

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: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-935-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5C-935-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

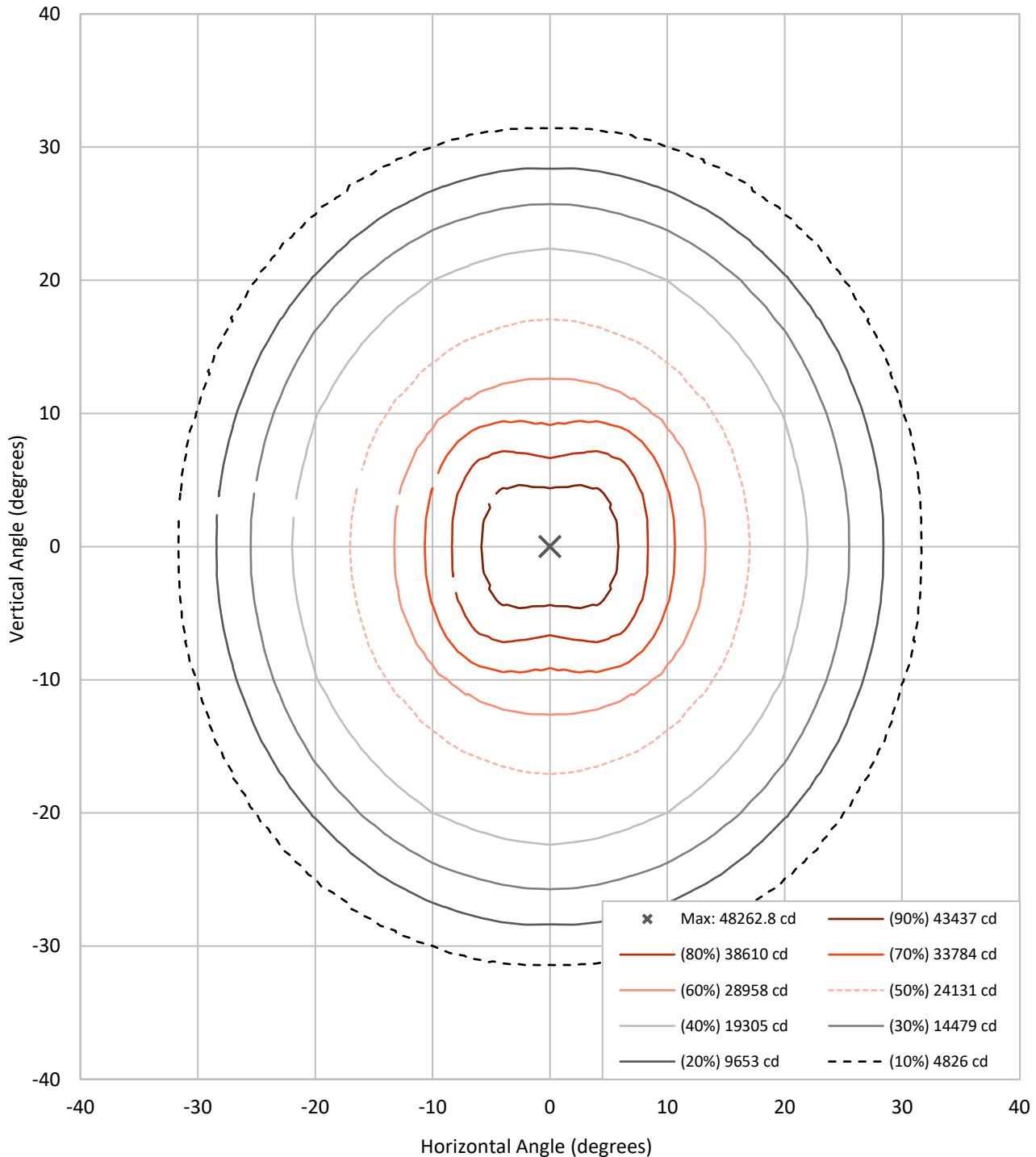
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	21350.2 lumens	Max Intensity:	48262.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	9093.8 lumens	Field Lumens:	18585.9 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 201
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

Iso-Candela Plot





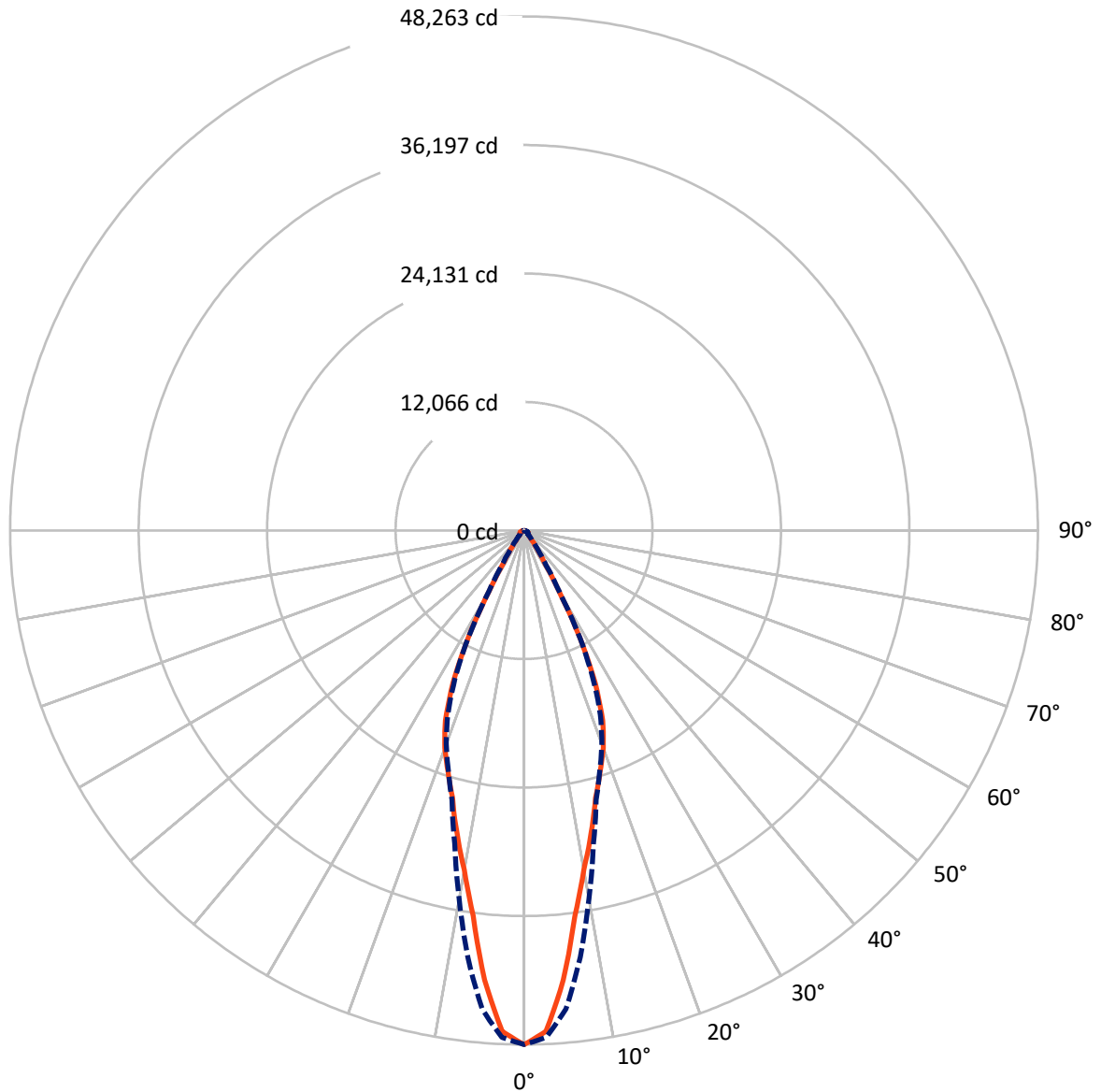
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 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

Lumen Table

90																
80	0.3	2.4		6.6		10.9		12.7		10.9		6.6		2.4		0.3
70																
60	1.1	1.2	2.7	4.7	6.9	8.9	10.4	11.3	11.3	10.4	8.9	6.9	4.7	2.7	1.2	1.1
50		2.0	4.4	7.6	10.3	11.6	12.3	12.6	12.6	12.3	11.6	10.3	7.6	4.4	2.0	
40	2.0	2.8	6.0	9.1	10.6	13.1	16.9	19.4	19.4	16.9	13.1	10.6	9.1	6.0	2.8	2.0
30		3.5	7.1	9.2	13.8	27.2	51.7	79.1	79.1	51.7	27.2	13.8	9.2	7.1	3.5	
20	2.8	4.1	7.3	10.2	25.0	83.0	261.3	430.1	430.1	261.3	83.0	25.0	10.2	7.3	4.1	2.8
10		4.5	7.3	12.6	46.7	246.2	581.9	770.7	770.7	581.9	246.2	46.7	12.6	7.3	4.5	
0	3.0	4.7	7.3	14.6	70.9	387.9	756.8	1194.2	1194.2	756.8	387.9	70.9	14.6	7.3	4.7	3.0
-10		4.7	7.3	14.6	70.9	387.9	756.8	1194.2	1194.2	756.8	387.9	70.9	14.6	7.3	4.7	
-20	2.8	4.5	7.3	12.6	46.7	246.2	581.9	770.7	770.7	581.9	246.2	46.7	12.6	7.3	4.5	2.8
-30		4.1	7.3	10.2	25.0	83.0	261.3	430.1	430.1	261.3	83.0	25.0	10.2	7.3	4.1	
-40	2.0	3.5	7.1	9.2	13.8	27.2	51.7	79.1	79.1	51.7	27.2	13.8	9.2	7.1	3.5	2.0
-50		2.8	6.0	9.1	10.6	13.1	16.9	19.4	19.4	16.9	13.1	10.6	9.1	6.0	2.8	
-60	1.1	2.0	4.4	7.6	10.3	11.6	12.3	12.6	12.6	12.3	11.6	10.3	7.6	4.4	2.0	1.1
-70		1.2	2.7	4.7	6.9	8.9	10.4	11.3	11.3	10.4	8.9	6.9	4.7	2.7	1.2	
-80																
-90	0.3	2.4		6.6		10.9		12.7		10.9		6.6		2.4		0.3

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CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

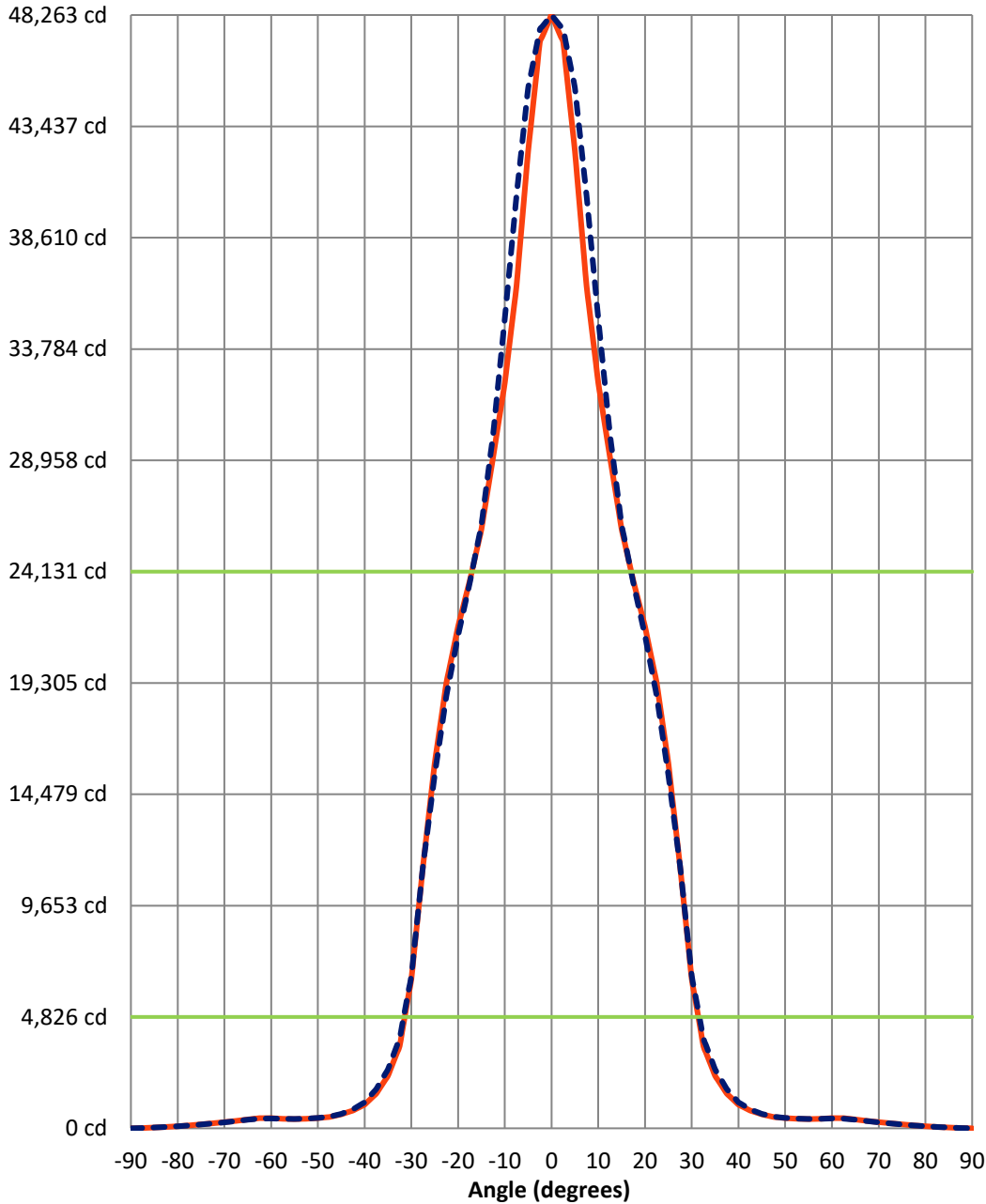
Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 9093.8
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 18585.9
 Efficiency: 87.1%

Spill:
 Lumens: 2764.3
 Efficiency: 12.9%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	4.7	5.2
85°	0.0	1.1	2.1	3.2	4.3	5.3	6.4	7.4	8.4	9.4	10.4
82.5°	0.0	1.6	3.2	4.8	6.4	8.0	9.5	11.1	12.8	15.4	17.7
80°	0.0	2.1	4.3	6.4	8.5	10.6	13.0	16.6	20.1	23.3	26.4
77.5°	0.0	2.7	5.3	8.0	10.6	13.9	18.7	23.2	27.4	31.3	35.3
75°	0.0	3.2	6.4	9.5	13.0	18.5	24.3	29.7	34.7	40.0	45.4
72.5°	0.0	3.7	7.4	11.1	16.5	23.1	29.9	36.2	42.4	48.8	55.4
70°	0.0	4.2	8.4	12.8	20.0	27.6	35.3	42.7	50.0	57.6	67.3
67.5°	0.0	4.7	9.4	15.3	23.5	31.9	40.9	49.2	57.6	68.6	79.5
65°	0.0	5.2	10.4	17.8	26.9	36.5	46.3	55.5	67.3	79.5	92.5
62.5°	0.0	5.7	11.3	20.3	30.2	41.1	51.7	63.2	76.8	90.8	107.5
60°	0.0	6.1	12.3	22.6	33.4	45.7	57.1	71.4	86.1	104.0	122.2
57.5°	0.0	6.6	13.8	24.9	37.1	50.2	63.8	79.4	97.2	117.0	137.3
55°	0.0	7.1	15.3	27.2	40.7	54.7	70.6	87.3	108.4	129.8	152.2
52.5°	0.0	7.5	16.8	29.3	44.2	59.2	77.2	96.6	119.4	142.5	166.5
50°	0.0	7.9	18.3	31.4	47.7	64.5	83.5	105.8	130.0	154.7	181.5
47.5°	0.0	8.3	19.7	33.5	51.1	69.7	89.9	114.6	140.3	166.3	196.3
45°	0.0	8.7	21.0	36.0	54.4	74.6	97.0	123.0	150.1	179.4	210.8
42.5°	0.0	9.1	22.3	38.4	57.5	79.3	103.8	131.2	159.6	192.1	225.8
40°	0.0	9.4	23.6	40.7	60.9	83.8	110.2	139.1	169.3	204.3	240.2
37.5°	0.0	9.8	24.8	42.9	64.3	88.2	116.2	146.8	179.7	216.2	253.9
35°	0.0	10.1	25.9	44.9	67.6	92.7	121.9	154.0	189.4	227.7	267.2
32.5°	0.0	10.4	27.0	46.8	70.6	97.1	127.3	160.9	198.5	238.5	279.9
30°	0.0	10.7	28.0	48.5	73.5	101.2	132.7	167.5	207.0	248.7	291.7
27.5°	0.0	10.9	29.0	50.1	76.0	104.9	137.8	174.4	215.0	258.1	302.7
25°	0.0	11.1	29.9	51.5	78.2	108.4	142.5	180.7	222.6	267.0	312.9
22.5°	0.0	11.4	30.7	52.8	80.2	111.4	146.8	186.4	229.6	275.2	323.1
20°	0.0	11.6	31.5	53.9	82.0	114.0	150.7	191.4	235.8	282.6	332.2
17.5°	0.0	11.7	32.2	54.9	83.5	116.2	154.1	195.9	241.3	289.2	340.1
15°	0.0	11.9	32.8	55.6	84.9	118.2	157.2	199.8	246.2	294.9	347.0
12.5°	0.0	12.0	33.3	56.3	86.0	119.8	159.7	203.2	250.1	299.7	352.7
10°	0.0	12.1	33.8	56.8	86.9	121.0	161.9	206.0	253.3	304.1	357.9
7.5°	0.0	12.2	34.2	57.1	87.5	122.0	163.6	208.1	255.6	307.7	363.1
5°	0.0	12.3	34.5	57.3	87.9	122.6	164.8	209.7	257.1	310.4	367.4
2.5°	0.0	12.3	34.7	57.4	88.1	122.9	165.6	210.6	257.9	312.3	370.6
0°	0.0	12.3	34.8	57.3	88.0	122.8	165.8	210.9	257.9	313.2	372.6
-2.5°	0.0	12.3	34.7	57.4	88.1	122.9	165.6	210.6	257.9	312.3	370.6
-5°	0.0	12.3	34.5	57.3	87.9	122.6	164.8	209.7	257.1	310.4	367.4
-7.5°	0.0	12.2	34.2	57.1	87.5	122.0	163.6	208.1	255.6	307.7	363.1
-10°	0.0	12.1	33.8	56.8	86.9	121.0	161.9	206.0	253.3	304.1	357.9
-12.5°	0.0	12.0	33.3	56.3	86.0	119.8	159.7	203.2	250.1	299.7	352.7
-15°	0.0	11.9	32.8	55.6	84.9	118.2	157.2	199.8	246.2	294.9	347.0
-17.5°	0.0	11.7	32.2	54.9	83.5	116.2	154.1	195.9	241.3	289.2	340.1
-20°	0.0	11.6	31.5	53.9	82.0	114.0	150.7	191.4	235.8	282.6	332.2



REPORT NUMBER: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.4	30.7	52.8	80.2	111.4	146.8	186.4	229.6	275.2	323.1
-25°	0.0	11.1	29.9	51.5	78.2	108.4	142.5	180.7	222.6	267.0	312.9
-27.5°	0.0	10.9	29.0	50.1	76.0	104.9	137.8	174.4	215.0	258.1	302.7
-30°	0.0	10.7	28.0	48.5	73.5	101.2	132.7	167.5	207.0	248.7	291.7
-32.5°	0.0	10.4	27.0	46.8	70.6	97.1	127.3	160.9	198.5	238.5	279.9
-35°	0.0	10.1	25.9	44.9	67.6	92.7	121.9	154.0	189.4	227.7	267.2
-37.5°	0.0	9.8	24.8	42.9	64.3	88.2	116.2	146.8	179.7	216.2	253.9
-40°	0.0	9.4	23.6	40.7	60.9	83.8	110.2	139.1	169.3	204.3	240.2
-42.5°	0.0	9.1	22.3	38.4	57.5	79.3	103.8	131.2	159.6	192.1	225.8
-45°	0.0	8.7	21.0	36.0	54.4	74.6	97.0	123.0	150.1	179.4	210.8
-47.5°	0.0	8.3	19.7	33.5	51.1	69.7	89.9	114.6	140.3	166.3	196.3
-50°	0.0	7.9	18.3	31.4	47.7	64.5	83.5	105.8	130.0	154.7	181.5
-52.5°	0.0	7.5	16.8	29.3	44.2	59.2	77.2	96.6	119.4	142.5	166.5
-55°	0.0	7.1	15.3	27.2	40.7	54.7	70.6	87.3	108.4	129.8	152.2
-57.5°	0.0	6.6	13.8	24.9	37.1	50.2	63.8	79.4	97.2	117.0	137.3
-60°	0.0	6.1	12.3	22.6	33.4	45.7	57.1	71.4	86.1	104.0	122.2
-62.5°	0.0	5.7	11.3	20.3	30.2	41.1	51.7	63.2	76.8	90.8	107.5
-65°	0.0	5.2	10.4	17.8	26.9	36.5	46.3	55.5	67.3	79.5	92.5
-67.5°	0.0	4.7	9.4	15.3	23.5	31.9	40.9	49.2	57.6	68.6	79.5
-70°	0.0	4.2	8.4	12.8	20.0	27.6	35.3	42.7	50.0	57.6	67.3
-72.5°	0.0	3.7	7.4	11.1	16.5	23.1	29.9	36.2	42.4	48.8	55.4
-75°	0.0	3.2	6.4	9.5	13.0	18.5	24.3	29.7	34.7	40.0	45.4
-77.5°	0.0	2.7	5.3	8.0	10.6	13.9	18.7	23.2	27.4	31.3	35.3
-80°	0.0	2.1	4.3	6.4	8.5	10.6	13.0	16.6	20.1	23.3	26.4
-82.5°	0.0	1.6	3.2	4.8	6.4	8.0	9.5	11.1	12.8	15.4	17.7
-85°	0.0	1.1	2.1	3.2	4.3	5.3	6.4	7.4	8.4	9.4	10.4
-87.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	4.7	5.2
-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: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.7	6.1	6.6	7.1	7.5	7.9	8.3	8.7	9.1	9.4	9.8
85°	11.3	12.3	13.8	15.3	16.6	17.8	18.9	19.9	21.0	22.1	23.1
82.5°	20.1	22.5	24.8	27.0	28.8	30.3	31.9	34.1	36.7	39.2	41.5
80°	29.5	32.6	36.5	40.4	43.9	47.4	50.8	54.3	57.7	61.4	65.0
77.5°	40.1	45.1	50.2	55.4	60.3	66.1	71.8	77.5	82.6	87.1	91.3
75°	51.3	57.5	65.0	72.7	80.1	87.3	94.6	102.5	109.5	115.7	121.6
72.5°	63.6	72.5	81.6	90.7	100.9	110.7	120.2	129.3	137.7	145.5	153.4
70°	77.1	87.5	99.6	111.9	123.7	134.9	145.9	156.2	166.0	176.2	187.2
67.5°	91.0	105.3	119.3	133.1	147.0	159.7	171.7	185.1	198.2	211.1	223.5
65°	107.6	123.3	139.4	155.3	170.5	185.9	201.2	216.4	231.9	246.6	260.3
62.5°	124.0	142.2	160.1	177.7	195.6	213.1	231.2	249.0	266.1	284.0	301.1
60°	141.4	161.3	180.9	200.7	220.8	241.7	261.8	282.7	303.7	324.0	343.5
57.5°	158.6	180.2	201.7	224.0	247.4	270.5	294.3	317.8	341.9	364.9	385.0
55°	175.4	198.7	222.8	248.4	274.1	300.7	327.2	354.5	380.4	399.8	418.0
52.5°	192.2	217.2	244.9	272.8	301.4	331.2	362.0	388.4	410.0	426.5	430.5
50°	208.7	237.4	266.6	297.2	328.9	362.5	392.0	415.9	428.0	432.7	430.2
47.5°	226.2	256.9	288.4	321.4	356.8	388.9	416.8	428.9	434.8	428.4	420.7
45°	243.5	276.4	309.7	345.9	381.3	411.7	427.4	436.0	428.2	420.7	415.3
42.5°	260.1	295.4	331.8	369.1	402.1	423.6	433.4	428.5	421.8	416.0	418.0
40°	276.6	313.7	353.5	388.6	418.3	429.2	427.6	421.5	417.6	420.1	428.5
37.5°	292.5	332.8	373.5	407.5	423.5	427.9	420.6	416.7	419.6	429.3	447.7
35°	307.6	351.2	390.0	418.5	429.2	421.6	416.4	415.8	426.7	446.3	473.8
32.5°	322.8	368.7	405.4	423.3	425.0	416.6	412.7	422.0	439.3	465.3	511.4
30°	337.6	382.2	416.8	427.6	420.2	413.7	415.9	429.5	452.9	496.0	570.6
27.5°	351.2	394.4	420.4	425.6	416.0	410.6	420.7	441.1	475.2	532.7	639.1
25°	363.5	405.5	423.7	421.7	413.2	412.6	426.4	451.5	498.5	591.5	737.4
22.5°	373.7	415.7	426.7	418.1	410.4	415.9	435.2	470.1	533.0	647.0	839.9
20°	382.0	418.2	426.2	414.6	407.7	418.6	443.0	488.4	579.4	733.9	955.2
17.5°	389.5	420.4	423.3	412.3	409.3	422.9	451.2	504.6	620.6	808.5	1066.1
15°	396.1	422.4	420.5	410.3	411.3	428.7	464.5	535.3	670.1	878.8	1165.6
12.5°	401.9	424.1	417.9	408.7	412.8	433.4	475.9	563.2	718.9	955.1	1325.3
10°	406.7	425.4	415.5	407.3	413.8	437.2	485.1	585.2	756.5	1019.8	1459.2
7.5°	411.1	426.5	413.5	406.2	414.3	440.0	492.1	601.3	783.2	1071.7	1559.5
5°	414.4	427.3	412.4	405.7	415.8	443.1	497.2	611.8	799.5	1109.5	1626.5
2.5°	416.6	427.8	411.7	405.4	417.9	447.3	501.6	620.7	814.0	1128.2	1674.3
0°	417.6	427.9	411.5	405.3	419.7	450.4	503.6	624.4	820.9	1128.0	1703.3
-2.5°	416.6	427.8	411.7	405.4	417.9	447.3	501.6	620.7	814.0	1128.2	1674.3
-5°	414.4	427.3	412.4	405.7	415.8	443.1	497.2	611.8	799.5	1109.5	1626.5
-7.5°	411.1	426.5	413.5	406.2	414.3	440.0	492.1	601.3	783.2	1071.7	1559.5
-10°	406.7	425.4	415.5	407.3	413.8	437.2	485.1	585.2	756.5	1019.8	1459.2
-12.5°	401.9	424.1	417.9	408.7	412.8	433.4	475.9	563.2	718.9	955.1	1325.3
-15°	396.1	422.4	420.5	410.3	411.3	428.7	464.5	535.3	670.1	878.8	1165.6
-17.5°	389.5	420.4	423.3	412.3	409.3	422.9	451.2	504.6	620.6	808.5	1066.1
-20°	382.0	418.2	426.2	414.6	407.7	418.6	443.0	488.4	579.4	733.9	955.2



REPORT NUMBER: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	373.7	415.7	426.7	418.1	410.4	415.9	435.2	470.1	533.0	647.0	839.9
-25°	363.5	405.5	423.7	421.7	413.2	412.6	426.4	451.5	498.5	591.5	737.4
-27.5°	351.2	394.4	420.4	425.6	416.0	410.6	420.7	441.1	475.2	532.7	639.1
-30°	337.6	382.2	416.8	427.6	420.2	413.7	415.9	429.5	452.9	496.0	570.6
-32.5°	322.8	368.7	405.4	423.3	425.0	416.6	412.7	422.0	439.3	465.3	511.4
-35°	307.6	351.2	390.0	418.5	429.2	421.6	416.4	415.8	426.7	446.3	473.8
-37.5°	292.5	332.8	373.5	407.5	423.5	427.9	420.6	416.7	419.6	429.3	447.7
-40°	276.6	313.7	353.5	388.6	418.3	429.2	427.6	421.5	417.6	420.1	428.5
-42.5°	260.1	295.4	331.8	369.1	402.1	423.6	433.4	428.5	421.8	416.0	418.0
-45°	243.5	276.4	309.7	345.9	381.3	411.7	427.4	436.0	428.2	420.7	415.3
-47.5°	226.2	256.9	288.4	321.4	356.8	388.9	416.8	428.9	434.8	428.4	420.7
-50°	208.7	237.4	266.6	297.2	328.9	362.5	392.0	415.9	428.0	432.7	430.2
-52.5°	192.2	217.2	244.9	272.8	301.4	331.2	362.0	388.4	410.0	426.5	430.5
-55°	175.4	198.7	222.8	248.4	274.1	300.7	327.2	354.5	380.4	399.8	418.0
-57.5°	158.6	180.2	201.7	224.0	247.4	270.5	294.3	317.8	341.9	364.9	385.0
-60°	141.4	161.3	180.9	200.7	220.8	241.7	261.8	282.7	303.7	324.0	343.5
-62.5°	124.0	142.2	160.1	177.7	195.6	213.1	231.2	249.0	266.1	284.0	301.1
-65°	107.6	123.3	139.4	155.3	170.5	185.9	201.2	216.4	231.9	246.6	260.3
-67.5°	91.0	105.3	119.3	133.1	147.0	159.7	171.7	185.1	198.2	211.1	223.5
-70°	77.1	87.5	99.6	111.9	123.7	134.9	145.9	156.2	166.0	176.2	187.2
-72.5°	63.6	72.5	81.6	90.7	100.9	110.7	120.2	129.3	137.7	145.5	153.4
-75°	51.3	57.5	65.0	72.7	80.1	87.3	94.6	102.5	109.5	115.7	121.6
-77.5°	40.1	45.1	50.2	55.4	60.3	66.1	71.8	77.5	82.6	87.1	91.3
-80°	29.5	32.6	36.5	40.4	43.9	47.4	50.8	54.3	57.7	61.4	65.0
-82.5°	20.1	22.5	24.8	27.0	28.8	30.3	31.9	34.1	36.7	39.2	41.5
-85°	11.3	12.3	13.8	15.3	16.6	17.8	18.9	19.9	21.0	22.1	23.1
-87.5°	5.7	6.1	6.6	7.1	7.5	7.9	8.3	8.7	9.1	9.4	9.8
-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: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.1	9.9	9.7	9.5	9.2	9.4	9.6	9.7	9.9	10.5	11.1
85°	24.0	25.1	26.2	27.4	28.5	29.4	30.1	30.7	31.3	31.8	32.1
82.5°	43.8	46.1	48.2	50.1	51.9	53.3	54.6	55.7	56.7	57.5	58.2
80°	68.3	71.3	74.0	76.4	78.5	80.3	81.9	83.1	84.1	86.1	88.1
77.5°	95.5	99.8	103.7	107.3	110.6	113.8	116.8	119.5	121.9	123.8	125.1
75°	127.2	132.5	138.0	142.9	147.5	152.1	156.7	160.8	164.5	167.0	168.9
72.5°	161.2	168.4	175.0	181.3	187.0	192.6	198.3	203.4	207.9	211.3	214.1
70°	197.6	207.0	214.7	221.8	228.9	236.0	242.9	249.0	254.2	258.5	262.0
67.5°	235.3	246.1	255.7	265.1	274.5	283.3	291.7	299.5	306.7	312.2	315.8
65°	273.8	287.7	300.4	311.9	322.3	332.3	342.8	352.5	361.2	368.4	373.9
62.5°	317.4	333.1	347.5	360.4	372.0	381.2	391.2	400.3	408.5	416.1	423.6
60°	362.0	379.5	392.1	403.1	413.1	422.0	425.5	428.8	431.6	434.1	437.0
57.5°	400.8	415.8	426.7	429.2	431.4	433.3	432.1	428.6	424.9	421.3	418.4
55°	427.9	432.2	437.0	433.2	427.2	421.6	416.7	413.3	410.1	407.2	404.8
52.5°	435.1	431.0	425.9	420.4	416.2	412.0	407.7	408.5	409.8	410.8	411.3
50°	424.5	419.7	417.0	413.8	414.4	416.5	418.3	422.3	427.3	430.9	433.9
47.5°	416.4	413.2	417.3	422.5	427.3	436.1	443.9	451.6	463.4	472.9	480.4
45°	414.1	421.9	429.9	442.6	453.8	473.1	491.4	506.6	534.8	560.7	581.1
42.5°	425.9	439.2	453.7	478.4	505.1	539.4	583.3	620.5	664.0	704.6	734.1
40°	445.2	464.8	497.6	537.3	599.7	655.2	728.0	790.3	848.8	910.8	957.4
37.5°	472.9	509.5	570.9	642.4	737.0	827.9	928.3	1025.8	1108.8	1234.5	1332.8
35°	514.2	588.4	675.4	794.9	918.5	1057.8	1204.6	1393.7	1560.2	1755.6	1939.2
32.5°	589.3	689.8	826.3	987.9	1152.1	1392.5	1619.2	1926.5	2202.6	2547.1	2917.7
30°	677.3	827.3	1010.6	1221.6	1519.0	1849.7	2222.4	2693.7	3253.7	3920.5	4815.4
27.5°	798.6	991.1	1221.7	1563.8	1985.7	2428.7	3089.7	3881.9	5325.6	6583.8	8251.4
25°	929.2	1164.3	1529.0	1988.7	2543.8	3341.7	4633.9	6282.3	8617.4	10850.1	12635.0
22.5°	1079.7	1423.2	1883.5	2455.7	3354.2	4898.9	6905.1	9808.3	12412.0	14663.9	16398.2
20°	1246.3	1677.2	2295.9	3170.2	4700.3	6962.6	10183.4	13162.8	15822.2	17760.8	19293.1
17.5°	1462.1	2025.0	2810.1	4016.4	6364.9	9851.0	13171.4	16116.3	18430.3	20133.4	21491.8
15°	1663.7	2345.1	3362.6	5420.9	8626.3	12352.2	15755.6	18382.7	20385.1	21970.0	23191.3
12.5°	1901.5	2704.8	4008.4	6634.3	10705.7	14415.7	17590.5	20043.6	21971.9	23457.5	25094.3
10°	2113.4	3091.6	4933.8	8251.2	12413.3	16037.5	19120.5	21325.1	23258.7	25194.7	27649.1
7.5°	2288.2	3416.4	5692.8	9615.4	13724.3	17237.1	20045.8	22248.6	24379.6	26965.2	30505.4
5°	2427.1	3661.3	6317.1	10645.3	14677.4	18093.3	20752.4	22985.3	25392.3	28851.2	33602.1
2.5°	2520.0	3821.8	6707.4	11267.6	15278.8	18584.4	21276.3	23467.1	25990.8	29907.1	34870.5
0°	2557.0	3895.8	6608.4	11380.4	15315.1	18744.2	21354.4	23647.2	26161.2	30083.7	35103.4
-2.5°	2520.0	3821.8	6707.4	11267.6	15278.8	18584.4	21276.3	23467.1	25990.8	29907.1	34870.5
-5°	2427.1	3661.3	6317.1	10645.3	14677.4	18093.3	20752.4	22985.3	25392.3	28851.2	33602.1
-7.5°	2288.2	3416.4	5692.8	9615.4	13724.3	17237.1	20045.8	22248.6	24379.6	26965.2	30505.4
-10°	2113.4	3091.6	4933.8	8251.2	12413.3	16037.5	19120.5	21325.1	23258.7	25194.7	27649.1
-12.5°	1901.5	2704.8	4008.4	6634.3	10705.7	14415.7	17590.5	20043.6	21971.9	23457.5	25094.3
-15°	1663.7	2345.1	3362.6	5420.9	8626.3	12352.2	15755.6	18382.7	20385.1	21970.0	23191.3
-17.5°	1462.1	2025.0	2810.1	4016.4	6364.9	9851.0	13171.4	16116.3	18430.3	20133.4	21491.8
-20°	1246.3	1677.2	2295.9	3170.2	4700.3	6962.6	10183.4	13162.8	15822.2	17760.8	19293.1



REPORT NUMBER: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1079.7	1423.2	1883.5	2455.7	3354.2	4898.9	6905.1	9808.3	12412.0	14663.9	16398.2
-25°	929.2	1164.3	1529.0	1988.7	2543.8	3341.7	4633.9	6282.3	8617.4	10850.1	12635.0
-27.5°	798.6	991.1	1221.7	1563.8	1985.7	2428.7	3089.7	3881.9	5325.6	6583.8	8251.4
-30°	677.3	827.3	1010.6	1221.6	1519.0	1849.7	2222.4	2693.7	3253.7	3920.5	4815.4
-32.5°	589.3	689.8	826.3	987.9	1152.1	1392.5	1619.2	1926.5	2202.6	2547.1	2917.7
-35°	514.2	588.4	675.4	794.9	918.5	1057.8	1204.6	1393.7	1560.2	1755.6	1939.2
-37.5°	472.9	509.5	570.9	642.4	737.0	827.9	928.3	1025.8	1108.8	1234.5	1332.8
-40°	445.2	464.8	497.6	537.3	599.7	655.2	728.0	790.3	848.8	910.8	957.4
-42.5°	425.9	439.2	453.7	478.4	505.1	539.4	583.3	620.5	664.0	704.6	734.1
-45°	414.1	421.9	429.9	442.6	453.8	473.1	491.4	506.6	534.8	560.7	581.1
-47.5°	416.4	413.2	417.3	422.5	427.3	436.1	443.9	451.6	463.4	472.9	480.4
-50°	424.5	419.7	417.0	413.8	414.4	416.5	418.3	422.3	427.3	430.9	433.9
-52.5°	435.1	431.0	425.9	420.4	416.2	412.0	407.7	408.5	409.8	410.8	411.3
-55°	427.9	432.2	437.0	433.2	427.2	421.6	416.7	413.3	410.1	407.2	404.8
-57.5°	400.8	415.8	426.7	429.2	431.4	433.3	432.1	428.6	424.9	421.3	418.4
-60°	362.0	379.5	392.1	403.1	413.1	422.0	425.5	428.8	431.6	434.1	437.0
-62.5°	317.4	333.1	347.5	360.4	372.0	381.2	391.2	400.3	408.5	416.1	423.6
-65°	273.8	287.7	300.4	311.9	322.3	332.3	342.8	352.5	361.2	368.4	373.9
-67.5°	235.3	246.1	255.7	265.1	274.5	283.3	291.7	299.5	306.7	312.2	315.8
-70°	197.6	207.0	214.7	221.8	228.9	236.0	242.9	249.0	254.2	258.5	262.0
-72.5°	161.2	168.4	175.0	181.3	187.0	192.6	198.3	203.4	207.9	211.3	214.1
-75°	127.2	132.5	138.0	142.9	147.5	152.1	156.7	160.8	164.5	167.0	168.9
-77.5°	95.5	99.8	103.7	107.3	110.6	113.8	116.8	119.5	121.9	123.8	125.1
-80°	68.3	71.3	74.0	76.4	78.5	80.3	81.9	83.1	84.1	86.1	88.1
-82.5°	43.8	46.1	48.2	50.1	51.9	53.3	54.6	55.7	56.7	57.5	58.2
-85°	24.0	25.1	26.2	27.4	28.5	29.4	30.1	30.7	31.3	31.8	32.1
-87.5°	10.1	9.9	9.7	9.5	9.2	9.4	9.6	9.7	9.9	10.5	11.1
-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: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.7	12.3	12.3	12.3	12.3	12.3	11.7	11.1	10.5	9.9	9.7
85°	32.4	32.6	33.8	34.8	33.8	32.6	32.4	32.1	31.8	31.3	30.7
82.5°	58.7	59.1	59.3	59.4	59.3	59.1	58.7	58.2	57.5	56.7	55.7
80°	89.9	91.6	91.0	90.1	91.0	91.6	89.9	88.1	86.1	84.1	83.1
77.5°	125.9	126.3	125.8	124.9	125.8	126.3	125.9	125.1	123.8	121.9	119.5
75°	170.2	171.0	171.7	172.0	171.7	171.0	170.2	168.9	167.0	164.5	160.8
72.5°	216.2	217.8	217.8	217.0	217.8	217.8	216.2	214.1	211.3	207.9	203.4
70°	264.7	266.6	267.8	268.2	267.8	266.6	264.7	262.0	258.5	254.2	249.0
67.5°	318.3	319.6	320.9	321.4	320.9	319.6	318.3	315.8	312.2	306.7	299.5
65°	378.6	382.2	383.3	382.8	383.3	382.2	378.6	373.9	368.4	361.2	352.5
62.5°	430.6	436.9	439.5	440.1	439.5	436.9	430.6	423.6	416.1	408.5	400.3
60°	439.5	441.6	442.2	442.2	442.2	441.6	439.5	437.0	434.1	431.6	428.8
57.5°	415.7	413.3	411.9	411.5	411.9	413.3	415.7	418.4	421.3	424.9	428.6
55°	402.5	400.4	399.4	399.2	399.4	400.4	402.5	404.8	407.2	410.1	413.3
52.5°	411.5	411.2	412.0	413.5	412.0	411.2	411.5	411.3	410.8	409.8	408.5
50°	436.6	438.4	440.3	442.2	440.3	438.4	436.6	433.9	430.9	427.3	422.3
47.5°	485.8	488.6	490.3	491.3	490.3	488.6	485.8	480.4	472.9	463.4	451.6
45°	594.3	601.4	604.9	606.0	604.9	601.4	594.3	581.1	560.7	534.8	506.6
42.5°	753.5	764.2	768.8	769.7	768.8	764.2	753.5	734.1	704.6	664.0	620.5
40°	990.8	1009.9	1019.0	1025.6	1019.0	1009.9	990.8	957.4	910.8	848.8	790.3
37.5°	1406.4	1454.2	1481.3	1504.7	1481.3	1454.2	1406.4	1332.8	1234.5	1108.8	1025.8
35°	2088.6	2198.1	2262.5	2276.5	2262.5	2198.1	2088.6	1939.2	1755.6	1560.2	1393.7
32.5°	3203.0	3417.7	3546.1	3562.1	3546.1	3417.7	3203.0	2917.7	2547.1	2202.6	1926.5
30°	5510.0	6111.6	6523.9	6467.1	6523.9	6111.6	5510.0	4815.4	3920.5	3253.7	2693.7
27.5°	9617.4	10708.3	11416.8	11357.9	11416.8	10708.3	9617.4	8251.4	6583.8	5325.6	3881.9
25°	14007.2	15011.3	15604.0	15822.8	15604.0	15011.3	14007.2	12635.0	10850.1	8617.4	6282.3
22.5°	17592.0	18489.7	19002.4	19309.2	19002.4	18489.7	17592.0	16398.2	14663.9	12412.0	9808.3
20°	20338.6	21117.1	21558.1	21747.4	21558.1	21117.1	20338.6	19293.1	17760.8	15822.2	13162.8
17.5°	22451.6	23103.3	23602.6	23731.2	23602.6	23103.3	22451.6	21491.8	20133.4	18430.3	16116.3
15°	24320.7	25162.5	25751.2	25970.8	25751.2	25162.5	24320.7	23191.3	21970.0	20385.1	18382.7
12.5°	26677.5	28141.3	28919.5	29098.9	28919.5	28141.3	26677.5	25094.3	23457.5	21971.9	20043.6
10°	30161.2	32411.2	32666.2	32317.2	32666.2	32411.2	30161.2	27649.1	25194.7	23258.7	21325.1
7.5°	35234.7	38234.9	37586.2	36505.8	37586.2	38234.9	35234.7	30505.4	26965.2	24379.6	22248.6
5°	38865.4	43030.8	43160.2	42366.9	43160.2	43030.8	38865.4	33602.1	28851.2	25392.3	22985.3
2.5°	40310.8	44598.7	46732.8	47082.6	46732.8	44598.7	40310.8	34870.5	29907.1	25990.8	23467.1
0°	40419.0	45104.0	47634.3	48262.8	47634.3	45104.0	40419.0	35103.4	30083.7	26161.2	23647.2
-2.5°	40310.8	44598.7	46732.8	47082.6	46732.8	44598.7	40310.8	34870.5	29907.1	25990.8	23467.1
-5°	38865.4	43030.8	43160.2	42366.9	43160.2	43030.8	38865.4	33602.1	28851.2	25392.3	22985.3
-7.5°	35234.7	38234.9	37586.2	36505.8	37586.2	38234.9	35234.7	30505.4	26965.2	24379.6	22248.6
-10°	30161.2	32411.2	32666.2	32317.2	32666.2	32411.2	30161.2	27649.1	25194.7	23258.7	21325.1
-12.5°	26677.5	28141.3	28919.5	29098.9	28919.5	28141.3	26677.5	25094.3	23457.5	21971.9	20043.6
-15°	24320.7	25162.5	25751.2	25970.8	25751.2	25162.5	24320.7	23191.3	21970.0	20385.1	18382.7
-17.5°	22451.6	23103.3	23602.6	23731.2	23602.6	23103.3	22451.6	21491.8	20133.4	18430.3	16116.3
-20°	20338.6	21117.1	21558.1	21747.4	21558.1	21117.1	20338.6	19293.1	17760.8	15822.2	13162.8



REPORT NUMBER: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17592.0	18489.7	19002.4	19309.2	19002.4	18489.7	17592.0	16398.2	14663.9	12412.0	9808.3
-25°	14007.2	15011.3	15604.0	15822.8	15604.0	15011.3	14007.2	12635.0	10850.1	8617.4	6282.3
-27.5°	9617.4	10708.3	11416.8	11357.9	11416.8	10708.3	9617.4	8251.4	6583.8	5325.6	3881.9
-30°	5510.0	6111.6	6523.9	6467.1	6523.9	6111.6	5510.0	4815.4	3920.5	3253.7	2693.7
-32.5°	3203.0	3417.7	3546.1	3562.1	3546.1	3417.7	3203.0	2917.7	2547.1	2202.6	1926.5
-35°	2088.6	2198.1	2262.5	2276.5	2262.5	2198.1	2088.6	1939.2	1755.6	1560.2	1393.7
-37.5°	1406.4	1454.2	1481.3	1504.7	1481.3	1454.2	1406.4	1332.8	1234.5	1108.8	1025.8
-40°	990.8	1009.9	1019.0	1025.6	1019.0	1009.9	990.8	957.4	910.8	848.8	790.3
-42.5°	753.5	764.2	768.8	769.7	768.8	764.2	753.5	734.1	704.6	664.0	620.5
-45°	594.3	601.4	604.9	606.0	604.9	601.4	594.3	581.1	560.7	534.8	506.6
-47.5°	485.8	488.6	490.3	491.3	490.3	488.6	485.8	480.4	472.9	463.4	451.6
-50°	436.6	438.4	440.3	442.2	440.3	438.4	436.6	433.9	430.9	427.3	422.3
-52.5°	411.5	411.2	412.0	413.5	412.0	411.2	411.5	411.3	410.8	409.8	408.5
-55°	402.5	400.4	399.4	399.2	399.4	400.4	402.5	404.8	407.2	410.1	413.3
-57.5°	415.7	413.3	411.9	411.5	411.9	413.3	415.7	418.4	421.3	424.9	428.6
-60°	439.5	441.6	442.2	442.2	442.2	441.6	439.5	437.0	434.1	431.6	428.8
-62.5°	430.6	436.9	439.5	440.1	439.5	436.9	430.6	423.6	416.1	408.5	400.3
-65°	378.6	382.2	383.3	382.8	383.3	382.2	378.6	373.9	368.4	361.2	352.5
-67.5°	318.3	319.6	320.9	321.4	320.9	319.6	318.3	315.8	312.2	306.7	299.5
-70°	264.7	266.6	267.8	268.2	267.8	266.6	264.7	262.0	258.5	254.2	249.0
-72.5°	216.2	217.8	217.8	217.0	217.8	217.8	216.2	214.1	211.3	207.9	203.4
-75°	170.2	171.0	171.7	172.0	171.7	171.0	170.2	168.9	167.0	164.5	160.8
-77.5°	125.9	126.3	125.8	124.9	125.8	126.3	125.9	125.1	123.8	121.9	119.5
-80°	89.9	91.6	91.0	90.1	91.0	91.6	89.9	88.1	86.1	84.1	83.1
-82.5°	58.7	59.1	59.3	59.4	59.3	59.1	58.7	58.2	57.5	56.7	55.7
-85°	32.4	32.6	33.8	34.8	33.8	32.6	32.4	32.1	31.8	31.3	30.7
-87.5°	11.7	12.3	12.3	12.3	12.3	12.3	11.7	11.1	10.5	9.9	9.7
-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: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.6	9.4	9.2	9.5	9.7	9.9	10.1	9.8	9.4	9.1	8.7
85°	30.1	29.4	28.5	27.4	26.2	25.1	24.0	23.1	22.1	21.0	19.9
82.5°	54.6	53.3	51.9	50.1	48.2	46.1	43.8	41.5	39.2	36.7	34.1
80°	81.9	80.3	78.5	76.4	74.0	71.3	68.3	65.0	61.4	57.7	54.3
77.5°	116.8	113.8	110.6	107.3	103.7	99.8	95.5	91.3	87.1	82.6	77.5
75°	156.7	152.1	147.5	142.9	138.0	132.5	127.2	121.6	115.7	109.5	102.5
72.5°	198.3	192.6	187.0	181.3	175.0	168.4	161.2	153.4	145.5	137.7	129.3
70°	242.9	236.0	228.9	221.8	214.7	207.0	197.6	187.2	176.2	166.0	156.2
67.5°	291.7	283.3	274.5	265.1	255.7	246.1	235.3	223.5	211.1	198.2	185.1
65°	342.8	332.3	322.3	311.9	300.4	287.7	273.8	260.3	246.6	231.9	216.4
62.5°	391.2	381.2	372.0	360.4	347.5	333.1	317.4	301.1	284.0	266.1	249.0
60°	425.5	422.0	413.1	403.1	392.1	379.5	362.0	343.5	324.0	303.7	282.7
57.5°	432.1	433.3	431.4	429.2	426.7	415.8	400.8	385.0	364.9	341.9	317.8
55°	416.7	421.6	427.2	433.2	437.0	432.2	427.9	418.0	399.8	380.4	354.5
52.5°	407.7	412.0	416.2	420.4	425.9	431.0	435.1	430.5	426.5	410.0	388.4
50°	418.3	416.5	414.4	413.8	417.0	419.7	424.5	430.2	432.7	428.0	415.9
47.5°	443.9	436.1	427.3	422.5	417.3	413.2	416.4	420.7	428.4	434.8	428.9
45°	491.4	473.1	453.8	442.6	429.9	421.9	414.1	415.3	420.7	428.2	436.0
42.5°	583.3	539.4	505.1	478.4	453.7	439.2	425.9	418.0	416.0	421.8	428.5
40°	728.0	655.2	599.7	537.3	497.6	464.8	445.2	428.5	420.1	417.6	421.5
37.5°	928.3	827.9	737.0	642.4	570.9	509.5	472.9	447.7	429.3	419.6	416.7
35°	1204.6	1057.8	918.5	794.9	675.4	588.4	514.2	473.8	446.3	426.7	415.8
32.5°	1619.2	1392.5	1152.1	987.9	826.3	689.8	589.3	511.4	465.3	439.3	422.0
30°	2222.4	1849.7	1519.0	1221.6	1010.6	827.3	677.3	570.6	496.0	452.9	429.5
27.5°	3089.7	2428.7	1985.7	1563.8	1221.7	991.1	798.6	639.1	532.7	475.2	441.1
25°	4633.9	3341.7	2543.8	1988.7	1529.0	1164.3	929.2	737.4	591.5	498.5	451.5
22.5°	6905.1	4898.9	3354.2	2455.7	1883.5	1423.2	1079.7	839.9	647.0	533.0	470.1
20°	10183.4	6962.6	4700.3	3170.2	2295.9	1677.2	1246.3	955.2	733.9	579.4	488.4
17.5°	13171.4	9851.0	6364.9	4016.4	2810.1	2025.0	1462.1	1066.1	808.5	620.6	504.6
15°	15755.6	12352.2	8626.3	5420.9	3362.6	2345.1	1663.7	1165.6	878.8	670.1	535.3
12.5°	17590.5	14415.7	10705.7	6634.3	4008.4	2704.8	1901.5	1325.3	955.1	718.9	563.2
10°	19120.5	16037.5	12413.3	8251.2	4933.8	3091.6	2113.4	1459.2	1019.8	756.5	585.2
7.5°	20045.8	17237.1	13724.3	9615.4	5692.8	3416.4	2288.2	1559.5	1071.7	783.2	601.3
5°	20752.4	18093.3	14677.4	10645.3	6317.1	3661.3	2427.1	1626.5	1109.5	799.5	611.8
2.5°	21276.3	18584.4	15278.8	11267.6	6707.4	3821.8	2520.0	1674.3	1128.2	814.0	620.7
0°	21354.4	18744.2	15315.1	11380.4	6608.4	3895.8	2557.0	1703.3	1128.0	820.9	624.4
-2.5°	21276.3	18584.4	15278.8	11267.6	6707.4	3821.8	2520.0	1674.3	1128.2	814.0	620.7
-5°	20752.4	18093.3	14677.4	10645.3	6317.1	3661.3	2427.1	1626.5	1109.5	799.5	611.8
-7.5°	20045.8	17237.1	13724.3	9615.4	5692.8	3416.4	2288.2	1559.5	1071.7	783.2	601.3
-10°	19120.5	16037.5	12413.3	8251.2	4933.8	3091.6	2113.4	1459.2	1019.8	756.5	585.2
-12.5°	17590.5	14415.7	10705.7	6634.3	4008.4	2704.8	1901.5	1325.3	955.1	718.9	563.2
-15°	15755.6	12352.2	8626.3	5420.9	3362.6	2345.1	1663.7	1165.6	878.8	670.1	535.3
-17.5°	13171.4	9851.0	6364.9	4016.4	2810.1	2025.0	1462.1	1066.1	808.5	620.6	504.6
-20°	10183.4	6962.6	4700.3	3170.2	2295.9	1677.2	1246.3	955.2	733.9	579.4	488.4



REPORT NUMBER: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6905.1	4898.9	3354.2	2455.7	1883.5	1423.2	1079.7	839.9	647.0	533.0	470.1
-25°	4633.9	3341.7	2543.8	1988.7	1529.0	1164.3	929.2	737.4	591.5	498.5	451.5
-27.5°	3089.7	2428.7	1985.7	1563.8	1221.7	991.1	798.6	639.1	532.7	475.2	441.1
-30°	2222.4	1849.7	1519.0	1221.6	1010.6	827.3	677.3	570.6	496.0	452.9	429.5
-32.5°	1619.2	1392.5	1152.1	987.9	826.3	689.8	589.3	511.4	465.3	439.3	422.0
-35°	1204.6	1057.8	918.5	794.9	675.4	588.4	514.2	473.8	446.3	426.7	415.8
-37.5°	928.3	827.9	737.0	642.4	570.9	509.5	472.9	447.7	429.3	419.6	416.7
-40°	728.0	655.2	599.7	537.3	497.6	464.8	445.2	428.5	420.1	417.6	421.5
-42.5°	583.3	539.4	505.1	478.4	453.7	439.2	425.9	418.0	416.0	421.8	428.5
-45°	491.4	473.1	453.8	442.6	429.9	421.9	414.1	415.3	420.7	428.2	436.0
-47.5°	443.9	436.1	427.3	422.5	417.3	413.2	416.4	420.7	428.4	434.8	428.9
-50°	418.3	416.5	414.4	413.8	417.0	419.7	424.5	430.2	432.7	428.0	415.9
-52.5°	407.7	412.0	416.2	420.4	425.9	431.0	435.1	430.5	426.5	410.0	388.4
-55°	416.7	421.6	427.2	433.2	437.0	432.2	427.9	418.0	399.8	380.4	354.5
-57.5°	432.1	433.3	431.4	429.2	426.7	415.8	400.8	385.0	364.9	341.9	317.8
-60°	425.5	422.0	413.1	403.1	392.1	379.5	362.0	343.5	324.0	303.7	282.7
-62.5°	391.2	381.2	372.0	360.4	347.5	333.1	317.4	301.1	284.0	266.1	249.0
-65°	342.8	332.3	322.3	311.9	300.4	287.7	273.8	260.3	246.6	231.9	216.4
-67.5°	291.7	283.3	274.5	265.1	255.7	246.1	235.3	223.5	211.1	198.2	185.1
-70°	242.9	236.0	228.9	221.8	214.7	207.0	197.6	187.2	176.2	166.0	156.2
-72.5°	198.3	192.6	187.0	181.3	175.0	168.4	161.2	153.4	145.5	137.7	129.3
-75°	156.7	152.1	147.5	142.9	138.0	132.5	127.2	121.6	115.7	109.5	102.5
-77.5°	116.8	113.8	110.6	107.3	103.7	99.8	95.5	91.3	87.1	82.6	77.5
-80°	81.9	80.3	78.5	76.4	74.0	71.3	68.3	65.0	61.4	57.7	54.3
-82.5°	54.6	53.3	51.9	50.1	48.2	46.1	43.8	41.5	39.2	36.7	34.1
-85°	30.1	29.4	28.5	27.4	26.2	25.1	24.0	23.1	22.1	21.0	19.9
-87.5°	9.6	9.4	9.2	9.5	9.7	9.9	10.1	9.8	9.4	9.1	8.7
-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: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.3	7.9	7.5	7.1	6.6	6.1	5.7	5.2	4.7	4.2	3.7
85°	18.9	17.8	16.6	15.3	13.8	12.3	11.3	10.4	9.4	8.4	7.4
82.5°	31.9	30.3	28.8	27.0	24.8	22.5	20.1	17.7	15.4	12.8	11.1
80°	50.8	47.4	43.9	40.4	36.5	32.6	29.5	26.4	23.3	20.1	16.6
77.5°	71.8	66.1	60.3	55.4	50.2	45.1	40.1	35.3	31.3	27.4	23.2
75°	94.6	87.3	80.1	72.7	65.0	57.5	51.3	45.4	40.0	34.7	29.7
72.5°	120.2	110.7	100.9	90.7	81.6	72.5	63.6	55.4	48.8	42.4	36.2
70°	145.9	134.9	123.7	111.9	99.6	87.5	77.1	67.3	57.6	50.0	42.7
67.5°	171.7	159.7	147.0	133.1	119.3	105.3	91.0	79.5	68.6	57.6	49.2
65°	201.2	185.9	170.5	155.3	139.4	123.3	107.6	92.5	79.5	67.3	55.5
62.5°	231.2	213.1	195.6	177.7	160.1	142.2	124.0	107.5	90.8	76.8	63.2
60°	261.8	241.7	220.8	200.7	180.9	161.3	141.4	122.2	104.0	86.1	71.4
57.5°	294.3	270.5	247.4	224.0	201.7	180.2	158.6	137.3	117.0	97.2	79.4
55°	327.2	300.7	274.1	248.4	222.8	198.7	175.4	152.2	129.8	108.4	87.3
52.5°	362.0	331.2	301.4	272.8	244.9	217.2	192.2	166.5	142.5	119.4	96.6
50°	392.0	362.5	328.9	297.2	266.6	237.4	208.7	181.5	154.7	130.0	105.8
47.5°	416.8	388.9	356.8	321.4	288.4	256.9	226.2	196.3	166.3	140.3	114.6
45°	427.4	411.7	381.3	345.9	309.7	276.4	243.5	210.8	179.4	150.1	123.0
42.5°	433.4	423.6	402.1	369.1	331.8	295.4	260.1	225.8	192.1	159.6	131.2
40°	427.6	429.2	418.3	388.6	353.5	313.7	276.6	240.2	204.3	169.3	139.1
37.5°	420.6	427.9	423.5	407.5	373.5	332.8	292.5	253.9	216.2	179.7	146.8
35°	416.4	421.6	429.2	418.5	390.0	351.2	307.6	267.2	227.7	189.4	154.0
32.5°	412.7	416.6	425.0	423.3	405.4	368.7	322.8	279.9	238.5	198.5	160.9
30°	415.9	413.7	420.2	427.6	416.8	382.2	337.6	291.7	248.7	207.0	167.5
27.5°	420.7	410.6	416.0	425.6	420.4	394.4	351.2	302.7	258.1	215.0	174.4
25°	426.4	412.6	413.2	421.7	423.7	405.5	363.5	312.9	267.0	222.6	180.7
22.5°	435.2	415.9	410.4	418.1	426.7	415.7	373.7	323.1	275.2	229.6	186.4
20°	443.0	418.6	407.7	414.6	426.2	418.2	382.0	332.2	282.6	235.8	191.4
17.5°	451.2	422.9	409.3	412.3	423.3	420.4	389.5	340.1	289.2	241.3	195.9
15°	464.5	428.7	411.3	410.3	420.5	422.4	396.1	347.0	294.9	246.2	199.8
12.5°	475.9	433.4	412.8	408.7	417.9	424.1	401.9	352.7	299.7	250.1	203.2
10°	485.1	437.2	413.8	407.3	415.5	425.4	406.7	357.9	304.1	253.3	206.0
7.5°	492.1	440.0	414.3	406.2	413.5	426.5	411.1	363.1	307.7	255.6	208.1
5°	497.2	443.1	415.8	405.7	412.4	427.3	414.4	367.4	310.4	257.1	209.7
2.5°	501.6	447.3	417.9	405.4	411.7	427.8	416.6	370.6	312.3	257.9	210.6
0°	503.6	450.4	419.7	405.3	411.5	427.9	417.6	372.6	313.2	257.9	210.9
-2.5°	501.6	447.3	417.9	405.4	411.7	427.8	416.6	370.6	312.3	257.9	210.6
-5°	497.2	443.1	415.8	405.7	412.4	427.3	414.4	367.4	310.4	257.1	209.7
-7.5°	492.1	440.0	414.3	406.2	413.5	426.5	411.1	363.1	307.7	255.6	208.1
-10°	485.1	437.2	413.8	407.3	415.5	425.4	406.7	357.9	304.1	253.3	206.0
-12.5°	475.9	433.4	412.8	408.7	417.9	424.1	401.9	352.7	299.7	250.1	203.2
-15°	464.5	428.7	411.3	410.3	420.5	422.4	396.1	347.0	294.9	246.2	199.8
-17.5°	451.2	422.9	409.3	412.3	423.3	420.4	389.5	340.1	289.2	241.3	195.9
-20°	443.0	418.6	407.7	414.6	426.2	418.2	382.0	332.2	282.6	235.8	191.4



REPORT NUMBER: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	435.2	415.9	410.4	418.1	426.7	415.7	373.7	323.1	275.2	229.6	186.4
-25°	426.4	412.6	413.2	421.7	423.7	405.5	363.5	312.9	267.0	222.6	180.7
-27.5°	420.7	410.6	416.0	425.6	420.4	394.4	351.2	302.7	258.1	215.0	174.4
-30°	415.9	413.7	420.2	427.6	416.8	382.2	337.6	291.7	248.7	207.0	167.5
-32.5°	412.7	416.6	425.0	423.3	405.4	368.7	322.8	279.9	238.5	198.5	160.9
-35°	416.4	421.6	429.2	418.5	390.0	351.2	307.6	267.2	227.7	189.4	154.0
-37.5°	420.6	427.9	423.5	407.5	373.5	332.8	292.5	253.9	216.2	179.7	146.8
-40°	427.6	429.2	418.3	388.6	353.5	313.7	276.6	240.2	204.3	169.3	139.1
-42.5°	433.4	423.6	402.1	369.1	331.8	295.4	260.1	225.8	192.1	159.6	131.2
-45°	427.4	411.7	381.3	345.9	309.7	276.4	243.5	210.8	179.4	150.1	123.0
-47.5°	416.8	388.9	356.8	321.4	288.4	256.9	226.2	196.3	166.3	140.3	114.6
-50°	392.0	362.5	328.9	297.2	266.6	237.4	208.7	181.5	154.7	130.0	105.8
-52.5°	362.0	331.2	301.4	272.8	244.9	217.2	192.2	166.5	142.5	119.4	96.6
-55°	327.2	300.7	274.1	248.4	222.8	198.7	175.4	152.2	129.8	108.4	87.3
-57.5°	294.3	270.5	247.4	224.0	201.7	180.2	158.6	137.3	117.0	97.2	79.4
-60°	261.8	241.7	220.8	200.7	180.9	161.3	141.4	122.2	104.0	86.1	71.4
-62.5°	231.2	213.1	195.6	177.7	160.1	142.2	124.0	107.5	90.8	76.8	63.2
-65°	201.2	185.9	170.5	155.3	139.4	123.3	107.6	92.5	79.5	67.3	55.5
-67.5°	171.7	159.7	147.0	133.1	119.3	105.3	91.0	79.5	68.6	57.6	49.2
-70°	145.9	134.9	123.7	111.9	99.6	87.5	77.1	67.3	57.6	50.0	42.7
-72.5°	120.2	110.7	100.9	90.7	81.6	72.5	63.6	55.4	48.8	42.4	36.2
-75°	94.6	87.3	80.1	72.7	65.0	57.5	51.3	45.4	40.0	34.7	29.7
-77.5°	71.8	66.1	60.3	55.4	50.2	45.1	40.1	35.3	31.3	27.4	23.2
-80°	50.8	47.4	43.9	40.4	36.5	32.6	29.5	26.4	23.3	20.1	16.6
-82.5°	31.9	30.3	28.8	27.0	24.8	22.5	20.1	17.7	15.4	12.8	11.1
-85°	18.9	17.8	16.6	15.3	13.8	12.3	11.3	10.4	9.4	8.4	7.4
-87.5°	8.3	7.9	7.5	7.1	6.6	6.1	5.7	5.2	4.7	4.2	3.7
-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: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
85°	6.4	5.3	4.3	3.2	2.1	1.1	0.0
82.5°	9.5	8.0	6.4	4.8	3.2	1.6	0.0
80°	13.0	10.6	8.5	6.4	4.3	2.1	0.0
77.5°	18.7	13.9	10.6	8.0	5.3	2.7	0.0
75°	24.3	18.5	13.0	9.5	6.4	3.2	0.0
72.5°	29.9	23.1	16.5	11.1	7.4	3.7	0.0
70°	35.3	27.6	20.0	12.8	8.4	4.2	0.0
67.5°	40.9	31.9	23.5	15.3	9.4	4.7	0.0
65°	46.3	36.5	26.9	17.8	10.4	5.2	0.0
62.5°	51.7	41.1	30.2	20.3	11.3	5.7	0.0
60°	57.1	45.7	33.4	22.6	12.3	6.1	0.0
57.5°	63.8	50.2	37.1	24.9	13.8	6.6	0.0
55°	70.6	54.7	40.7	27.2	15.3	7.1	0.0
52.5°	77.2	59.2	44.2	29.3	16.8	7.5	0.0
50°	83.5	64.5	47.7	31.4	18.3	7.9	0.0
47.5°	89.9	69.7	51.1	33.5	19.7	8.3	0.0
45°	97.0	74.6	54.4	36.0	21.0	8.7	0.0
42.5°	103.8	79.3	57.5	38.4	22.3	9.1	0.0
40°	110.2	83.8	60.9	40.7	23.6	9.4	0.0
37.5°	116.2	88.2	64.3	42.9	24.8	9.8	0.0
35°	121.9	92.7	67.6	44.9	25.9	10.1	0.0
32.5°	127.3	97.1	70.6	46.8	27.0	10.4	0.0
30°	132.7	101.2	73.5	48.5	28.0	10.7	0.0
27.5°	137.8	104.9	76.0	50.1	29.0	10.9	0.0
25°	142.5	108.4	78.2	51.5	29.9	11.1	0.0
22.5°	146.8	111.4	80.2	52.8	30.7	11.4	0.0
20°	150.7	114.0	82.0	53.9	31.5	11.6	0.0
17.5°	154.1	116.2	83.5	54.9	32.2	11.7	0.0
15°	157.2	118.2	84.9	55.6	32.8	11.9	0.0
12.5°	159.7	119.8	86.0	56.3	33.3	12.0	0.0
10°	161.9	121.0	86.9	56.8	33.8	12.1	0.0
7.5°	163.6	122.0	87.5	57.1	34.2	12.2	0.0
5°	164.8	122.6	87.9	57.3	34.5	12.3	0.0
2.5°	165.6	122.9	88.1	57.4	34.7	12.3	0.0
0°	165.8	122.8	88.0	57.3	34.8	12.3	0.0
-2.5°	165.6	122.9	88.1	57.4	34.7	12.3	0.0
-5°	164.8	122.6	87.9	57.3	34.5	12.3	0.0
-7.5°	163.6	122.0	87.5	57.1	34.2	12.2	0.0
-10°	161.9	121.0	86.9	56.8	33.8	12.1	0.0
-12.5°	159.7	119.8	86.0	56.3	33.3	12.0	0.0
-15°	157.2	118.2	84.9	55.6	32.8	11.9	0.0
-17.5°	154.1	116.2	83.5	54.9	32.2	11.7	0.0
-20°	150.7	114.0	82.0	53.9	31.5	11.6	0.0



REPORT NUMBER: P559052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	146.8	111.4	80.2	52.8	30.7	11.4	0.0
-25°	142.5	108.4	78.2	51.5	29.9	11.1	0.0
-27.5°	137.8	104.9	76.0	50.1	29.0	10.9	0.0
-30°	132.7	101.2	73.5	48.5	28.0	10.7	0.0
-32.5°	127.3	97.1	70.6	46.8	27.0	10.4	0.0
-35°	121.9	92.7	67.6	44.9	25.9	10.1	0.0
-37.5°	116.2	88.2	64.3	42.9	24.8	9.8	0.0
-40°	110.2	83.8	60.9	40.7	23.6	9.4	0.0
-42.5°	103.8	79.3	57.5	38.4	22.3	9.1	0.0
-45°	97.0	74.6	54.4	36.0	21.0	8.7	0.0
-47.5°	89.9	69.7	51.1	33.5	19.7	8.3	0.0
-50°	83.5	64.5	47.7	31.4	18.3	7.9	0.0
-52.5°	77.2	59.2	44.2	29.3	16.8	7.5	0.0
-55°	70.6	54.7	40.7	27.2	15.3	7.1	0.0
-57.5°	63.8	50.2	37.1	24.9	13.8	6.6	0.0
-60°	57.1	45.7	33.4	22.6	12.3	6.1	0.0
-62.5°	51.7	41.1	30.2	20.3	11.3	5.7	0.0
-65°	46.3	36.5	26.9	17.8	10.4	5.2	0.0
-67.5°	40.9	31.9	23.5	15.3	9.4	4.7	0.0
-70°	35.3	27.6	20.0	12.8	8.4	4.2	0.0
-72.5°	29.9	23.1	16.5	11.1	7.4	3.7	0.0
-75°	24.3	18.5	13.0	9.5	6.4	3.2	0.0
-77.5°	18.7	13.9	10.6	8.0	5.3	2.7	0.0
-80°	13.0	10.6	8.5	6.4	4.3	2.1	0.0
-82.5°	9.5	8.0	6.4	4.8	3.2	1.6	0.0
-85°	6.4	5.3	4.3	3.2	2.1	1.1	0.0
-87.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)