	3.9	1.8
0		3.9	8.5	26.8	123.2	234.0	383.2	518.2	518.2	383.2	234.0	123.2	26.8	8.5	3.9	
-10	1.7	3.7	7.9	19.4	101.1	200.5	304.6	396.5	396.5	304.6	200.5	101.1	19.4	7.9	3.7	1.7
-20		3.3	7.0	12.7	55.6	145.3	214.4	259.6	259.6	214.4	145.3	55.6	12.7	7.0	3.3	
-30	1.5	2.8	6.0	10.1	19.0	60.8	118.4	150.9	150.9	118.4	60.8	19.0	10.1	6.0	2.8	1.5
-40		2.3	4.8	8.1	11.8	16.2	25.6	35.9	35.9	25.6	16.2	11.8	8.1	4.8	2.3	
-50	1.0	1.7	3.5	5.8	8.3	10.4	11.8	13.0	13.0	11.8	10.4	8.3	5.8	3.5	1.7	1.0
-60		1.1	2.1	3.3	4.6	5.7	6.6	7.2	7.2	6.6	5.7	4.6	3.3	2.1	1.1	
-70	0.2	1.8	4.0	6.5	5.1	6.5	4.0	1.8	0.2							
-80		0.2	1.8	4.0	6.5	5.1	6.5	4.0	1.8	0.2						
-90	0.2	1.8	4.0	6.5	5.1	6.5	4.0	1.8	0.2							

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CATALOG NUMBER: GFLD-SA4B-940-U-MWR-XX

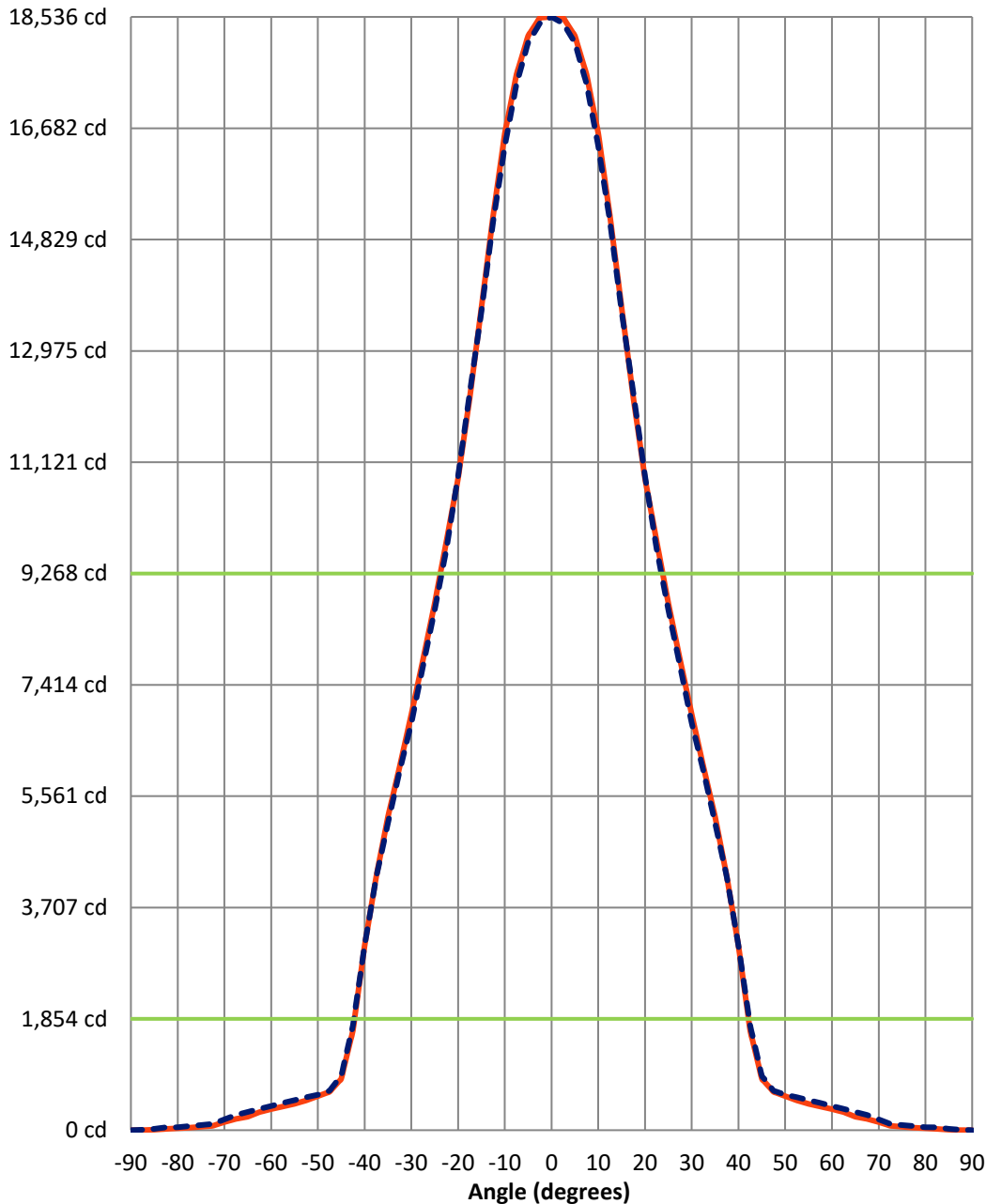
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 6808.6
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 13101.5
 Efficiency: 90.8%

Spill:
 Lumens: 1327.5
 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	0.3	0.6	1.0	1.4	2.0	2.5	2.8	3.1	3.3	3.5
85°	0.0	0.6	1.2	2.0	2.9	3.9	5.0	5.6	6.2	6.6	7.0
82.5°	0.0	0.9	1.8	3.0	4.3	5.8	7.5	8.4	9.5	11.4	12.8
80°	0.0	1.2	2.4	4.0	5.7	7.7	10.4	13.7	16.4	18.5	19.9
77.5°	0.0	1.5	3.0	4.9	7.1	10.6	16.3	20.4	23.4	25.6	27.7
75°	0.0	1.8	3.6	5.9	8.9	15.1	22.1	27.0	30.6	34.4	37.3
72.5°	0.0	2.1	4.2	6.8	12.1	19.5	27.8	34.0	39.4	43.8	47.0
70°	0.0	2.4	4.8	8.0	15.4	23.8	33.4	42.3	48.4	53.3	60.9
67.5°	0.0	2.7	5.4	10.1	18.5	28.0	40.0	50.6	57.4	65.3	75.4
65°	0.0	3.0	5.9	12.2	21.5	32.4	46.4	58.9	66.8	76.8	88.9
62.5°	0.0	3.2	6.5	14.3	24.4	37.1	52.4	66.4	75.8	87.9	101.5
60°	0.0	3.5	7.0	16.2	27.1	41.6	58.1	73.2	84.3	99.1	113.8
57.5°	0.0	3.8	8.2	18.1	30.3	45.8	62.1	79.3	93.8	110.2	124.6
55°	0.0	4.0	9.4	19.9	33.3	49.8	65.4	83.7	103.5	120.6	134.5
52.5°	0.0	4.3	10.6	21.6	36.1	53.2	68.2	89.7	113.0	129.4	144.3
50°	0.0	4.5	11.7	23.1	38.7	54.9	70.5	95.3	121.8	138.1	155.1
47.5°	0.0	4.7	12.7	24.7	41.2	56.3	72.7	100.3	129.3	146.5	165.6
45°	0.0	4.9	13.7	26.3	43.4	57.3	76.2	104.5	133.1	155.6	175.8
42.5°	0.0	5.2	14.7	27.9	45.4	58.0	79.2	107.5	136.0	164.3	186.2
40°	0.0	5.4	15.6	29.4	46.4	58.3	81.7	109.4	138.6	172.0	196.2
37.5°	0.0	5.6	16.5	31.1	46.6	58.3	83.5	110.8	141.5	175.8	205.8
35°	0.0	5.7	17.3	32.7	46.5	59.1	84.9	111.6	143.9	181.4	215.0
32.5°	0.0	5.9	18.0	34.2	46.2	60.0	85.6	111.8	145.8	188.3	223.4
30°	0.0	6.1	18.7	35.7	45.8	60.5	85.5	111.8	147.3	196.2	231.7
27.5°	0.0	6.2	19.3	37.2	46.3	60.7	85.0	112.5	150.2	205.2	239.8
25°	0.0	6.3	19.9	38.6	46.8	60.5	84.0	112.8	156.2	212.7	247.8
22.5°	0.0	6.5	20.4	39.9	47.3	60.7	82.7	112.7	162.5	218.8	257.6
20°	0.0	6.6	20.9	41.1	47.7	62.2	81.0	112.1	168.9	224.6	266.5
17.5°	0.0	6.7	21.3	42.3	48.0	63.6	81.1	111.0	175.3	229.9	274.4
15°	0.0	6.8	21.6	43.3	48.2	64.8	82.3	110.7	181.3	234.8	281.4
12.5°	0.0	6.8	21.9	44.3	48.4	65.9	83.3	111.2	185.5	239.1	287.4
10°	0.0	6.9	22.1	45.1	48.5	66.7	84.0	110.9	187.2	242.7	292.5
7.5°	0.0	6.9	22.2	45.9	48.6	67.4	84.6	110.0	187.4	246.2	296.8
5°	0.0	7.0	22.3	46.5	48.7	67.8	84.9	108.6	186.1	249.3	300.0
2.5°	0.0	7.0	22.3	47.0	48.7	68.1	85.0	106.7	183.5	251.8	302.2
0°	0.0	7.0	22.3	47.3	48.7	68.2	84.9	104.4	179.5	253.3	303.4
-2.5°	0.0	7.0	22.3	47.0	48.7	68.1	85.0	106.7	183.5	251.8	302.2
-5°	0.0	7.0	22.3	46.5	48.7	67.8	84.9	108.6	186.1	249.3	300.0
-7.5°	0.0	6.9	22.2	45.9	48.6	67.4	84.6	110.0	187.4	246.2	296.8
-10°	0.0	6.9	22.1	45.1	48.5	66.7	84.0	110.9	187.2	242.7	292.5
-12.5°	0.0	6.8	21.9	44.3	48.4	65.9	83.3	111.2	185.5	239.1	287.4
-15°	0.0	6.8	21.6	43.3	48.2	64.8	82.3	110.7	181.3	234.8	281.4
-17.5°	0.0	6.7	21.3	42.3	48.0	63.6	81.1	111.0	175.3	229.9	274.4
-20°	0.0	6.6	20.9	41.1	47.7	62.2	81.0	112.1	168.9	224.6	266.5



REPORT NUMBER: P558901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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	6.5	20.4	39.9	47.3	60.7	82.7	112.7	162.5	218.8	257.6
-25°	0.0	6.3	19.9	38.6	46.8	60.5	84.0	112.8	156.2	212.7	247.8
-27.5°	0.0	6.2	19.3	37.2	46.3	60.7	85.0	112.5	150.2	205.2	239.8
-30°	0.0	6.1	18.7	35.7	45.8	60.5	85.5	111.8	147.3	196.2	231.7
-32.5°	0.0	5.9	18.0	34.2	46.2	60.0	85.6	111.8	145.8	188.3	223.4
-35°	0.0	5.7	17.3	32.7	46.5	59.1	84.9	111.6	143.9	181.4	215.0
-37.5°	0.0	5.6	16.5	31.1	46.6	58.3	83.5	110.8	141.5	175.8	205.8
-40°	0.0	5.4	15.6	29.4	46.4	58.3	81.7	109.4	138.6	172.0	196.2
-42.5°	0.0	5.2	14.7	27.9	45.4	58.0	79.2	107.5	136.0	164.3	186.2
-45°	0.0	4.9	13.7	26.3	43.4	57.3	76.2	104.5	133.1	155.6	175.8
-47.5°	0.0	4.7	12.7	24.7	41.2	56.3	72.7	100.3	129.3	146.5	165.6
-50°	0.0	4.5	11.7	23.1	38.7	54.9	70.5	95.3	121.8	138.1	155.1
-52.5°	0.0	4.3	10.6	21.6	36.1	53.2	68.2	89.7	113.0	129.4	144.3
-55°	0.0	4.0	9.4	19.9	33.3	49.8	65.4	83.7	103.5	120.6	134.5
-57.5°	0.0	3.8	8.2	18.1	30.3	45.8	62.1	79.3	93.8	110.2	124.6
-60°	0.0	3.5	7.0	16.2	27.1	41.6	58.1	73.2	84.3	99.1	113.8
-62.5°	0.0	3.2	6.5	14.3	24.4	37.1	52.4	66.4	75.8	87.9	101.5
-65°	0.0	3.0	5.9	12.2	21.5	32.4	46.4	58.9	66.8	76.8	88.9
-67.5°	0.0	2.7	5.4	10.1	18.5	28.0	40.0	50.6	57.4	65.3	75.4
-70°	0.0	2.4	4.8	8.0	15.4	23.8	33.4	42.3	48.4	53.3	60.9
-72.5°	0.0	2.1	4.2	6.8	12.1	19.5	27.8	34.0	39.4	43.8	47.0
-75°	0.0	1.8	3.6	5.9	8.9	15.1	22.1	27.0	30.6	34.4	37.3
-77.5°	0.0	1.5	3.0	4.9	7.1	10.6	16.3	20.4	23.4	25.6	27.7
-80°	0.0	1.2	2.4	4.0	5.7	7.7	10.4	13.7	16.4	18.5	19.9
-82.5°	0.0	0.9	1.8	3.0	4.3	5.8	7.5	8.4	9.5	11.4	12.8
-85°	0.0	0.6	1.2	2.0	2.9	3.9	5.0	5.6	6.2	6.6	7.0
-87.5°	0.0	0.3	0.6	1.0	1.4	2.0	2.5	2.8	3.1	3.3	3.5
-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°	3.5	3.5	3.4	3.2	3.0	2.7	2.4	2.0	2.1	2.1	2.2
85°	7.1	7.0	7.5	8.1	8.3	8.2	7.9	7.4	8.5	9.8	11.1
82.5°	14.1	15.3	16.5	17.6	17.7	17.3	16.6	15.9	18.4	21.4	24.6
80°	21.7	23.6	26.4	29.2	29.9	29.6	28.7	27.1	30.5	35.5	41.1
77.5°	31.1	34.9	38.7	42.5	43.5	42.7	40.9	38.0	42.3	50.3	59.2
75°	41.3	46.1	52.2	56.9	58.0	56.3	53.5	51.0	56.2	66.2	75.7
72.5°	54.0	61.8	67.8	72.0	72.3	70.8	69.4	68.1	73.9	85.7	95.5
70°	70.2	78.0	82.7	85.2	85.8	86.7	90.7	94.4	100.2	110.3	118.3
67.5°	86.2	92.4	96.6	99.6	105.6	111.3	116.8	122.4	128.8	137.4	143.5
65°	100.4	106.8	112.3	119.5	128.3	135.2	142.5	150.4	159.3	167.3	173.2
62.5°	114.5	121.4	129.1	138.6	148.8	158.1	168.8	179.8	190.4	199.5	209.5
60°	126.1	135.2	145.6	157.1	169.3	183.4	196.4	209.0	220.7	232.1	246.1
57.5°	137.1	149.5	162.2	176.0	192.0	209.2	224.3	238.2	252.8	269.3	283.1
55°	148.6	164.2	178.9	195.5	214.6	235.3	251.9	267.6	285.6	305.4	320.8
52.5°	161.2	178.4	195.5	215.5	238.6	259.1	276.5	296.1	317.9	339.4	357.3
50°	173.3	192.3	212.2	237.6	260.5	280.1	301.6	325.3	348.0	370.1	391.3
47.5°	185.5	205.8	232.3	258.2	279.6	302.6	327.7	352.0	375.9	399.0	421.1
45°	197.4	221.6	251.0	275.6	299.4	325.8	351.7	377.2	402.4	426.9	451.1
42.5°	209.0	237.1	266.6	292.4	319.8	347.4	374.5	401.5	428.1	454.3	480.1
40°	221.6	251.2	282.2	310.4	339.0	367.7	396.3	424.8	452.9	480.6	508.0
37.5°	233.2	265.8	298.1	327.6	357.0	387.1	417.1	447.3	476.8	505.8	537.0
35°	243.6	280.5	313.2	344.1	374.9	405.5	437.3	468.9	500.0	531.5	571.3
32.5°	255.3	295.4	327.5	360.1	391.9	423.4	456.4	489.9	523.1	559.8	617.0
30°	268.5	307.9	341.0	375.2	407.9	441.0	475.0	510.0	544.9	602.1	734.1
27.5°	281.3	319.3	354.1	389.1	422.8	457.1	492.8	529.1	577.8	665.5	879.7
25°	293.2	330.3	366.5	401.9	436.6	472.2	509.1	546.8	612.9	790.2	1263.4
22.5°	303.2	340.9	378.5	413.5	449.1	485.9	524.3	574.3	676.4	916.1	1690.3
20°	311.7	351.0	389.4	425.9	460.9	498.1	538.1	600.5	772.9	1275.4	2201.8
17.5°	319.6	360.1	399.4	437.6	474.3	510.8	551.9	623.1	859.7	1587.7	2716.2
15°	326.9	368.3	408.8	448.6	486.6	524.6	573.6	687.3	1035.4	1897.7	3174.5
12.5°	333.5	375.5	417.3	458.7	497.6	537.0	593.1	751.1	1250.5	2261.5	3487.2
10°	339.2	381.7	425.0	468.0	507.3	547.8	609.6	803.5	1427.4	2560.7	3738.5
7.5°	344.5	387.6	432.1	476.2	515.7	557.0	623.1	844.4	1564.1	2786.0	3939.0
5°	349.0	393.5	440.4	485.1	526.3	567.1	634.7	873.8	1660.1	2937.8	4085.1
2.5°	352.4	398.4	447.7	493.1	537.9	579.3	647.9	895.5	1722.0	3034.5	4178.5
0°	354.8	402.2	453.7	499.6	548.3	590.0	658.2	905.9	1745.0	3069.8	4213.7
-2.5°	352.4	398.4	447.7	493.1	537.9	579.3	647.9	895.5	1722.0	3034.5	4178.5
-5°	349.0	393.5	440.4	485.1	526.3	567.1	634.7	873.8	1660.1	2937.8	4085.1
-7.5°	344.5	387.6	432.1	476.2	515.7	557.0	623.1	844.4	1564.1	2786.0	3939.0
-10°	339.2	381.7	425.0	468.0	507.3	547.8	609.6	803.5	1427.4	2560.7	3738.5
-12.5°	333.5	375.5	417.3	458.7	497.6	537.0	593.1	751.1	1250.5	2261.5	3487.2
-15°	326.9	368.3	408.8	448.6	486.6	524.6	573.6	687.3	1035.4	1897.7	3174.5
-17.5°	319.6	360.1	399.4	437.6	474.3	510.8	551.9	623.1	859.7	1587.7	2716.2
-20°	311.7	351.0	389.4	425.9	460.9	498.1	538.1	600.5	772.9	1275.4	2201.8



REPORT NUMBER: P558901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	303.2	340.9	378.5	413.5	449.1	485.9	524.3	574.3	676.4	916.1	1690.3
-25°	293.2	330.3	366.5	401.9	436.6	472.2	509.1	546.8	612.9	790.2	1263.4
-27.5°	281.3	319.3	354.1	389.1	422.8	457.1	492.8	529.1	577.8	665.5	879.7
-30°	268.5	307.9	341.0	375.2	407.9	441.0	475.0	510.0	544.9	602.1	734.1
-32.5°	255.3	295.4	327.5	360.1	391.9	423.4	456.4	489.9	523.1	559.8	617.0
-35°	243.6	280.5	313.2	344.1	374.9	405.5	437.3	468.9	500.0	531.5	571.3
-37.5°	233.2	265.8	298.1	327.6	357.0	387.1	417.1	447.3	476.8	505.8	537.0
-40°	221.6	251.2	282.2	310.4	339.0	367.7	396.3	424.8	452.9	480.6	508.0
-42.5°	209.0	237.1	266.6	292.4	319.8	347.4	374.5	401.5	428.1	454.3	480.1
-45°	197.4	221.6	251.0	275.6	299.4	325.8	351.7	377.2	402.4	426.9	451.1
-47.5°	185.5	205.8	232.3	258.2	279.6	302.6	327.7	352.0	375.9	399.0	421.1
-50°	173.3	192.3	212.2	237.6	260.5	280.1	301.6	325.3	348.0	370.1	391.3
-52.5°	161.2	178.4	195.5	215.5	238.6	259.1	276.5	296.1	317.9	339.4	357.3
-55°	148.6	164.2	178.9	195.5	214.6	235.3	251.9	267.6	285.6	305.4	320.8
-57.5°	137.1	149.5	162.2	176.0	192.0	209.2	224.3	238.2	252.8	269.3	283.1
-60°	126.1	135.2	145.6	157.1	169.3	183.4	196.4	209.0	220.7	232.1	246.1
-62.5°	114.5	121.4	129.1	138.6	148.8	158.1	168.8	179.8	190.4	199.5	209.5
-65°	100.4	106.8	112.3	119.5	128.3	135.2	142.5	150.4	159.3	167.3	173.2
-67.5°	86.2	92.4	96.6	99.6	105.6	111.3	116.8	122.4	128.8	137.4	143.5
-70°	70.2	78.0	82.7	85.2	85.8	86.7	90.7	94.4	100.2	110.3	118.3
-72.5°	54.0	61.8	67.8	72.0	72.3	70.8	69.4	68.1	73.9	85.7	95.5
-75°	41.3	46.1	52.2	56.9	58.0	56.3	53.5	51.0	56.2	66.2	75.7
-77.5°	31.1	34.9	38.7	42.5	43.5	42.7	40.9	38.0	42.3	50.3	59.2
-80°	21.7	23.6	26.4	29.2	29.9	29.6	28.7	27.1	30.5	35.5	41.1
-82.5°	14.1	15.3	16.5	17.6	17.7	17.3	16.6	15.9	18.4	21.4	24.6
-85°	7.1	7.0	7.5	8.1	8.3	8.2	7.9	7.4	8.5	9.8	11.1
-87.5°	3.5	3.5	3.4	3.2	3.0	2.7	2.4	2.0	2.1	2.1	2.2
-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: P558901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.4	2.1
85°	12.5	12.1	11.5	10.6	9.6	10.1	10.7	11.3	11.8	11.0	10.2
82.5°	28.1	28.5	28.4	28.4	28.2	29.4	30.6	31.6	32.5	30.0	27.2
80°	47.3	49.6	50.9	52.1	53.1	53.1	52.4	51.2	49.4	45.2	40.5
77.5°	68.4	71.9	73.7	75.5	77.3	77.9	78.4	78.8	79.3	71.9	62.6
75°	84.8	90.1	93.1	96.0	98.6	100.1	100.9	101.4	101.7	92.8	81.4
72.5°	103.4	108.6	112.2	115.8	119.0	121.2	122.4	123.4	124.0	116.3	105.3
70°	124.0	128.0	132.4	136.8	140.8	143.5	145.3	146.8	147.9	147.2	146.6
67.5°	148.3	151.9	157.2	161.3	165.5	168.5	171.6	174.1	176.0	178.0	180.4
65°	178.7	187.3	195.1	199.0	199.6	203.9	211.0	215.6	217.8	219.7	221.9
62.5°	221.0	231.5	237.1	243.7	252.3	260.2	263.3	267.5	272.4	278.3	285.1
60°	257.4	266.0	274.9	284.1	292.0	298.6	305.8	312.9	319.4	325.4	331.2
57.5°	294.5	304.0	313.0	323.8	331.4	335.8	342.8	351.3	357.9	363.0	370.8
55°	333.0	345.2	357.6	367.3	374.4	379.1	384.4	392.6	397.5	399.3	408.3
52.5°	371.7	386.2	401.4	412.8	420.3	427.4	433.9	441.1	446.0	448.4	457.2
50°	407.6	424.8	441.8	456.6	466.6	478.3	491.5	498.0	502.2	506.9	516.7
47.5°	441.7	460.9	479.1	495.8	510.3	523.4	534.8	545.7	561.9	574.7	587.3
45°	474.5	495.0	514.7	533.5	549.6	575.3	599.7	620.4	676.0	722.6	758.2
42.5°	505.4	530.1	552.3	583.6	617.7	676.9	768.3	853.0	1016.8	1227.7	1403.8
40°	537.6	569.7	609.3	670.4	785.9	904.7	1259.8	1576.3	1887.5	2241.5	2544.8
37.5°	575.1	623.5	739.8	877.8	1248.2	1658.0	2161.3	2655.3	3085.5	3453.6	3760.9
35°	624.9	774.3	991.6	1494.4	2041.7	2713.6	3293.7	3758.3	4183.3	4524.3	4781.0
32.5°	771.5	1045.0	1618.9	2310.4	3063.3	3712.4	4277.3	4722.2	5109.9	5415.6	5653.6
30°	986.1	1614.7	2394.2	3222.4	3972.3	4592.0	5114.1	5538.1	5884.2	6195.2	6456.3
27.5°	1496.3	2305.1	3221.3	4066.0	4748.1	5328.4	5796.7	6216.7	6598.2	6925.7	7234.4
25°	2054.6	3055.8	3979.9	4748.7	5385.3	5929.7	6423.6	6883.0	7310.1	7693.4	8052.5
22.5°	2725.0	3723.5	4606.7	5318.2	5935.1	6494.4	7019.0	7530.3	8027.4	8495.2	8929.7
20°	3332.0	4312.0	5082.1	5792.8	6433.7	7016.4	7594.5	8190.5	8764.2	9327.7	9850.9
17.5°	3805.0	4716.7	5489.8	6210.2	6862.5	7522.5	8184.1	8868.6	9560.7	10215.0	10840.8
15°	4200.0	5054.3	5837.8	6558.1	7275.3	8003.4	8742.6	9549.0	10372.3	11155.4	11953.1
12.5°	4480.0	5336.0	6130.4	6853.1	7657.2	8447.6	9308.1	10227.1	11177.8	12090.1	13070.0
10°	4705.1	5560.7	6348.5	7127.7	7978.6	8855.1	9820.2	10832.5	11967.0	13047.2	14102.9
7.5°	4898.2	5748.3	6523.7	7351.6	8246.2	9209.5	10259.1	11403.6	12631.3	13833.3	15090.0
5°	5039.6	5876.1	6659.8	7535.2	8451.9	9468.4	10597.7	11820.5	13137.2	14454.3	15697.0
2.5°	5114.4	5949.0	6744.4	7649.1	8572.5	9625.2	10801.4	12097.6	13488.3	14925.4	16150.7
0°	5112.6	5979.6	6776.9	7726.0	8661.1	9672.8	10889.0	12275.0	13631.8	15124.9	16382.9
-2.5°	5114.4	5949.0	6744.4	7649.1	8572.5	9625.2	10801.4	12097.6	13488.3	14925.4	16150.7
-5°	5039.6	5876.1	6659.8	7535.2	8451.9	9468.4	10597.7	11820.5	13137.2	14454.3	15697.0
-7.5°	4898.2	5748.3	6523.7	7351.6	8246.2	9209.5	10259.1	11403.6	12631.3	13833.3	15090.0
-10°	4705.1	5560.7	6348.5	7127.7	7978.6	8855.1	9820.2	10832.5	11967.0	13047.2	14102.9
-12.5°	4480.0	5336.0	6130.4	6853.1	7657.2	8447.6	9308.1	10227.1	11177.8	12090.1	13070.0
-15°	4200.0	5054.3	5837.8	6558.1	7275.3	8003.4	8742.6	9549.0	10372.3	11155.4	11953.1
-17.5°	3805.0	4716.7	5489.8	6210.2	6862.5	7522.5	8184.1	8868.6	9560.7	10215.0	10840.8
-20°	3332.0	4312.0	5082.1	5792.8	6433.7	7016.4	7594.5	8190.5	8764.2	9327.7	9850.9



REPORT NUMBER: P558901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2725.0	3723.5	4606.7	5318.2	5935.1	6494.4	7019.0	7530.3	8027.4	8495.2	8929.7
-25°	2054.6	3055.8	3979.9	4748.7	5385.3	5929.7	6423.6	6883.0	7310.1	7693.4	8052.5
-27.5°	1496.3	2305.1	3221.3	4066.0	4748.1	5328.4	5796.7	6216.7	6598.2	6925.7	7234.4
-30°	986.1	1614.7	2394.2	3222.4	3972.3	4592.0	5114.1	5538.1	5884.2	6195.2	6456.3
-32.5°	771.5	1045.0	1618.9	2310.4	3063.3	3712.4	4277.3	4722.2	5109.9	5415.6	5653.6
-35°	624.9	774.3	991.6	1494.4	2041.7	2713.6	3293.7	3758.3	4183.3	4524.3	4781.0
-37.5°	575.1	623.5	739.8	877.8	1248.2	1658.0	2161.3	2655.3	3085.5	3453.6	3760.9
-40°	537.6	569.7	609.3	670.4	785.9	904.7	1259.8	1576.3	1887.5	2241.5	2544.8
-42.5°	505.4	530.1	552.3	583.6	617.7	676.9	768.3	853.0	1016.8	1227.7	1403.8
-45°	474.5	495.0	514.7	533.5	549.6	575.3	599.7	620.4	676.0	722.6	758.2
-47.5°	441.7	460.9	479.1	495.8	510.3	523.4	534.8	545.7	561.9	574.7	587.3
-50°	407.6	424.8	441.8	456.6	466.6	478.3	491.5	498.0	502.2	506.9	516.7
-52.5°	371.7	386.2	401.4	412.8	420.3	427.4	433.9	441.1	446.0	448.4	457.2
-55°	333.0	345.2	357.6	367.3	374.4	379.1	384.4	392.6	397.5	399.3	408.3
-57.5°	294.5	304.0	313.0	323.8	331.4	335.8	342.8	351.3	357.9	363.0	370.8
-60°	257.4	266.0	274.9	284.1	292.0	298.6	305.8	312.9	319.4	325.4	331.2
-62.5°	221.0	231.5	237.1	243.7	252.3	260.2	263.3	267.5	272.4	278.3	285.1
-65°	178.7	187.3	195.1	199.0	199.6	203.9	211.0	215.6	217.8	219.7	221.9
-67.5°	148.3	151.9	157.2	161.3	165.5	168.5	171.6	174.1	176.0	178.0	180.4
-70°	124.0	128.0	132.4	136.8	140.8	143.5	145.3	146.8	147.9	147.2	146.6
-72.5°	103.4	108.6	112.2	115.8	119.0	121.2	122.4	123.4	124.0	116.3	105.3
-75°	84.8	90.1	93.1	96.0	98.6	100.1	100.9	101.4	101.7	92.8	81.4
-77.5°	68.4	71.9	73.7	75.5	77.3	77.9	78.4	78.8	79.3	71.9	62.6
-80°	47.3	49.6	50.9	52.1	53.1	53.1	52.4	51.2	49.4	45.2	40.5
-82.5°	28.1	28.5	28.4	28.4	28.2	29.4	30.6	31.6	32.5	30.0	27.2
-85°	12.5	12.1	11.5	10.6	9.6	10.1	10.7	11.3	11.8	11.0	10.2
-87.5°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.4	2.1
-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: P558901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	1.7	1.4	1.4	1.4	1.4	1.4	1.7	2.1	2.4	2.7	2.7
85°	9.2	8.3	8.3	8.3	8.3	8.3	9.2	10.2	11.0	11.8	11.3
82.5°	24.1	20.8	20.9	20.9	20.9	20.8	24.1	27.2	30.0	32.5	31.6
80°	35.7	30.6	31.2	32.0	31.2	30.6	35.7	40.5	45.2	49.4	51.2
77.5°	52.5	42.0	41.6	41.7	41.6	42.0	52.5	62.6	71.9	79.3	78.8
75°	69.7	57.6	57.0	57.1	57.0	57.6	69.7	81.4	92.8	101.7	101.4
72.5°	94.1	82.6	77.3	72.4	77.3	82.6	94.1	105.3	116.3	124.0	123.4
70°	146.7	147.0	141.9	135.0	141.9	147.0	146.7	146.6	147.2	147.9	146.8
67.5°	182.3	183.8	186.0	187.9	186.0	183.8	182.3	180.4	178.0	176.0	174.1
65°	222.9	222.8	223.6	224.0	223.6	222.8	222.9	221.9	219.7	217.8	215.6
62.5°	291.0	295.6	299.0	300.6	299.0	295.6	291.0	285.1	278.3	272.4	267.5
60°	336.0	339.8	345.3	350.7	345.3	339.8	336.0	331.2	325.4	319.4	312.9
57.5°	378.0	384.5	389.9	393.8	389.9	384.5	378.0	370.8	363.0	357.9	351.3
55°	416.9	424.5	431.7	438.3	431.7	424.5	416.9	408.3	399.3	397.5	392.6
52.5°	465.7	471.9	482.3	495.4	482.3	471.9	465.7	457.2	448.4	446.0	441.1
50°	528.1	537.5	550.6	566.4	550.6	537.5	528.1	516.7	506.9	502.2	498.0
47.5°	600.2	609.7	622.2	638.7	622.2	609.7	600.2	587.3	574.7	561.9	545.7
45°	790.8	813.1	833.4	855.8	833.4	813.1	790.8	758.2	722.6	676.0	620.4
42.5°	1545.0	1642.6	1684.8	1660.1	1684.8	1642.6	1545.0	1403.8	1227.7	1016.8	853.0
40°	2776.1	2938.3	3033.8	3067.0	3033.8	2938.3	2776.1	2544.8	2241.5	1887.5	1576.3
37.5°	3985.3	4134.7	4215.3	4224.8	4215.3	4134.7	3985.3	3760.9	3453.6	3085.5	2655.3
35°	4966.4	5089.4	5162.3	5217.0	5162.3	5089.4	4966.4	4781.0	4524.3	4183.3	3758.3
32.5°	5847.3	5987.5	6068.5	6050.5	6068.5	5987.5	5847.3	5653.6	5415.6	5109.9	4722.2
30°	6670.3	6823.7	6918.9	6921.6	6918.9	6823.7	6670.3	6456.3	6195.2	5884.2	5538.1
27.5°	7484.0	7656.1	7755.4	7833.1	7755.4	7656.1	7484.0	7234.4	6925.7	6598.2	6216.7
25°	8352.0	8566.5	8693.9	8771.0	8693.9	8566.5	8352.0	8052.5	7693.4	7310.1	6883.0
22.5°	9287.9	9553.6	9728.3	9800.8	9728.3	9553.6	9287.9	8929.7	8495.2	8027.4	7530.3
20°	10305.9	10635.2	10858.1	10851.4	10858.1	10635.2	10305.9	9850.9	9327.7	8764.2	8190.5
17.5°	11441.8	11866.6	12154.1	12195.7	12154.1	11866.6	11441.8	10840.8	10215.0	9560.7	8868.6
15°	12659.6	13207.3	13579.2	13694.4	13579.2	13207.3	12659.6	11953.1	11155.4	10372.3	9549.0
12.5°	13907.6	14559.0	15054.7	15219.6	15054.7	14559.0	13907.6	13070.0	12090.1	11177.8	10227.1
10°	15096.6	15818.2	16356.2	16594.4	16356.2	15818.2	15096.6	14102.9	13047.2	11967.0	10832.5
7.5°	16090.6	16823.8	17378.0	17574.1	17378.0	16823.8	16090.6	15090.0	13833.3	12631.3	11403.6
5°	16745.5	17546.5	17977.4	18219.8	17977.4	17546.5	16745.5	15697.0	14454.3	13137.2	11820.5
2.5°	17183.1	17862.3	18298.7	18521.7	18298.7	17862.3	17183.1	16150.7	14925.4	13488.3	12097.6
0°	17415.4	18107.1	18427.1	18535.7	18427.1	18107.1	17415.4	16382.9	15124.9	13631.8	12275.0
-2.5°	17183.1	17862.3	18298.7	18521.7	18298.7	17862.3	17183.1	16150.7	14925.4	13488.3	12097.6
-5°	16745.5	17546.5	17977.4	18219.8	17977.4	17546.5	16745.5	15697.0	14454.3	13137.2	11820.5
-7.5°	16090.6	16823.8	17378.0	17574.1	17378.0	16823.8	16090.6	15090.0	13833.3	12631.3	11403.6
-10°	15096.6	15818.2	16356.2	16594.4	16356.2	15818.2	15096.6	14102.9	13047.2	11967.0	10832.5
-12.5°	13907.6	14559.0	15054.7	15219.6	15054.7	14559.0	13907.6	13070.0	12090.1	11177.8	10227.1
-15°	12659.6	13207.3	13579.2	13694.4	13579.2	13207.3	12659.6	11953.1	11155.4	10372.3	9549.0
-17.5°	11441.8	11866.6	12154.1	12195.7	12154.1	11866.6	11441.8	10840.8	10215.0	9560.7	8868.6
-20°	10305.9	10635.2	10858.1	10851.4	10858.1	10635.2	10305.9	9850.9	9327.7	8764.2	8190.5



REPORT NUMBER: P558901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	9287.9	9553.6	9728.3	9800.8	9728.3	9553.6	9287.9	8929.7	8495.2	8027.4	7530.3
-25°	8352.0	8566.5	8693.9	8771.0	8693.9	8566.5	8352.0	8052.5	7693.4	7310.1	6883.0
-27.5°	7484.0	7656.1	7755.4	7833.1	7755.4	7656.1	7484.0	7234.4	6925.7	6598.2	6216.7
-30°	6670.3	6823.7	6918.9	6921.6	6918.9	6823.7	6670.3	6456.3	6195.2	5884.2	5538.1
-32.5°	5847.3	5987.5	6068.5	6050.5	6068.5	5987.5	5847.3	5653.6	5415.6	5109.9	4722.2
-35°	4966.4	5089.4	5162.3	5217.0	5162.3	5089.4	4966.4	4781.0	4524.3	4183.3	3758.3
-37.5°	3985.3	4134.7	4215.3	4224.8	4215.3	4134.7	3985.3	3760.9	3453.6	3085.5	2655.3
-40°	2776.1	2938.3	3033.8	3067.0	3033.8	2938.3	2776.1	2544.8	2241.5	1887.5	1576.3
-42.5°	1545.0	1642.6	1684.8	1660.1	1684.8	1642.6	1545.0	1403.8	1227.7	1016.8	853.0
-45°	790.8	813.1	833.4	855.8	833.4	813.1	790.8	758.2	722.6	676.0	620.4
-47.5°	600.2	609.7	622.2	638.7	622.2	609.7	600.2	587.3	574.7	561.9	545.7
-50°	528.1	537.5	550.6	566.4	550.6	537.5	528.1	516.7	506.9	502.2	498.0
-52.5°	465.7	471.9	482.3	495.4	482.3	471.9	465.7	457.2	448.4	446.0	441.1
-55°	416.9	424.5	431.7	438.3	431.7	424.5	416.9	408.3	399.3	397.5	392.6
-57.5°	378.0	384.5	389.9	393.8	389.9	384.5	378.0	370.8	363.0	357.9	351.3
-60°	336.0	339.8	345.3	350.7	345.3	339.8	336.0	331.2	325.4	319.4	312.9
-62.5°	291.0	295.6	299.0	300.6	299.0	295.6	291.0	285.1	278.3	272.4	267.5
-65°	222.9	222.8	223.6	224.0	223.6	222.8	222.9	221.9	219.7	217.8	215.6
-67.5°	182.3	183.8	186.0	187.9	186.0	183.8	182.3	180.4	178.0	176.0	174.1
-70°	146.7	147.0	141.9	135.0	141.9	147.0	146.7	146.6	147.2	147.9	146.8
-72.5°	94.1	82.6	77.3	72.4	77.3	82.6	94.1	105.3	116.3	124.0	123.4
-75°	69.7	57.6	57.0	57.1	57.0	57.6	69.7	81.4	92.8	101.7	101.4
-77.5°	52.5	42.0	41.6	41.7	41.6	42.0	52.5	62.6	71.9	79.3	78.8
-80°	35.7	30.6	31.2	32.0	31.2	30.6	35.7	40.5	45.2	49.4	51.2
-82.5°	24.1	20.8	20.9	20.9	20.9	20.8	24.1	27.2	30.0	32.5	31.6
-85°	9.2	8.3	8.3	8.3	8.3	8.3	9.2	10.2	11.0	11.8	11.3
-87.5°	1.7	1.4	1.4	1.4	1.4	1.4	1.7	2.1	2.4	2.7	2.7
-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: P558901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
85°	10.7	10.1	9.6	10.6	11.5	12.1	12.5	11.1	9.8	8.5	7.4
82.5°	30.6	29.4	28.2	28.4	28.4	28.5	28.1	24.6	21.4	18.4	15.9
80°	52.4	53.1	53.1	52.1	50.9	49.6	47.3	41.1	35.5	30.5	27.1
77.5°	78.4	77.9	77.3	75.5	73.7	71.9	68.4	59.2	50.3	42.3	38.0
75°	100.9	100.1	98.6	96.0	93.1	90.1	84.8	75.7	66.2	56.2	51.0
72.5°	122.4	121.2	119.0	115.8	112.2	108.6	103.4	95.5	85.7	73.9	68.1
70°	145.3	143.5	140.8	136.8	132.4	128.0	124.0	118.3	110.3	100.2	94.4
67.5°	171.6	168.5	165.5	161.3	157.2	151.9	148.3	143.5	137.4	128.8	122.4
65°	211.0	203.9	199.6	199.0	195.1	187.3	178.7	173.2	167.3	159.3	150.4
62.5°	263.3	260.2	252.3	243.7	237.1	231.5	221.0	209.5	199.5	190.4	179.8
60°	305.8	298.6	292.0	284.1	274.9	266.0	257.4	246.1	232.1	220.7	209.0
57.5°	342.8	335.8	331.4	323.8	313.0	304.0	294.5	283.1	269.3	252.8	238.2
55°	384.4	379.1	374.4	367.3	357.6	345.2	333.0	320.8	305.4	285.6	267.6
52.5°	433.9	427.4	420.3	412.8	401.4	386.2	371.7	357.3	339.4	317.9	296.1
50°	491.5	478.3	466.6	456.6	441.8	424.8	407.6	391.3	370.1	348.0	325.3
47.5°	534.8	523.4	510.3	495.8	479.1	460.9	441.7	421.1	399.0	375.9	352.0
45°	599.7	575.3	549.6	533.5	514.7	495.0	474.5	451.1	426.9	402.4	377.2
42.5°	768.3	676.9	617.7	583.6	552.3	530.1	505.4	480.1	454.3	428.1	401.5
40°	1259.8	904.7	785.9	670.4	609.3	569.7	537.6	508.0	480.6	452.9	424.8
37.5°	2161.3	1658.0	1248.2	877.8	739.8	623.5	575.1	537.0	505.8	476.8	447.3
35°	3293.7	2713.6	2041.7	1494.4	991.6	774.3	624.9	571.3	531.5	500.0	468.9
32.5°	4277.3	3712.4	3063.3	2310.4	1618.9	1045.0	771.5	617.0	559.8	523.1	489.9
30°	5114.1	4592.0	3972.3	3222.4	2394.2	1614.7	986.1	734.1	602.1	544.9	510.0
27.5°	5796.7	5328.4	4748.1	4066.0	3221.3	2305.1	1496.3	879.7	665.5	577.8	529.1
25°	6423.6	5929.7	5385.3	4748.7	3979.9	3055.8	2054.6	1263.4	790.2	612.9	546.8
22.5°	7019.0	6494.4	5935.1	5318.2	4606.7	3723.5	2725.0	1690.3	916.1	676.4	574.3
20°	7594.5	7016.4	6433.7	5792.8	5082.1	4312.0	3332.0	2201.8	1275.4	772.9	600.5
17.5°	8184.1	7522.5	6862.5	6210.2	5489.8	4716.7	3805.0	2716.2	1587.7	859.7	623.1
15°	8742.6	8003.4	7275.3	6558.1	5837.8	5054.3	4200.0	3174.5	1897.7	1035.4	687.3
12.5°	9308.1	8447.6	7657.2	6853.1	6130.4	5336.0	4480.0	3487.2	2261.5	1250.5	751.1
10°	9820.2	8855.1	7978.6	7127.7	6348.5	5560.7	4705.1	3738.5	2560.7	1427.4	803.5
7.5°	10259.1	9209.5	8246.2	7351.6	6523.7	5748.3	4898.2	3939.0	2786.0	1564.1	844.4
5°	10597.7	9468.4	8451.9	7535.2	6659.8	5876.1	5039.6	4085.1	2937.8	1660.1	873.8
2.5°	10801.4	9625.2	8572.5	7649.1	6744.4	5949.0	5114.4	4178.5	3034.5	1722.0	895.5
0°	10889.0	9672.8	8661.1	7726.0	6776.9	5979.6	5112.6	4213.7	3069.8	1745.0	905.9
-2.5°	10801.4	9625.2	8572.5	7649.1	6744.4	5949.0	5114.4	4178.5	3034.5	1722.0	895.5
-5°	10597.7	9468.4	8451.9	7535.2	6659.8	5876.1	5039.6	4085.1	2937.8	1660.1	873.8
-7.5°	10259.1	9209.5	8246.2	7351.6	6523.7	5748.3	4898.2	3939.0	2786.0	1564.1	844.4
-10°	9820.2	8855.1	7978.6	7127.7	6348.5	5560.7	4705.1	3738.5	2560.7	1427.4	803.5
-12.5°	9308.1	8447.6	7657.2	6853.1	6130.4	5336.0	4480.0	3487.2	2261.5	1250.5	751.1
-15°	8742.6	8003.4	7275.3	6558.1	5837.8	5054.3	4200.0	3174.5	1897.7	1035.4	687.3
-17.5°	8184.1	7522.5	6862.5	6210.2	5489.8	4716.7	3805.0	2716.2	1587.7	859.7	623.1
-20°	7594.5	7016.4	6433.7	5792.8	5082.1	4312.0	3332.0	2201.8	1275.4	772.9	600.5



REPORT NUMBER: P558901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7019.0	6494.4	5935.1	5318.2	4606.7	3723.5	2725.0	1690.3	916.1	676.4	574.3
-25°	6423.6	5929.7	5385.3	4748.7	3979.9	3055.8	2054.6	1263.4	790.2	612.9	546.8
-27.5°	5796.7	5328.4	4748.1	4066.0	3221.3	2305.1	1496.3	879.7	665.5	577.8	529.1
-30°	5114.1	4592.0	3972.3	3222.4	2394.2	1614.7	986.1	734.1	602.1	544.9	510.0
-32.5°	4277.3	3712.4	3063.3	2310.4	1618.9	1045.0	771.5	617.0	559.8	523.1	489.9
-35°	3293.7	2713.6	2041.7	1494.4	991.6	774.3	624.9	571.3	531.5	500.0	468.9
-37.5°	2161.3	1658.0	1248.2	877.8	739.8	623.5	575.1	537.0	505.8	476.8	447.3
-40°	1259.8	904.7	785.9	670.4	609.3	569.7	537.6	508.0	480.6	452.9	424.8
-42.5°	768.3	676.9	617.7	583.6	552.3	530.1	505.4	480.1	454.3	428.1	401.5
-45°	599.7	575.3	549.6	533.5	514.7	495.0	474.5	451.1	426.9	402.4	377.2
-47.5°	534.8	523.4	510.3	495.8	479.1	460.9	441.7	421.1	399.0	375.9	352.0
-50°	491.5	478.3	466.6	456.6	441.8	424.8	407.6	391.3	370.1	348.0	325.3
-52.5°	433.9	427.4	420.3	412.8	401.4	386.2	371.7	357.3	339.4	317.9	296.1
-55°	384.4	379.1	374.4	367.3	357.6	345.2	333.0	320.8	305.4	285.6	267.6
-57.5°	342.8	335.8	331.4	323.8	313.0	304.0	294.5	283.1	269.3	252.8	238.2
-60°	305.8	298.6	292.0	284.1	274.9	266.0	257.4	246.1	232.1	220.7	209.0
-62.5°	263.3	260.2	252.3	243.7	237.1	231.5	221.0	209.5	199.5	190.4	179.8
-65°	211.0	203.9	199.6	199.0	195.1	187.3	178.7	173.2	167.3	159.3	150.4
-67.5°	171.6	168.5	165.5	161.3	157.2	151.9	148.3	143.5	137.4	128.8	122.4
-70°	145.3	143.5	140.8	136.8	132.4	128.0	124.0	118.3	110.3	100.2	94.4
-72.5°	122.4	121.2	119.0	115.8	112.2	108.6	103.4	95.5	85.7	73.9	68.1
-75°	100.9	100.1	98.6	96.0	93.1	90.1	84.8	75.7	66.2	56.2	51.0
-77.5°	78.4	77.9	77.3	75.5	73.7	71.9	68.4	59.2	50.3	42.3	38.0
-80°	52.4	53.1	53.1	52.1	50.9	49.6	47.3	41.1	35.5	30.5	27.1
-82.5°	30.6	29.4	28.2	28.4	28.4	28.5	28.1	24.6	21.4	18.4	15.9
-85°	10.7	10.1	9.6	10.6	11.5	12.1	12.5	11.1	9.8	8.5	7.4
-87.5°	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	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: P558901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	2.4	2.7	3.0	3.2	3.4	3.5	3.5	3.5	3.3	3.1	2.8
85°	7.9	8.2	8.3	8.1	7.5	7.0	7.1	7.0	6.6	6.2	5.6
82.5°	16.6	17.3	17.7	17.6	16.5	15.3	14.1	12.8	11.4	9.5	8.4
80°	28.7	29.6	29.9	29.2	26.4	23.6	21.7	19.9	18.5	16.4	13.7
77.5°	40.9	42.7	43.5	42.5	38.7	34.9	31.1	27.7	25.6	23.4	20.4
75°	53.5	56.3	58.0	56.9	52.2	46.1	41.3	37.3	34.4	30.6	27.0
72.5°	69.4	70.8	72.3	72.0	67.8	61.8	54.0	47.0	43.8	39.4	34.0
70°	90.7	86.7	85.8	85.2	82.7	78.0	70.2	60.9	53.3	48.4	42.3
67.5°	116.8	111.3	105.6	99.6	96.6	92.4	86.2	75.4	65.3	57.4	50.6
65°	142.5	135.2	128.3	119.5	112.3	106.8	100.4	88.9	76.8	66.8	58.9
62.5°	168.8	158.1	148.8	138.6	129.1	121.4	114.5	101.5	87.9	75.8	66.4
60°	196.4	183.4	169.3	157.1	145.6	135.2	126.1	113.8	99.1	84.3	73.2
57.5°	224.3	209.2	192.0	176.0	162.2	149.5	137.1	124.6	110.2	93.8	79.3
55°	251.9	235.3	214.6	195.5	178.9	164.2	148.6	134.5	120.6	103.5	83.7
52.5°	276.5	259.1	238.6	215.5	195.5	178.4	161.2	144.3	129.4	113.0	89.7
50°	301.6	280.1	260.5	237.6	212.2	192.3	173.3	155.1	138.1	121.8	95.3
47.5°	327.7	302.6	279.6	258.2	232.3	205.8	185.5	165.6	146.5	129.3	100.3
45°	351.7	325.8	299.4	275.6	251.0	221.6	197.4	175.8	155.6	133.1	104.5
42.5°	374.5	347.4	319.8	292.4	266.6	237.1	209.0	186.2	164.3	136.0	107.5
40°	396.3	367.7	339.0	310.4	282.2	251.2	221.6	196.2	172.0	138.6	109.4
37.5°	417.1	387.1	357.0	327.6	298.1	265.8	233.2	205.8	175.8	141.5	110.8
35°	437.3	405.5	374.9	344.1	313.2	280.5	243.6	215.0	181.4	143.9	111.6
32.5°	456.4	423.4	391.9	360.1	327.5	295.4	255.3	223.4	188.3	145.8	111.8
30°	475.0	441.0	407.9	375.2	341.0	307.9	268.5	231.7	196.2	147.3	111.8
27.5°	492.8	457.1	422.8	389.1	354.1	319.3	281.3	239.8	205.2	150.2	112.5
25°	509.1	472.2	436.6	401.9	366.5	330.3	293.2	247.8	212.7	156.2	112.8
22.5°	524.3	485.9	449.1	413.5	378.5	340.9	303.2	257.6	218.8	162.5	112.7
20°	538.1	498.1	460.9	425.9	389.4	351.0	311.7	266.5	224.6	168.9	112.1
17.5°	551.9	510.8	474.3	437.6	399.4	360.1	319.6	274.4	229.9	175.3	111.0
15°	573.6	524.6	486.6	448.6	408.8	368.3	326.9	281.4	234.8	181.3	110.7
12.5°	593.1	537.0	497.6	458.7	417.3	375.5	333.5	287.4	239.1	185.5	111.2
10°	609.6	547.8	507.3	468.0	425.0	381.7	339.2	292.5	242.7	187.2	110.9
7.5°	623.1	557.0	515.7	476.2	432.1	387.6	344.5	296.8	246.2	187.4	110.0
5°	634.7	567.1	526.3	485.1	440.4	393.5	349.0	300.0	249.3	186.1	108.6
2.5°	647.9	579.3	537.9	493.1	447.7	398.4	352.4	302.2	251.8	183.5	106.7
0°	658.2	590.0	548.3	499.6	453.7	402.2	354.8	303.4	253.3	179.5	104.4
-2.5°	647.9	579.3	537.9	493.1	447.7	398.4	352.4	302.2	251.8	183.5	106.7
-5°	634.7	567.1	526.3	485.1	440.4	393.5	349.0	300.0	249.3	186.1	108.6
-7.5°	623.1	557.0	515.7	476.2	432.1	387.6	344.5	296.8	246.2	187.4	110.0
-10°	609.6	547.8	507.3	468.0	425.0	381.7	339.2	292.5	242.7	187.2	110.9
-12.5°	593.1	537.0	497.6	458.7	417.3	375.5	333.5	287.4	239.1	185.5	111.2
-15°	573.6	524.6	486.6	448.6	408.8	368.3	326.9	281.4	234.8	181.3	110.7
-17.5°	551.9	510.8	474.3	437.6	399.4	360.1	319.6	274.4	229.9	175.3	111.0
-20°	538.1	498.1	460.9	425.9	389.4	351.0	311.7	266.5	224.6	168.9	112.1



REPORT NUMBER: P558901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	524.3	485.9	449.1	413.5	378.5	340.9	303.2	257.6	218.8	162.5	112.7
-25°	509.1	472.2	436.6	401.9	366.5	330.3	293.2	247.8	212.7	156.2	112.8
-27.5°	492.8	457.1	422.8	389.1	354.1	319.3	281.3	239.8	205.2	150.2	112.5
-30°	475.0	441.0	407.9	375.2	341.0	307.9	268.5	231.7	196.2	147.3	111.8
-32.5°	456.4	423.4	391.9	360.1	327.5	295.4	255.3	223.4	188.3	145.8	111.8
-35°	437.3	405.5	374.9	344.1	313.2	280.5	243.6	215.0	181.4	143.9	111.6
-37.5°	417.1	387.1	357.0	327.6	298.1	265.8	233.2	205.8	175.8	141.5	110.8
-40°	396.3	367.7	339.0	310.4	282.2	251.2	221.6	196.2	172.0	138.6	109.4
-42.5°	374.5	347.4	319.8	292.4	266.6	237.1	209.0	186.2	164.3	136.0	107.5
-45°	351.7	325.8	299.4	275.6	251.0	221.6	197.4	175.8	155.6	133.1	104.5
-47.5°	327.7	302.6	279.6	258.2	232.3	205.8	185.5	165.6	146.5	129.3	100.3
-50°	301.6	280.1	260.5	237.6	212.2	192.3	173.3	155.1	138.1	121.8	95.3
-52.5°	276.5	259.1	238.6	215.5	195.5	178.4	161.2	144.3	129.4	113.0	89.7
-55°	251.9	235.3	214.6	195.5	178.9	164.2	148.6	134.5	120.6	103.5	83.7
-57.5°	224.3	209.2	192.0	176.0	162.2	149.5	137.1	124.6	110.2	93.8	79.3
-60°	196.4	183.4	169.3	157.1	145.6	135.2	126.1	113.8	99.1	84.3	73.2
-62.5°	168.8	158.1	148.8	138.6	129.1	121.4	114.5	101.5	87.9	75.8	66.4
-65°	142.5	135.2	128.3	119.5	112.3	106.8	100.4	88.9	76.8	66.8	58.9
-67.5°	116.8	111.3	105.6	99.6	96.6	92.4	86.2	75.4	65.3	57.4	50.6
-70°	90.7	86.7	85.8	85.2	82.7	78.0	70.2	60.9	53.3	48.4	42.3
-72.5°	69.4	70.8	72.3	72.0	67.8	61.8	54.0	47.0	43.8	39.4	34.0
-75°	53.5	56.3	58.0	56.9	52.2	46.1	41.3	37.3	34.4	30.6	27.0
-77.5°	40.9	42.7	43.5	42.5	38.7	34.9	31.1	27.7	25.6	23.4	20.4
-80°	28.7	29.6	29.9	29.2	26.4	23.6	21.7	19.9	18.5	16.4	13.7
-82.5°	16.6	17.3	17.7	17.6	16.5	15.3	14.1	12.8	11.4	9.5	8.4
-85°	7.9	8.2	8.3	8.1	7.5	7.0	7.1	7.0	6.6	6.2	5.6
-87.5°	2.4	2.7	3.0	3.2	3.4	3.5	3.5	3.5	3.3	3.1	2.8
-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: P558901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	2.5	2.0	1.4	1.0	0.6	0.3	0.0
85°	5.0	3.9	2.9	2.0	1.2	0.6	0.0
82.5°	7.5	5.8	4.3	3.0	1.8	0.9	0.0
80°	10.4	7.7	5.7	4.0	2.4	1.2	0.0
77.5°	16.3	10.6	7.1	4.9	3.0	1.5	0.0
75°	22.1	15.1	8.9	5.9	3.6	1.8	0.0
72.5°	27.8	19.5	12.1	6.8	4.2	2.1	0.0
70°	33.4	23.8	15.4	8.0	4.8	2.4	0.0
67.5°	40.0	28.0	18.5	10.1	5.4	2.7	0.0
65°	46.4	32.4	21.5	12.2	5.9	3.0	0.0
62.5°	52.4	37.1	24.4	14.3	6.5	3.2	0.0
60°	58.1	41.6	27.1	16.2	7.0	3.5	0.0
57.5°	62.1	45.8	30.3	18.1	8.2	3.8	0.0
55°	65.4	49.8	33.3	19.9	9.4	4.0	0.0
52.5°	68.2	53.2	36.1	21.6	10.6	4.3	0.0
50°	70.5	54.9	38.7	23.1	11.7	4.5	0.0
47.5°	72.7	56.3	41.2	24.7	12.7	4.7	0.0
45°	76.2	57.3	43.4	26.3	13.7	4.9	0.0
42.5°	79.2	58.0	45.4	27.9	14.7	5.2	0.0
40°	81.7	58.3	46.4	29.4	15.6	5.4	0.0
37.5°	83.5	58.3	46.6	31.1	16.5	5.6	0.0
35°	84.9	59.1	46.5	32.7	17.3	5.7	0.0
32.5°	85.6	60.0	46.2	34.2	18.0	5.9	0.0
30°	85.5	60.5	45.8	35.7	18.7	6.1	0.0
27.5°	85.0	60.7	46.3	37.2	19.3	6.2	0.0
25°	84.0	60.5	46.8	38.6	19.9	6.3	0.0
22.5°	82.7	60.7	47.3	39.9	20.4	6.5	0.0
20°	81.0	62.2	47.7	41.1	20.9	6.6	0.0
17.5°	81.1	63.6	48.0	42.3	21.3	6.7	0.0
15°	82.3	64.8	48.2	43.3	21.6	6.8	0.0
12.5°	83.3	65.9	48.4	44.3	21.9	6.8	0.0
10°	84.0	66.7	48.5	45.1	22.1	6.9	0.0
7.5°	84.6	67.4	48.6	45.9	22.2	6.9	0.0
5°	84.9	67.8	48.7	46.5	22.3	7.0	0.0
2.5°	85.0	68.1	48.7	47.0	22.3	7.0	0.0
0°	84.9	68.2	48.7	47.3	22.3	7.0	0.0
-2.5°	85.0	68.1	48.7	47.0	22.3	7.0	0.0
-5°	84.9	67.8	48.7	46.5	22.3	7.0	0.0
-7.5°	84.6	67.4	48.6	45.9	22.2	6.9	0.0
-10°	84.0	66.7	48.5	45.1	22.1	6.9	0.0
-12.5°	83.3	65.9	48.4	44.3	21.9	6.8	0.0
-15°	82.3	64.8	48.2	43.3	21.6	6.8	0.0
-17.5°	81.1	63.6	48.0	42.3	21.3	6.7	0.0
-20°	81.0	62.2	47.7	41.1	20.9	6.6	0.0



REPORT NUMBER: P558901 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	82.7	60.7	47.3	39.9	20.4	6.5	0.0
-25°	84.0	60.5	46.8	38.6	19.9	6.3	0.0
-27.5°	85.0	60.7	46.3	37.2	19.3	6.2	0.0
-30°	85.5	60.5	45.8	35.7	18.7	6.1	0.0
-32.5°	85.6	60.0	46.2	34.2	18.0	5.9	0.0
-35°	84.9	59.1	46.5	32.7	17.3	5.7	0.0
-37.5°	83.5	58.3	46.6	31.1	16.5	5.6	0.0
-40°	81.7	58.3	46.4	29.4	15.6	5.4	0.0
-42.5°	79.2	58.0	45.4	27.9	14.7	5.2	0.0
-45°	76.2	57.3	43.4	26.3	13.7	4.9	0.0
-47.5°	72.7	56.3	41.2	24.7	12.7	4.7	0.0
-50°	70.5	54.9	38.7	23.1	11.7	4.5	0.0
-52.5°	68.2	53.2	36.1	21.6	10.6	4.3	0.0
-55°	65.4	49.8	33.3	19.9	9.4	4.0	0.0
-57.5°	62.1	45.8	30.3	18.1	8.2	3.8	0.0
-60°	58.1	41.6	27.1	16.2	7.0	3.5	0.0
-62.5°	52.4	37.1	24.4	14.3	6.5	3.2	0.0
-65°	46.4	32.4	21.5	12.2	5.9	3.0	0.0
-67.5°	40.0	28.0	18.5	10.1	5.4	2.7	0.0
-70°	33.4	23.8	15.4	8.0	4.8	2.4	0.0
-72.5°	27.8	19.5	12.1	6.8	4.2	2.1	0.0
-75°	22.1	15.1	8.9	5.9	3.6	1.8	0.0
-77.5°	16.3	10.6	7.1	4.9	3.0	1.5	0.0
-80°	10.4	7.7	5.7	4.0	2.4	1.2	0.0
-82.5°	7.5	5.8	4.3	3.0	1.8	0.9	0.0
-85°	5.0	3.9	2.9	2.0	1.2	0.6	0.0
-87.5°	2.5	2.0	1.4	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)