

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: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-930-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5D-930-U-TS-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (80) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

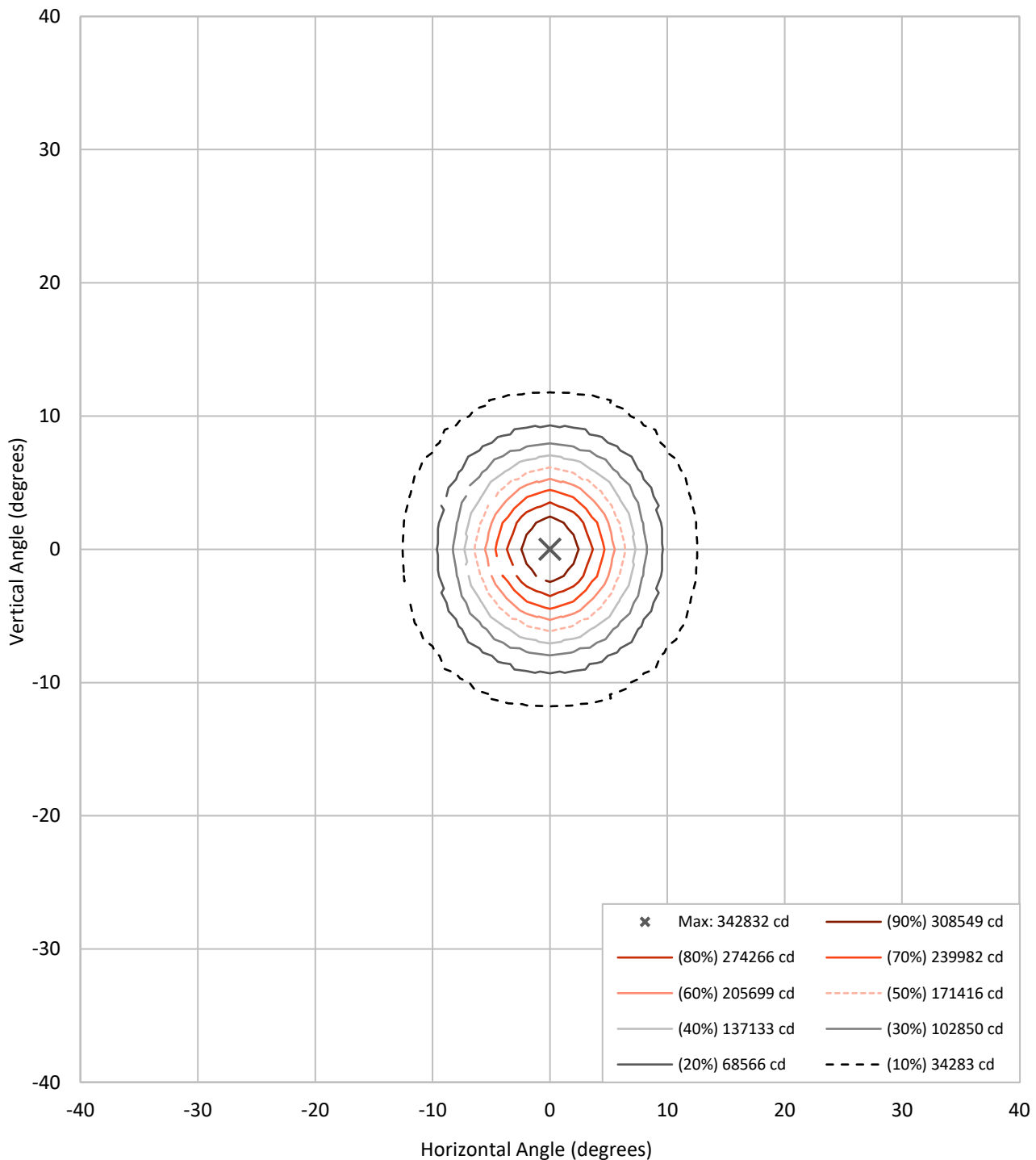
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	24850.8 lumens	Max Intensity:	342832 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	7852.4 lumens	Field Lumens:	17395.9 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 266
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-SA5D-930-U-TS-XX

Iso-Candela Plot





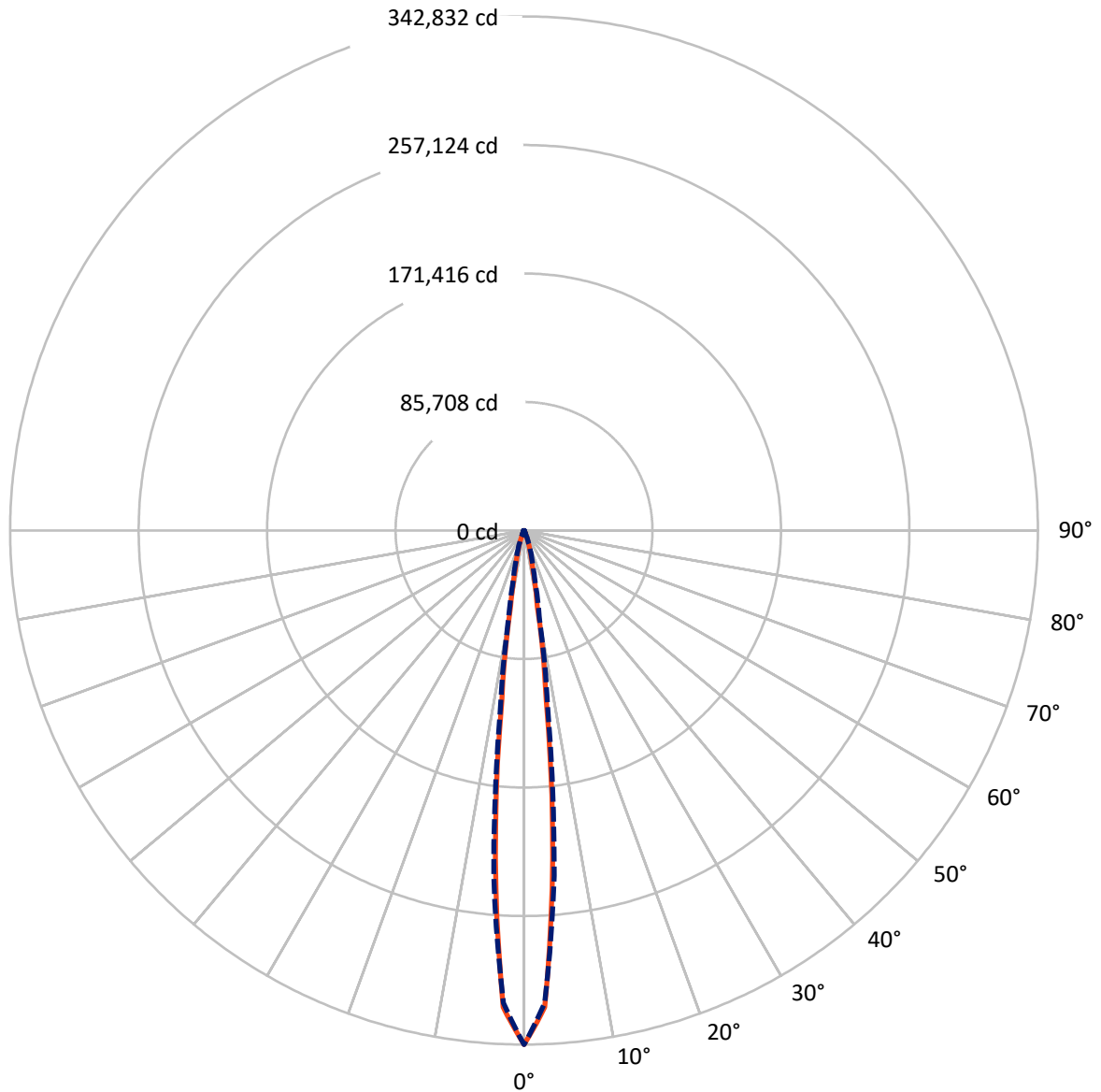
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Lumen Table

90	0.4	2.9		7.9		12.9		14.9		12.9		7.9		2.9		0.4			
80	0.4	2.9		7.9		12.9		14.9		12.9		7.9		2.9		0.4			
70	1.3	1.5	3.2	5.3	7.3	8.9	10.2	10.8	10.8	10.2	8.9	7.3	5.3	3.2	1.5	1.3			
60		2.4	4.8	7.3	9.4	11.1	12.2	12.6	12.6	12.2	11.1	9.4	7.3	4.8	2.4				
50	2.4	3.1	5.9	8.4	10.6	12.4	13.8	14.5	14.5	13.8	12.4	10.6	8.4	5.9	3.1	2.4			
40		3.7	6.6	9.2	11.7	15.1	19.0	21.4	21.4	19.0	15.1	11.7	9.2	6.6	3.7				
30	3.2	4.1	7.0	9.8	13.8	21.5	47.7	86.7	86.7	47.7	21.5	13.8	9.8	7.0	4.1	3.2			
20		4.3	7.2	10.3	16.4	46.2	260.6	573.3	573.3	260.6	46.2	16.4	10.3	7.2	4.3				
10	3.5	4.4	7.3	10.6	18.2	88.6	625.5	4046.7	4046.7	625.5	88.6	18.2	10.6	7.3	4.4	3.5			
0		4.4	7.3	10.6	18.2	88.6	625.5	4046.7	4046.7	625.5	88.6	18.2	10.6	7.3	4.4				
-10	3.2	4.3	7.2	10.3	16.4	46.2	260.6	573.3	573.3	260.6	46.2	16.4	10.3	7.2	4.3	3.2			
-20		4.1	7.0	9.8	13.8	21.5	47.7	86.7	86.7	47.7	21.5	13.8	9.8	7.0	4.1				
-30	2.4	3.7	6.6	9.2	11.7	15.1	19.0	21.4	21.4	19.0	15.1	11.7	9.2	6.6	3.7	2.4			
-40		3.1	5.9	8.4	10.6	12.4	13.8	14.5	14.5	13.8	12.4	10.6	8.4	5.9	3.1				
-50	1.3	2.4	4.8	7.3	9.4	11.1	12.2	12.6	12.6	12.2	11.1	9.4	7.3	4.8	2.4	1.3			
-60		1.5	3.2	5.3	7.3	8.9	10.2	10.8	10.8	10.2	8.9	7.3	5.3	3.2	1.5				
-70	0.4	2.9		7.9		12.9		14.9		12.9		7.9		2.9		0.4			
-80		2.9		7.9		12.9		14.9		12.9		7.9		2.9					
-90	0.4	2.9		7.9		12.9		14.9		12.9		7.9		2.9		0.4			
	-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-SA5D-930-U-TS-XX

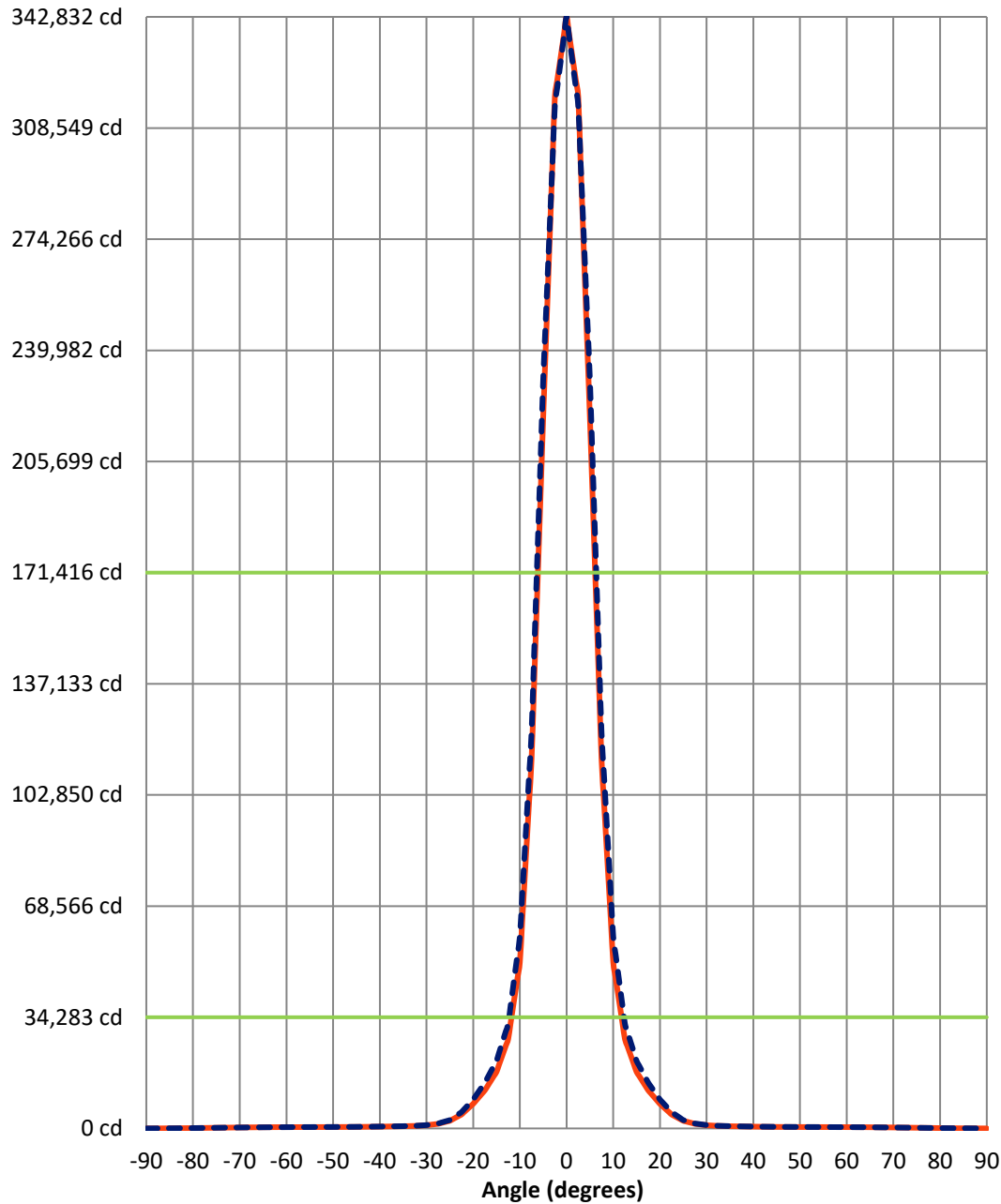
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 7852.4
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 17395.9
 Efficiency: 70.0%

Spill:
 Lumens: 7454.9
 Efficiency: 30.0%

— 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	0.8	1.6	2.3	3.0	3.6	4.2	4.9	5.5	6.2	6.8
85°	0.0	1.6	3.2	4.7	6.0	7.3	8.4	9.7	11.1	12.4	13.7
82.5°	0.0	2.4	4.8	7.0	9.0	10.9	12.6	14.6	16.8	19.8	22.9
80°	0.0	3.2	6.4	9.3	12.0	14.5	16.9	20.8	24.9	29.1	33.4
77.5°	0.0	4.0	8.0	11.6	15.0	18.5	22.8	27.8	33.0	38.4	44.1
75°	0.0	4.8	9.6	13.9	18.1	23.4	28.6	34.6	41.1	48.5	55.6
72.5°	0.0	5.6	11.1	16.2	22.0	28.2	34.4	41.8	50.6	59.0	67.0
70°	0.0	6.3	12.6	18.6	25.8	33.0	40.3	50.3	60.1	69.5	82.5
67.5°	0.0	7.1	14.1	21.4	29.6	37.7	47.6	58.6	69.5	83.8	98.7
65°	0.0	7.8	15.6	24.2	33.3	42.9	54.7	66.8	81.7	97.8	114.9
62.5°	0.0	8.5	17.1	26.9	36.9	48.7	61.7	76.4	93.5	111.7	131.6
60°	0.0	9.2	18.5	29.6	40.5	54.2	68.4	86.2	105.0	126.4	147.9
57.5°	0.0	9.9	20.2	32.2	44.7	59.7	76.5	95.8	117.5	140.8	164.5
55°	0.0	10.6	21.9	34.7	48.9	64.9	84.6	105.2	129.9	155.0	181.0
52.5°	0.0	11.3	23.5	37.2	52.9	70.3	92.4	115.8	142.1	169.4	196.9
50°	0.0	11.9	25.0	39.6	56.8	76.6	99.9	126.1	154.0	183.4	212.8
47.5°	0.0	12.5	26.6	42.0	60.6	82.6	107.4	136.1	165.9	196.8	228.2
45°	0.0	13.1	28.0	44.7	64.2	88.5	115.5	145.6	177.5	210.3	243.2
42.5°	0.0	13.6	29.4	47.3	67.6	94.1	123.3	155.0	188.6	223.3	256.1
40°	0.0	14.2	30.7	49.7	71.3	99.4	130.7	164.3	199.4	235.8	268.1
37.5°	0.0	14.7	32.0	51.9	75.4	104.5	137.6	173.1	209.9	247.1	279.6
35°	0.0	15.2	33.2	54.0	79.2	109.8	144.2	181.4	219.7	256.6	289.9
32.5°	0.0	15.6	34.3	55.9	82.8	114.9	150.4	189.3	228.8	265.6	298.8
30°	0.0	16.0	35.3	57.7	86.2	119.6	156.7	196.6	237.3	273.9	307.0
27.5°	0.0	16.4	36.3	59.3	89.3	124.0	162.4	203.5	244.8	281.7	314.6
25°	0.0	16.8	37.2	60.8	92.1	128.0	167.7	209.7	251.0	288.2	321.6
22.5°	0.0	17.1	38.0	62.1	94.7	131.7	172.6	215.4	256.7	293.8	326.9
20°	0.0	17.4	38.7	63.3	97.0	135.0	176.9	220.4	261.7	298.9	331.6
17.5°	0.0	17.6	39.4	64.3	99.1	138.0	180.8	224.8	266.2	303.3	335.9
15°	0.0	17.9	39.9	65.1	101.0	140.5	184.2	228.6	270.0	307.1	339.7
12.5°	0.0	18.1	40.4	65.8	102.5	142.7	187.2	231.7	273.2	310.3	342.9
10°	0.0	18.2	40.8	66.3	103.8	144.5	189.6	234.2	275.7	312.8	345.4
7.5°	0.0	18.3	41.1	66.7	104.9	145.9	191.5	236.0	277.6	314.6	347.2
5°	0.0	18.4	41.3	66.9	105.6	146.9	192.8	237.2	278.8	315.8	348.3
2.5°	0.0	18.5	41.5	67.0	106.0	147.5	193.6	237.8	279.4	316.3	348.7
0°	0.0	18.5	41.5	66.9	106.2	147.7	193.9	237.7	279.3	316.2	348.5
-2.5°	0.0	18.5	41.5	67.0	106.0	147.5	193.6	237.8	279.4	316.3	348.7
-5°	0.0	18.4	41.3	66.9	105.6	146.9	192.8	237.2	278.8	315.8	348.3
-7.5°	0.0	18.3	41.1	66.7	104.9	145.9	191.5	236.0	277.6	314.6	347.2
-10°	0.0	18.2	40.8	66.3	103.8	144.5	189.6	234.2	275.7	312.8	345.4
-12.5°	0.0	18.1	40.4	65.8	102.5	142.7	187.2	231.7	273.2	310.3	342.9
-15°	0.0	17.9	39.9	65.1	101.0	140.5	184.2	228.6	270.0	307.1	339.7
-17.5°	0.0	17.6	39.4	64.3	99.1	138.0	180.8	224.8	266.2	303.3	335.9
-20°	0.0	17.4	38.7	63.3	97.0	135.0	176.9	220.4	261.7	298.9	331.6



REPORT NUMBER: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.1	38.0	62.1	94.7	131.7	172.6	215.4	256.7	293.8	326.9
-25°	0.0	16.8	37.2	60.8	92.1	128.0	167.7	209.7	251.0	288.2	321.6
-27.5°	0.0	16.4	36.3	59.3	89.3	124.0	162.4	203.5	244.8	281.7	314.6
-30°	0.0	16.0	35.3	57.7	86.2	119.6	156.7	196.6	237.3	273.9	307.0
-32.5°	0.0	15.6	34.3	55.9	82.8	114.9	150.4	189.3	228.8	265.6	298.8
-35°	0.0	15.2	33.2	54.0	79.2	109.8	144.2	181.4	219.7	256.6	289.9
-37.5°	0.0	14.7	32.0	51.9	75.4	104.5	137.6	173.1	209.9	247.1	279.6
-40°	0.0	14.2	30.7	49.7	71.3	99.4	130.7	164.3	199.4	235.8	268.1
-42.5°	0.0	13.6	29.4	47.3	67.6	94.1	123.3	155.0	188.6	223.3	256.1
-45°	0.0	13.1	28.0	44.7	64.2	88.5	115.5	145.6	177.5	210.3	243.2
-47.5°	0.0	12.5	26.6	42.0	60.6	82.6	107.4	136.1	165.9	196.8	228.2
-50°	0.0	11.9	25.0	39.6	56.8	76.6	99.9	126.1	154.0	183.4	212.8
-52.5°	0.0	11.3	23.5	37.2	52.9	70.3	92.4	115.8	142.1	169.4	196.9
-55°	0.0	10.6	21.9	34.7	48.9	64.9	84.6	105.2	129.9	155.0	181.0
-57.5°	0.0	9.9	20.2	32.2	44.7	59.7	76.5	95.8	117.5	140.8	164.5
-60°	0.0	9.2	18.5	29.6	40.5	54.2	68.4	86.2	105.0	126.4	147.9
-62.5°	0.0	8.5	17.1	26.9	36.9	48.7	61.7	76.4	93.5	111.7	131.6
-65°	0.0	7.8	15.6	24.2	33.3	42.9	54.7	66.8	81.7	97.8	114.9
-67.5°	0.0	7.1	14.1	21.4	29.6	37.7	47.6	58.6	69.5	83.8	98.7
-70°	0.0	6.3	12.6	18.6	25.8	33.0	40.3	50.3	60.1	69.5	82.5
-72.5°	0.0	5.6	11.1	16.2	22.0	28.2	34.4	41.8	50.6	59.0	67.0
-75°	0.0	4.8	9.6	13.9	18.1	23.4	28.6	34.6	41.1	48.5	55.6
-77.5°	0.0	4.0	8.0	11.6	15.0	18.5	22.8	27.8	33.0	38.4	44.1
-80°	0.0	3.2	6.4	9.3	12.0	14.5	16.9	20.8	24.9	29.1	33.4
-82.5°	0.0	2.4	4.8	7.0	9.0	10.9	12.6	14.6	16.8	19.8	22.9
-85°	0.0	1.6	3.2	4.7	6.0	7.3	8.4	9.7	11.1	12.4	13.7
-87.5°	0.0	0.8	1.6	2.3	3.0	3.6	4.2	4.9	5.5	6.2	6.8
-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: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TS-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°	7.5	8.1	8.7	9.3	9.9	10.4	10.9	11.5	11.9	12.4	12.9
85°	14.9	16.2	17.8	19.2	20.6	21.8	22.9	23.8	25.2	26.6	28.0
82.5°	25.5	27.7	29.6	31.1	32.8	34.3	36.0	38.7	42.2	45.6	48.7
80°	36.6	39.2	42.8	46.9	51.2	55.3	59.3	63.1	67.2	71.7	76.4
77.5°	49.2	54.4	60.1	66.3	72.3	79.2	86.2	93.3	99.7	105.3	110.3
75°	62.2	69.4	78.9	88.5	97.6	106.7	115.9	124.8	132.5	139.8	147.0
72.5°	77.5	89.2	100.6	111.7	123.4	134.7	145.3	155.3	165.2	175.1	184.5
70°	95.8	109.0	122.8	136.7	150.3	162.8	175.2	187.7	200.0	211.1	221.1
67.5°	114.1	129.9	145.7	161.4	176.3	190.6	205.2	219.6	233.3	245.0	255.3
65°	132.8	150.5	168.2	185.2	201.4	218.2	234.6	250.5	263.4	274.2	284.6
62.5°	151.2	171.1	190.4	209.0	227.4	245.7	261.5	275.8	289.2	300.8	312.0
60°	169.9	191.6	212.5	233.0	252.5	269.2	285.3	299.6	313.0	325.8	335.3
57.5°	188.5	211.8	234.4	255.5	274.1	291.4	306.9	321.9	333.5	343.8	354.2
55°	206.6	231.7	254.9	275.7	294.5	311.1	326.8	339.3	351.0	360.6	370.8
52.5°	224.4	250.6	273.6	294.5	312.7	329.1	342.9	355.4	366.2	376.1	384.4
50°	241.8	267.4	291.3	311.1	329.3	344.6	357.6	369.6	380.1	389.2	396.7
47.5°	257.3	283.8	306.3	326.6	343.8	358.4	370.9	382.4	392.8	400.8	408.2
45°	271.7	297.8	320.7	340.1	356.9	370.6	382.8	394.6	403.2	411.1	416.9
42.5°	285.6	310.8	333.1	353.2	368.0	381.3	393.7	403.9	412.8	419.7	425.9
40°	297.3	323.4	344.8	362.9	378.1	390.8	402.2	412.5	421.3	428.1	434.7
37.5°	308.4	333.5	355.2	372.2	386.4	399.0	410.2	419.8	428.5	435.6	444.7
35°	319.1	343.2	363.4	379.9	393.8	406.1	416.9	426.7	435.2	445.1	455.6
32.5°	328.1	352.4	371.1	386.2	399.8	412.4	423.2	433.1	443.0	454.2	467.1
30°	335.8	359.2	377.8	391.9	405.5	417.4	429.0	439.6	450.5	463.9	480.8
27.5°	342.8	365.4	382.6	396.8	410.5	421.7	433.8	445.9	458.6	474.2	495.5
25°	349.3	371.0	386.8	401.3	414.0	425.6	438.2	450.6	466.4	487.1	514.9
22.5°	354.7	376.3	390.6	405.3	417.0	429.3	442.1	456.0	473.9	499.0	535.4
20°	358.9	379.4	393.8	408.3	419.4	432.5	445.6	460.7	482.1	514.7	556.9
17.5°	362.8	382.1	396.4	410.1	421.8	435.2	448.6	464.5	488.9	529.5	576.7
15°	366.2	384.3	398.6	411.6	423.9	437.3	451.4	469.5	497.9	543.8	594.6
12.5°	369.1	386.0	400.2	412.7	425.6	438.7	453.7	473.8	507.5	557.0	612.3
10°	371.6	387.4	401.4	413.5	426.8	439.5	455.6	476.6	514.4	564.5	622.9
7.5°	373.1	388.4	402.2	413.9	427.5	439.7	456.9	478.1	518.6	568.5	628.6
5°	373.9	389.3	403.1	414.7	428.4	440.3	458.0	478.3	520.3	569.2	630.7
2.5°	374.2	389.8	403.7	415.2	429.1	441.9	460.2	480.8	521.9	572.0	632.2
0°	373.9	390.0	403.9	415.4	429.3	443.1	461.6	482.4	521.6	574.7	632.4
-2.5°	374.2	389.8	403.7	415.2	429.1	441.9	460.2	480.8	521.9	572.0	632.2
-5°	373.9	389.3	403.1	414.7	428.4	440.3	458.0	478.3	520.3	569.2	630.7
-7.5°	373.1	388.4	402.2	413.9	427.5	439.7	456.9	478.1	518.6	568.5	628.6
-10°	371.6	387.4	401.4	413.5	426.8	439.5	455.6	476.6	514.4	564.5	622.9
-12.5°	369.1	386.0	400.2	412.7	425.6	438.7	453.7	473.8	507.5	557.0	612.3
-15°	366.2	384.3	398.6	411.6	423.9	437.3	451.4	469.5	497.9	543.8	594.6
-17.5°	362.8	382.1	396.4	410.1	421.8	435.2	448.6	464.5	488.9	529.5	576.7
-20°	358.9	379.4	393.8	408.3	419.4	432.5	445.6	460.7	482.1	514.7	556.9



REPORT NUMBER: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	354.7	376.3	390.6	405.3	417.0	429.3	442.1	456.0	473.9	499.0	535.4
-25°	349.3	371.0	386.8	401.3	414.0	425.6	438.2	450.6	466.4	487.1	514.9
-27.5°	342.8	365.4	382.6	396.8	410.5	421.7	433.8	445.9	458.6	474.2	495.5
-30°	335.8	359.2	377.8	391.9	405.5	417.4	429.0	439.6	450.5	463.9	480.8
-32.5°	328.1	352.4	371.1	386.2	399.8	412.4	423.2	433.1	443.0	454.2	467.1
-35°	319.1	343.2	363.4	379.9	393.8	406.1	416.9	426.7	435.2	445.1	455.6
-37.5°	308.4	333.5	355.2	372.2	386.4	399.0	410.2	419.8	428.5	435.6	444.7
-40°	297.3	323.4	344.8	362.9	378.1	390.8	402.2	412.5	421.3	428.1	434.7
-42.5°	285.6	310.8	333.1	353.2	368.0	381.3	393.7	403.9	412.8	419.7	425.9
-45°	271.7	297.8	320.7	340.1	356.9	370.6	382.8	394.6	403.2	411.1	416.9
-47.5°	257.3	283.8	306.3	326.6	343.8	358.4	370.9	382.4	392.8	400.8	408.2
-50°	241.8	267.4	291.3	311.1	329.3	344.6	357.6	369.6	380.1	389.2	396.7
-52.5°	224.4	250.6	273.6	294.5	312.7	329.1	342.9	355.4	366.2	376.1	384.4
-55°	206.6	231.7	254.9	275.7	294.5	311.1	326.8	339.3	351.0	360.6	370.8
-57.5°	188.5	211.8	234.4	255.5	274.1	291.4	306.9	321.9	333.5	343.8	354.2
-60°	169.9	191.6	212.5	233.0	252.5	269.2	285.3	299.6	313.0	325.8	335.3
-62.5°	151.2	171.1	190.4	209.0	227.4	245.7	261.5	275.8	289.2	300.8	312.0
-65°	132.8	150.5	168.2	185.2	201.4	218.2	234.6	250.5	263.4	274.2	284.6
-67.5°	114.1	129.9	145.7	161.4	176.3	190.6	205.2	219.6	233.3	245.0	255.3
-70°	95.8	109.0	122.8	136.7	150.3	162.8	175.2	187.7	200.0	211.1	221.1
-72.5°	77.5	89.2	100.6	111.7	123.4	134.7	145.3	155.3	165.2	175.1	184.5
-75°	62.2	69.4	78.9	88.5	97.6	106.7	115.9	124.8	132.5	139.8	147.0
-77.5°	49.2	54.4	60.1	66.3	72.3	79.2	86.2	93.3	99.7	105.3	110.3
-80°	36.6	39.2	42.8	46.9	51.2	55.3	59.3	63.1	67.2	71.7	76.4
-82.5°	25.5	27.7	29.6	31.1	32.8	34.3	36.0	38.7	42.2	45.6	48.7
-85°	14.9	16.2	17.8	19.2	20.6	21.8	22.9	23.8	25.2	26.6	28.0
-87.5°	7.5	8.1	8.7	9.3	9.9	10.4	10.9	11.5	11.9	12.4	12.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TS-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°	13.3	13.2	13.0	12.8	12.5	12.7	13.0	13.2	13.3	13.5	13.6
85°	29.4	30.6	31.9	33.1	34.4	35.3	36.1	36.8	37.5	38.0	38.4
82.5°	51.6	54.2	56.6	58.8	60.7	62.3	63.7	65.0	66.1	67.1	67.8
80°	80.5	84.5	88.3	91.8	95.1	97.7	99.9	101.7	103.1	104.7	106.1
77.5°	115.2	120.7	126.0	130.8	135.1	138.6	141.7	144.4	146.7	149.5	152.1
75°	154.2	160.9	167.0	172.6	177.8	182.4	186.5	190.0	193.1	196.1	198.7
72.5°	193.3	201.4	208.5	214.5	220.0	225.2	230.3	235.2	239.6	242.9	245.4
70°	230.2	238.5	246.1	252.9	259.2	265.8	272.5	278.6	284.3	287.9	290.0
67.5°	264.0	272.5	281.0	289.5	297.0	303.9	310.6	316.7	322.2	326.0	328.2
65°	294.5	303.8	313.1	321.7	329.7	335.6	341.7	347.5	352.9	357.3	360.5
62.5°	323.0	332.2	340.0	347.4	354.2	360.0	366.0	371.3	376.0	380.1	384.0
60°	344.8	354.1	361.8	368.6	374.9	380.8	385.5	389.5	392.6	395.2	397.6
57.5°	363.5	372.4	380.1	385.8	391.4	397.0	401.0	403.5	405.4	406.8	407.8
55°	379.6	386.8	393.3	399.5	405.0	409.8	413.4	415.0	416.1	416.6	417.1
52.5°	392.6	399.6	406.2	412.0	416.4	420.5	424.0	425.0	425.5	425.7	425.8
50°	404.4	411.2	416.5	421.5	425.9	429.6	432.6	434.0	434.9	435.0	434.6
47.5°	413.9	419.8	425.6	430.7	435.2	439.5	442.9	444.9	446.4	446.9	446.9
45°	422.3	429.2	435.3	441.3	446.6	452.1	456.9	460.1	463.3	465.5	466.6
42.5°	432.2	439.1	445.9	454.1	461.8	469.0	476.9	483.8	490.9	498.5	503.8
40°	442.3	449.7	460.2	470.2	481.3	491.5	507.9	524.4	536.9	547.6	557.2
37.5°	453.8	464.7	477.3	490.1	508.3	527.1	547.9	568.4	586.2	602.2	615.2
35°	467.0	481.7	497.1	519.9	543.0	566.3	591.2	618.4	641.4	658.3	670.4
32.5°	483.2	501.7	526.4	555.5	583.9	614.1	644.2	674.5	697.2	720.7	744.3
30°	501.2	527.8	559.7	595.1	630.6	666.7	704.5	746.5	786.4	829.4	890.8
27.5°	524.2	556.5	594.0	635.9	678.7	721.7	787.5	859.7	966.7	1052.2	1197.3
25°	548.6	586.5	631.2	679.7	732.1	809.0	929.5	1071.8	1324.1	1519.7	1816.5
22.5°	575.9	620.4	669.9	725.7	810.0	955.1	1161.1	1526.7	2035.4	2537.7	3096.4
20°	602.8	652.1	706.3	790.6	933.8	1163.4	1609.6	2400.0	3282.8	4539.6	5594.6
17.5°	628.3	680.7	749.4	863.5	1077.9	1539.6	2403.8	3757.7	5601.4	7627.5	9317.0
15°	650.6	704.2	796.8	977.5	1339.7	2058.9	3363.8	5667.9	8765.8	11539.8	14014.0
12.5°	669.6	733.0	848.1	1069.5	1567.1	2631.6	4724.8	7996.7	11779.7	15670.0	18801.2
10°	683.3	763.6	916.7	1239.8	1928.3	3313.2	5859.1	9986.3	14541.3	19269.6	24929.9
7.5°	691.6	785.4	968.7	1366.3	2250.5	4072.2	7282.1	11762.7	16993.5	23448.3	32096.4
5°	697.6	800.2	1007.2	1461.4	2465.8	4573.8	8180.6	13108.7	19109.3	28442.5	46240.9
2.5°	700.4	806.7	1029.1	1513.7	2563.9	4831.8	8812.8	13879.4	20396.7	31965.7	56039.5
0°	699.3	803.2	1031.7	1525.6	2578.0	5029.1	8918.0	14099.4	20831.7	32281.5	59180.8
-2.5°	700.4	806.7	1029.1	1513.7	2563.9	4831.8	8812.8	13879.4	20396.7	31965.7	56039.5
-5°	697.6	800.2	1007.2	1461.4	2465.8	4573.8	8180.6	13108.7	19109.3	28442.5	46240.9
-7.5°	691.6	785.4	968.7	1366.3	2250.5	4072.2	7282.1	11762.7	16993.5	23448.3	32096.4
-10°	683.3	763.6	916.7	1239.8	1928.3	3313.2	5859.1	9986.3	14541.3	19269.6	24929.9
-12.5°	669.6	733.0	848.1	1069.5	1567.1	2631.6	4724.8	7996.7	11779.7	15670.0	18801.2
-15°	650.6	704.2	796.8	977.5	1339.7	2058.9	3363.8	5667.9	8765.8	11539.8	14014.0
-17.5°	628.3	680.7	749.4	863.5	1077.9	1539.6	2403.8	3757.7	5601.4	7627.5	9317.0
-20°	602.8	652.1	706.3	790.6	933.8	1163.4	1609.6	2400.0	3282.8	4539.6	5594.6



REPORT NUMBER: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	575.9	620.4	669.9	725.7	810.0	955.1	1161.1	1526.7	2035.4	2537.7	3096.4
-25°	548.6	586.5	631.2	679.7	732.1	809.0	929.5	1071.8	1324.1	1519.7	1816.5
-27.5°	524.2	556.5	594.0	635.9	678.7	721.7	787.5	859.7	966.7	1052.2	1197.3
-30°	501.2	527.8	559.7	595.1	630.6	666.7	704.5	746.5	786.4	829.4	890.8
-32.5°	483.2	501.7	526.4	555.5	583.9	614.1	644.2	674.5	697.2	720.7	744.3
-35°	467.0	481.7	497.1	519.9	543.0	566.3	591.2	618.4	641.4	658.3	670.4
-37.5°	453.8	464.7	477.3	490.1	508.3	527.1	547.9	568.4	586.2	602.2	615.2
-40°	442.3	449.7	460.2	470.2	481.3	491.5	507.9	524.4	536.9	547.6	557.2
-42.5°	432.2	439.1	445.9	454.1	461.8	469.0	476.9	483.8	490.9	498.5	503.8
-45°	422.3	429.2	435.3	441.3	446.6	452.1	456.9	460.1	463.3	465.5	466.6
-47.5°	413.9	419.8	425.6	430.7	435.2	439.5	442.9	444.9	446.4	446.9	446.9
-50°	404.4	411.2	416.5	421.5	425.9	429.6	432.6	434.0	434.9	435.0	434.6
-52.5°	392.6	399.6	406.2	412.0	416.4	420.5	424.0	425.0	425.5	425.7	425.8
-55°	379.6	386.8	393.3	399.5	405.0	409.8	413.4	415.0	416.1	416.6	417.1
-57.5°	363.5	372.4	380.1	385.8	391.4	397.0	401.0	403.5	405.4	406.8	407.8
-60°	344.8	354.1	361.8	368.6	374.9	380.8	385.5	389.5	392.6	395.2	397.6
-62.5°	323.0	332.2	340.0	347.4	354.2	360.0	366.0	371.3	376.0	380.1	384.0
-65°	294.5	303.8	313.1	321.7	329.7	335.6	341.7	347.5	352.9	357.3	360.5
-67.5°	264.0	272.5	281.0	289.5	297.0	303.9	310.6	316.7	322.2	326.0	328.2
-70°	230.2	238.5	246.1	252.9	259.2	265.8	272.5	278.6	284.3	287.9	290.0
-72.5°	193.3	201.4	208.5	214.5	220.0	225.2	230.3	235.2	239.6	242.9	245.4
-75°	154.2	160.9	167.0	172.6	177.8	182.4	186.5	190.0	193.1	196.1	198.7
-77.5°	115.2	120.7	126.0	130.8	135.1	138.6	141.7	144.4	146.7	149.5	152.1
-80°	80.5	84.5	88.3	91.8	95.1	97.7	99.9	101.7	103.1	104.7	106.1
-82.5°	51.6	54.2	56.6	58.8	60.7	62.3	63.7	65.0	66.1	67.1	67.8
-85°	29.4	30.6	31.9	33.1	34.4	35.3	36.1	36.8	37.5	38.0	38.4
-87.5°	13.3	13.2	13.0	12.8	12.5	12.7	13.0	13.2	13.3	13.5	13.6
-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: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TS-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°	13.7	13.7	13.8	13.8	13.8	13.7	13.7	13.6	13.5	13.3	13.2
85°	38.8	39.0	39.2	39.2	39.2	39.0	38.8	38.4	38.0	37.5	36.8
82.5°	68.4	68.9	69.1	69.2	69.1	68.9	68.4	67.8	67.1	66.1	65.0
80°	107.1	107.9	108.3	108.5	108.3	107.9	107.1	106.1	104.7	103.1	101.7
77.5°	154.2	155.9	156.7	156.9	156.7	155.9	154.2	152.1	149.5	146.7	144.4
75°	200.6	202.0	202.8	203.1	202.8	202.0	200.6	198.7	196.1	193.1	190.0
72.5°	247.1	248.1	250.1	251.6	250.1	248.1	247.1	245.4	242.9	239.6	235.2
70°	291.3	291.9	293.8	295.4	293.8	291.9	291.3	290.0	287.9	284.3	278.6
67.5°	329.9	331.0	330.9	330.0	330.9	331.0	329.9	328.2	326.0	322.2	316.7
65°	363.2	365.5	365.6	364.7	365.6	365.5	363.2	360.5	357.3	352.9	347.5
62.5°	387.6	390.8	392.1	392.4	392.1	390.8	387.6	384.0	380.1	376.0	371.3
60°	399.5	400.9	401.5	401.6	401.5	400.9	399.5	397.6	395.2	392.6	389.5
57.5°	408.3	408.3	408.4	408.5	408.4	408.3	408.3	407.8	406.8	405.4	403.5
55°	417.4	417.4	416.7	415.4	416.7	417.4	417.4	417.1	416.6	416.1	415.0
52.5°	425.5	424.8	423.7	422.4	423.7	424.8	425.5	425.8	425.7	425.5	425.0
50°	433.6	432.1	431.5	431.6	431.5	432.1	433.6	434.6	435.0	434.9	434.0
47.5°	446.5	445.5	445.1	445.4	445.1	445.5	446.5	446.9	446.9	446.4	444.9
45°	467.0	466.2	465.7	466.2	465.7	466.2	467.0	466.6	465.5	463.3	460.1
42.5°	506.7	507.0	506.8	507.8	506.8	507.0	506.7	503.8	498.5	490.9	483.8
40°	561.1	560.8	558.9	558.5	558.9	560.8	561.1	557.2	547.6	536.9	524.4
37.5°	620.6	620.6	618.7	618.5	618.7	620.6	620.6	615.2	602.2	586.2	568.4
35°	676.7	678.8	678.3	676.2	678.3	678.8	676.7	670.4	658.3	641.4	618.4
32.5°	761.0	773.9	780.7	777.8	780.7	773.9	761.0	744.3	720.7	697.2	674.5
30°	929.4	962.6	980.1	987.8	980.1	962.6	929.4	890.8	829.4	786.4	746.5
27.5°	1301.2	1374.6	1407.6	1419.4	1407.6	1374.6	1301.2	1197.3	1052.2	966.7	859.7
25°	2075.8	2241.5	2323.2	2349.5	2323.2	2241.5	2075.8	1816.5	1519.7	1324.1	1071.8
22.5°	3711.8	4030.9	4249.0	4297.4	4249.0	4030.9	3711.8	3096.4	2537.7	2035.4	1526.7
20°	6655.2	7272.4	7607.2	7577.0	7607.2	7272.4	6655.2	5594.6	4539.6	3282.8	2400.0
17.5°	10753.2	11544.6	11921.3	11745.2	11921.3	11544.6	10753.2	9317.0	7627.5	5601.4	3757.7
15°	15763.8	16833.0	17299.3	17443.6	17299.3	16833.0	15763.8	14014.0	11539.8	8765.8	5667.9
12.5°	21926.8	25431.8	27108.0	27557.1	27108.0	25431.8	21926.8	18801.2	15670.0	11779.7	7996.7
10°	30719.5	42501.5	49509.5	51220.7	49509.5	42501.5	30719.5	24929.9	19269.6	14541.3	9986.3
7.5°	50167.7	74109.5	100929.8	113630.4	100929.8	74109.5	50167.7	32096.4	23448.3	16993.5	11762.7
5°	76505.5	132781.6	194878.8	219222.0	194878.8	132781.6	76505.5	46240.9	28442.5	19109.3	13108.7
2.5°	108523.7	200490.0	286293.2	318278.8	286293.2	200490.0	108523.7	56039.5	31965.7	20396.7	13879.4
0°	122051.0	231142.7	315433.0	342832.0	315433.0	231142.7	122051.0	59180.8	32281.5	20831.7	14099.4
-2.5°	108523.7	200490.0	286293.2	318278.7	286293.2	200490.0	108523.7	56039.5	31965.7	20396.7	13879.4
-5°	76505.5	132781.6	194878.8	219222.0	194878.8	132781.6	76505.5	46240.9	28442.5	19109.3	13108.7
-7.5°	50167.7	74109.5	100929.8	113630.4	100929.8	74109.5	50167.7	32096.4	23448.3	16993.5	11762.7
-10°	30719.5	42501.5	49509.5	51220.7	49509.5	42501.5	30719.5	24929.9	19269.6	14541.3	9986.3
-12.5°	21926.8	25431.8	27108.0	27557.1	27108.0	25431.8	21926.8	18801.2	15670.0	11779.7	7996.7
-15°	15763.8	16833.0	17299.3	17443.6	17299.3	16833.0	15763.8	14014.0	11539.8	8765.8	5667.9
-17.5°	10753.2	11544.6	11921.3	11745.2	11921.3	11544.6	10753.2	9317.0	7627.5	5601.4	3757.7
-20°	6655.2	7272.4	7607.2	7577.0	7607.2	7272.4	6655.2	5594.6	4539.6	3282.8	2400.0



REPORT NUMBER: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3711.8	4030.9	4249.0	4297.4	4249.0	4030.9	3711.8	3096.4	2537.7	2035.4	1526.7
-25°	2075.8	2241.5	2323.2	2349.5	2323.2	2241.5	2075.8	1816.5	1519.7	1324.1	1071.8
-27.5°	1301.2	1374.6	1407.6	1419.4	1407.6	1374.6	1301.2	1197.3	1052.2	966.7	859.7
-30°	929.4	962.6	980.1	987.8	980.1	962.6	929.4	890.8	829.4	786.4	746.5
-32.5°	761.0	773.9	780.7	777.8	780.7	773.9	761.0	744.3	720.7	697.2	674.5
-35°	676.7	678.8	678.3	676.2	678.3	678.8	676.7	670.4	658.3	641.4	618.4
-37.5°	620.6	620.6	618.7	618.5	618.7	620.6	620.6	615.2	602.2	586.2	568.4
-40°	561.1	560.8	558.9	558.5	558.9	560.8	561.1	557.2	547.6	536.9	524.4
-42.5°	506.7	507.0	506.8	507.8	506.8	507.0	506.7	503.8	498.5	490.9	483.8
-45°	467.0	466.2	465.7	466.2	465.7	466.2	467.0	466.6	465.5	463.3	460.1
-47.5°	446.5	445.5	445.1	445.4	445.1	445.5	446.5	446.9	446.9	446.4	444.9
-50°	433.6	432.1	431.5	431.6	431.5	432.1	433.6	434.6	435.0	434.9	434.0
-52.5°	425.5	424.8	423.7	422.4	423.7	424.8	425.5	425.8	425.7	425.5	425.0
-55°	417.4	417.4	416.7	415.4	416.7	417.4	417.4	417.1	416.6	416.1	415.0
-57.5°	408.3	408.3	408.4	408.5	408.4	408.3	408.3	407.8	406.8	405.4	403.5
-60°	399.5	400.9	401.5	401.6	401.5	400.9	399.5	397.6	395.2	392.6	389.5
-62.5°	387.6	390.8	392.1	392.4	392.1	390.8	387.6	384.0	380.1	376.0	371.3
-65°	363.2	365.5	365.6	364.7	365.6	365.5	363.2	360.5	357.3	352.9	347.5
-67.5°	329.9	331.0	330.9	330.0	330.9	331.0	329.9	328.2	326.0	322.2	316.7
-70°	291.3	291.9	293.8	295.4	293.8	291.9	291.3	290.0	287.9	284.3	278.6
-72.5°	247.1	248.1	250.1	251.6	250.1	248.1	247.1	245.4	242.9	239.6	235.2
-75°	200.6	202.0	202.8	203.1	202.8	202.0	200.6	198.7	196.1	193.1	190.0
-77.5°	154.2	155.9	156.7	156.9	156.7	155.9	154.2	152.1	149.5	146.7	144.4
-80°	107.1	107.9	108.3	108.5	108.3	107.9	107.1	106.1	104.7	103.1	101.7
-82.5°	68.4	68.9	69.1	69.2	69.1	68.9	68.4	67.8	67.1	66.1	65.0
-85°	38.8	39.0	39.2	39.2	39.2	39.0	38.8	38.4	38.0	37.5	36.8
-87.5°	13.7	13.7	13.8	13.8	13.8	13.7	13.7	13.6	13.5	13.3	13.2
-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: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TS-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°	13.0	12.7	12.5	12.8	13.0	13.2	13.3	12.9	12.4	11.9	11.5
85°	36.1	35.3	34.4	33.1	31.9	30.6	29.4	28.0	26.6	25.2	23.8
82.5°	63.7	62.3	60.7	58.8	56.6	54.2	51.6	48.7	45.6	42.2	38.7
80°	99.9	97.7	95.1	91.8	88.3	84.5	80.5	76.4	71.7	67.2	63.1
77.5°	141.7	138.6	135.1	130.8	126.0	120.7	115.2	110.3	105.3	99.7	93.3
75°	186.5	182.4	177.8	172.6	167.0	160.9	154.2	147.0	139.8	132.5	124.8
72.5°	230.3	225.2	220.0	214.5	208.5	201.4	193.3	184.5	175.1	165.2	155.3
70°	272.5	265.8	259.2	252.9	246.1	238.5	230.2	221.1	211.1	200.0	187.7
67.5°	310.6	303.9	297.0	289.5	281.0	272.5	264.0	255.3	245.0	233.3	219.6
65°	341.7	335.6	329.7	321.7	313.1	303.8	294.5	284.6	274.2	263.4	250.5
62.5°	366.0	360.0	354.2	347.4	340.0	332.2	323.0	312.0	300.8	289.2	275.8
60°	385.5	380.8	374.9	368.6	361.8	354.1	344.8	335.3	325.8	313.0	299.6
57.5°	401.0	397.0	391.4	385.8	380.1	372.4	363.5	354.2	343.8	333.5	321.9
55°	413.4	409.8	405.0	399.5	393.3	386.8	379.6	370.8	360.6	351.0	339.3
52.5°	424.0	420.5	416.4	412.0	406.2	399.6	392.6	384.4	376.1	366.2	355.4
50°	432.6	429.6	425.9	421.5	416.5	411.2	404.4	396.7	389.2	380.1	369.6
47.5°	442.9	439.5	435.2	430.7	425.6	419.8	413.9	408.2	400.8	392.8	382.4
45°	456.9	452.1	446.6	441.3	435.3	429.2	422.3	416.9	411.1	403.2	394.6
42.5°	476.9	469.0	461.8	454.1	445.9	439.1	432.2	425.9	419.7	412.8	403.9
40°	507.9	491.5	481.3	470.2	460.2	449.7	442.3	434.7	428.1	421.3	412.5
37.5°	547.9	527.1	508.3	490.1	477.3	464.7	453.8	444.7	435.6	428.5	419.8
35°	591.2	566.3	543.0	519.9	497.1	481.7	467.0	455.6	445.1	435.2	426.7
32.5°	644.2	614.1	583.9	555.5	526.4	501.7	483.2	467.1	454.2	443.0	433.1
30°	704.5	666.7	630.6	595.1	559.7	527.8	501.2	480.8	463.9	450.5	439.6
27.5°	787.5	721.7	678.7	635.9	594.0	556.5	524.2	495.5	474.2	458.6	445.9
25°	929.5	809.0	732.1	679.7	631.2	586.5	548.6	514.9	487.1	466.4	450.6
22.5°	1161.1	955.1	810.0	725.7	669.9	620.4	575.9	535.4	499.0	473.9	456.0
20°	1609.6	1163.4	933.8	790.6	706.3	652.1	602.8	556.9	514.7	482.1	460.7
17.5°	2403.8	1539.6	1077.9	863.5	749.4	680.7	628.3	576.7	529.5	488.9	464.5
15°	3363.8	2058.9	1339.7	977.5	796.8	704.2	650.6	594.6	543.8	497.9	469.5
12.5°	4724.8	2631.6	1567.1	1069.5	848.1	733.0	669.6	612.3	557.0	507.5	473.8
10°	5859.1	3313.2	1928.3	1239.8	916.7	763.6	683.3	622.9	564.5	514.4	476.6
7.5°	7282.1	4072.2	2250.5	1366.3	968.7	785.4	691.6	628.6	568.5	518.6	478.1
5°	8180.6	4573.8	2465.8	1461.4	1007.2	800.2	697.6	630.7	569.2	520.3	478.3
2.5°	8812.8	4831.8	2563.9	1513.7	1029.1	806.7	700.4	632.2	572.0	521.9	480.8
0°	8918.0	5029.1	2578.0	1525.6	1031.7	803.2	699.3	632.4	574.7	521.6	482.4
-2.5°	8812.8	4831.8	2563.9	1513.7	1029.1	806.7	700.4	632.2	572.0	521.9	480.8
-5°	8180.6	4573.8	2465.8	1461.4	1007.2	800.2	697.6	630.7	569.2	520.3	478.3
-7.5°	7282.1	4072.2	2250.5	1366.3	968.7	785.4	691.6	628.6	568.5	518.6	478.1
-10°	5859.1	3313.2	1928.3	1239.8	916.7	763.6	683.3	622.9	564.5	514.4	476.6
-12.5°	4724.8	2631.6	1567.1	1069.5	848.1	733.0	669.6	612.3	557.0	507.5	473.8
-15°	3363.8	2058.9	1339.7	977.5	796.8	704.2	650.6	594.6	543.8	497.9	469.5
-17.5°	2403.8	1539.6	1077.9	863.5	749.4	680.7	628.3	576.7	529.5	488.9	464.5
-20°	1609.6	1163.4	933.8	790.6	706.3	652.1	602.8	556.9	514.7	482.1	460.7



REPORT NUMBER: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1161.1	955.1	810.0	725.7	669.9	620.4	575.9	535.4	499.0	473.9	456.0
-25°	929.5	809.0	732.1	679.7	631.2	586.5	548.6	514.9	487.1	466.4	450.6
-27.5°	787.5	721.7	678.7	635.9	594.0	556.5	524.2	495.5	474.2	458.6	445.9
-30°	704.5	666.7	630.6	595.1	559.7	527.8	501.2	480.8	463.9	450.5	439.6
-32.5°	644.2	614.1	583.9	555.5	526.4	501.7	483.2	467.1	454.2	443.0	433.1
-35°	591.2	566.3	543.0	519.9	497.1	481.7	467.0	455.6	445.1	435.2	426.7
-37.5°	547.9	527.1	508.3	490.1	477.3	464.7	453.8	444.7	435.6	428.5	419.8
-40°	507.9	491.5	481.3	470.2	460.2	449.7	442.3	434.7	428.1	421.3	412.5
-42.5°	476.9	469.0	461.8	454.1	445.9	439.1	432.2	425.9	419.7	412.8	403.9
-45°	456.9	452.1	446.6	441.3	435.3	429.2	422.3	416.9	411.1	403.2	394.6
-47.5°	442.9	439.5	435.2	430.7	425.6	419.8	413.9	408.2	400.8	392.8	382.4
-50°	432.6	429.6	425.9	421.5	416.5	411.2	404.4	396.7	389.2	380.1	369.6
-52.5°	424.0	420.5	416.4	412.0	406.2	399.6	392.6	384.4	376.1	366.2	355.4
-55°	413.4	409.8	405.0	399.5	393.3	386.8	379.6	370.8	360.6	351.0	339.3
-57.5°	401.0	397.0	391.4	385.8	380.1	372.4	363.5	354.2	343.8	333.5	321.9
-60°	385.5	380.8	374.9	368.6	361.8	354.1	344.8	335.3	325.8	313.0	299.6
-62.5°	366.0	360.0	354.2	347.4	340.0	332.2	323.0	312.0	300.8	289.2	275.8
-65°	341.7	335.6	329.7	321.7	313.1	303.8	294.5	284.6	274.2	263.4	250.5
-67.5°	310.6	303.9	297.0	289.5	281.0	272.5	264.0	255.3	245.0	233.3	219.6
-70°	272.5	265.8	259.2	252.9	246.1	238.5	230.2	221.1	211.1	200.0	187.7
-72.5°	230.3	225.2	220.0	214.5	208.5	201.4	193.3	184.5	175.1	165.2	155.3
-75°	186.5	182.4	177.8	172.6	167.0	160.9	154.2	147.0	139.8	132.5	124.8
-77.5°	141.7	138.6	135.1	130.8	126.0	120.7	115.2	110.3	105.3	99.7	93.3
-80°	99.9	97.7	95.1	91.8	88.3	84.5	80.5	76.4	71.7	67.2	63.1
-82.5°	63.7	62.3	60.7	58.8	56.6	54.2	51.6	48.7	45.6	42.2	38.7
-85°	36.1	35.3	34.4	33.1	31.9	30.6	29.4	28.0	26.6	25.2	23.8
-87.5°	13.0	12.7	12.5	12.8	13.0	13.2	13.3	12.9	12.4	11.9	11.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TS-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°	10.9	10.4	9.9	9.3	8.7	8.1	7.5	6.8	6.2	5.5	4.9
85°	22.9	21.8	20.6	19.2	17.8	16.2	14.9	13.7	12.4	11.1	9.7
82.5°	36.0	34.3	32.8	31.1	29.6	27.7	25.5	22.9	19.8	16.8	14.6
80°	59.3	55.3	51.2	46.9	42.8	39.2	36.6	33.4	29.1	24.9	20.8
77.5°	86.2	79.2	72.3	66.3	60.1	54.4	49.2	44.1	38.4	33.0	27.8
75°	115.9	106.7	97.6	88.5	78.9	69.4	62.2	55.6	48.5	41.1	34.6
72.5°	145.3	134.7	123.4	111.7	100.6	89.2	77.5	67.0	59.0	50.6	41.8
70°	175.2	162.8	150.3	136.7	122.8	109.0	95.8	82.5	69.5	60.1	50.3
67.5°	205.2	190.6	176.3	161.4	145.7	129.9	114.1	98.7	83.8	69.5	58.6
65°	234.6	218.2	201.4	185.2	168.2	150.5	132.8	114.9	97.8	81.7	66.8
62.5°	261.5	245.7	227.4	209.0	190.4	171.1	151.2	131.6	111.7	93.5	76.4
60°	285.3	269.2	252.5	233.0	212.5	191.6	169.9	147.9	126.4	105.0	86.2
57.5°	306.9	291.4	274.1	255.5	234.4	211.8	188.5	164.5	140.8	117.5	95.8
55°	326.8	311.1	294.5	275.7	254.9	231.7	206.6	181.0	155.0	129.9	105.2
52.5°	342.9	329.1	312.7	294.5	273.6	250.6	224.4	196.9	169.4	142.1	115.8
50°	357.6	344.6	329.3	311.1	291.3	267.4	241.8	212.8	183.4	154.0	126.1
47.5°	370.9	358.4	343.8	326.6	306.3	283.8	257.3	228.2	196.8	165.9	136.1
45°	382.8	370.6	356.9	340.1	320.7	297.8	271.7	243.2	210.3	177.5	145.6
42.5°	393.7	381.3	368.0	353.2	333.1	310.8	285.6	256.1	223.3	188.6	155.0
40°	402.2	390.8	378.1	362.9	344.8	323.4	297.3	268.1	235.8	199.4	164.3
37.5°	410.2	399.0	386.4	372.2	355.2	333.5	308.4	279.6	247.1	209.9	173.1
35°	416.9	406.1	393.8	379.9	363.4	343.2	319.1	289.9	256.6	219.7	181.4
32.5°	423.2	412.4	399.8	386.2	371.1	352.4	328.1	298.8	265.6	228.8	189.3
30°	429.0	417.4	405.5	391.9	377.8	359.2	335.8	307.0	273.9	237.3	196.6
27.5°	433.8	421.7	410.5	396.8	382.6	365.4	342.8	314.6	281.7	244.8	203.5
25°	438.2	425.6	414.0	401.3	386.8	371.0	349.3	321.6	288.2	251.0	209.7
22.5°	442.1	429.3	417.0	405.3	390.6	376.3	354.7	326.9	293.8	256.7	215.4
20°	445.6	432.5	419.4	408.3	393.8	379.4	358.9	331.6	298.9	261.7	220.4
17.5°	448.6	435.2	421.8	410.1	396.4	382.1	362.8	335.9	303.3	266.2	224.8
15°	451.4	437.3	423.9	411.6	398.6	384.3	366.2	339.7	307.1	270.0	228.6
12.5°	453.7	438.7	425.6	412.7	400.2	386.0	369.1	342.9	310.3	273.2	231.7
10°	455.6	439.5	426.8	413.5	401.4	387.4	371.6	345.4	312.8	275.7	234.2
7.5°	456.9	439.7	427.5	413.9	402.2	388.4	373.1	347.2	314.6	277.6	236.0
5°	458.0	440.3	428.4	414.7	403.1	389.3	373.9	348.3	315.8	278.8	237.2
2.5°	460.2	441.9	429.1	415.2	403.7	389.8	374.2	348.7	316.3	279.4	237.8
0°	461.6	443.1	429.3	415.4	403.9	390.0	373.9	348.5	316.2	279.3	237.7
-2.5°	460.2	441.9	429.1	415.2	403.7	389.8	374.2	348.7	316.3	279.4	237.8
-5°	458.0	440.3	428.4	414.7	403.1	389.3	373.9	348.3	315.8	278.8	237.2
-7.5°	456.9	439.7	427.5	413.9	402.2	388.4	373.1	347.2	314.6	277.6	236.0
-10°	455.6	439.5	426.8	413.5	401.4	387.4	371.6	345.4	312.8	275.7	234.2
-12.5°	453.7	438.7	425.6	412.7	400.2	386.0	369.1	342.9	310.3	273.2	231.7
-15°	451.4	437.3	423.9	411.6	398.6	384.3	366.2	339.7	307.1	270.0	228.6
-17.5°	448.6	435.2	421.8	410.1	396.4	382.1	362.8	335.9	303.3	266.2	224.8
-20°	445.6	432.5	419.4	408.3	393.8	379.4	358.9	331.6	298.9	261.7	220.4



REPORT NUMBER: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	442.1	429.3	417.0	405.3	390.6	376.3	354.7	326.9	293.8	256.7	215.4
-25°	438.2	425.6	414.0	401.3	386.8	371.0	349.3	321.6	288.2	251.0	209.7
-27.5°	433.8	421.7	410.5	396.8	382.6	365.4	342.8	314.6	281.7	244.8	203.5
-30°	429.0	417.4	405.5	391.9	377.8	359.2	335.8	307.0	273.9	237.3	196.6
-32.5°	423.2	412.4	399.8	386.2	371.1	352.4	328.1	298.8	265.6	228.8	189.3
-35°	416.9	406.1	393.8	379.9	363.4	343.2	319.1	289.9	256.6	219.7	181.4
-37.5°	410.2	399.0	386.4	372.2	355.2	333.5	308.4	279.6	247.1	209.9	173.1
-40°	402.2	390.8	378.1	362.9	344.8	323.4	297.3	268.1	235.8	199.4	164.3
-42.5°	393.7	381.3	368.0	353.2	333.1	310.8	285.6	256.1	223.3	188.6	155.0
-45°	382.8	370.6	356.9	340.1	320.7	297.8	271.7	243.2	210.3	177.5	145.6
-47.5°	370.9	358.4	343.8	326.6	306.3	283.8	257.3	228.2	196.8	165.9	136.1
-50°	357.6	344.6	329.3	311.1	291.3	267.4	241.8	212.8	183.4	154.0	126.1
-52.5°	342.9	329.1	312.7	294.5	273.6	250.6	224.4	196.9	169.4	142.1	115.8
-55°	326.8	311.1	294.5	275.7	254.9	231.7	206.6	181.0	155.0	129.9	105.2
-57.5°	306.9	291.4	274.1	255.5	234.4	211.8	188.5	164.5	140.8	117.5	95.8
-60°	285.3	269.2	252.5	233.0	212.5	191.6	169.9	147.9	126.4	105.0	86.2
-62.5°	261.5	245.7	227.4	209.0	190.4	171.1	151.2	131.6	111.7	93.5	76.4
-65°	234.6	218.2	201.4	185.2	168.2	150.5	132.8	114.9	97.8	81.7	66.8
-67.5°	205.2	190.6	176.3	161.4	145.7	129.9	114.1	98.7	83.8	69.5	58.6
-70°	175.2	162.8	150.3	136.7	122.8	109.0	95.8	82.5	69.5	60.1	50.3
-72.5°	145.3	134.7	123.4	111.7	100.6	89.2	77.5	67.0	59.0	50.6	41.8
-75°	115.9	106.7	97.6	88.5	78.9	69.4	62.2	55.6	48.5	41.1	34.6
-77.5°	86.2	79.2	72.3	66.3	60.1	54.4	49.2	44.1	38.4	33.0	27.8
-80°	59.3	55.3	51.2	46.9	42.8	39.2	36.6	33.4	29.1	24.9	20.8
-82.5°	36.0	34.3	32.8	31.1	29.6	27.7	25.5	22.9	19.8	16.8	14.6
-85°	22.9	21.8	20.6	19.2	17.8	16.2	14.9	13.7	12.4	11.1	9.7
-87.5°	10.9	10.4	9.9	9.3	8.7	8.1	7.5	6.8	6.2	5.5	4.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TS-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°	4.2	3.6	3.0	2.3	1.6	0.8	0.0
85°	8.4	7.3	6.0	4.7	3.2	1.6	0.0
82.5°	12.6	10.9	9.0	7.0	4.8	2.4	0.0
80°	16.9	14.5	12.0	9.3	6.4	3.2	0.0
77.5°	22.8	18.5	15.0	11.6	8.0	4.0	0.0
75°	28.6	23.4	18.1	13.9	9.6	4.8	0.0
72.5°	34.4	28.2	22.0	16.2	11.1	5.6	0.0
70°	40.3	33.0	25.8	18.6	12.6	6.3	0.0
67.5°	47.6	37.7	29.6	21.4	14.1	7.1	0.0
65°	54.7	42.9	33.3	24.2	15.6	7.8	0.0
62.5°	61.7	48.7	36.9	26.9	17.1	8.5	0.0
60°	68.4	54.2	40.5	29.6	18.5	9.2	0.0
57.5°	76.5	59.7	44.7	32.2	20.2	9.9	0.0
55°	84.6	64.9	48.9	34.7	21.9	10.6	0.0
52.5°	92.4	70.3	52.9	37.2	23.5	11.3	0.0
50°	99.9	76.6	56.8	39.6	25.0	11.9	0.0
47.5°	107.4	82.6	60.6	42.0	26.6	12.5	0.0
45°	115.5	88.5	64.2	44.7	28.0	13.1	0.0
42.5°	123.3	94.1	67.6	47.3	29.4	13.6	0.0
40°	130.7	99.4	71.3	49.7	30.7	14.2	0.0
37.5°	137.6	104.5	75.4	51.9	32.0	14.7	0.0
35°	144.2	109.8	79.2	54.0	33.2	15.2	0.0
32.5°	150.4	114.9	82.8	55.9	34.3	15.6	0.0
30°	156.7	119.6	86.2	57.7	35.3	16.0	0.0
27.5°	162.4	124.0	89.3	59.3	36.3	16.4	0.0
25°	167.7	128.0	92.1	60.8	37.2	16.8	0.0
22.5°	172.6	131.7	94.7	62.1	38.0	17.1	0.0
20°	176.9	135.0	97.0	63.3	38.7	17.4	0.0
17.5°	180.8	138.0	99.1	64.3	39.4	17.6	0.0
15°	184.2	140.5	101.0	65.1	39.9	17.9	0.0
12.5°	187.2	142.7	102.5	65.8	40.4	18.1	0.0
10°	189.6	144.5	103.8	66.3	40.8	18.2	0.0
7.5°	191.5	145.9	104.9	66.7	41.1	18.3	0.0
5°	192.8	146.9	105.6	66.9	41.3	18.4	0.0
2.5°	193.6	147.5	106.0	67.0	41.5	18.5	0.0
0°	193.9	147.7	106.2	66.9	41.5	18.5	0.0
-2.5°	193.6	147.5	106.0	67.0	41.5	18.5	0.0
-5°	192.8	146.9	105.6	66.9	41.3	18.4	0.0
-7.5°	191.5	145.9	104.9	66.7	41.1	18.3	0.0
-10°	189.6	144.5	103.8	66.3	40.8	18.2	0.0
-12.5°	187.2	142.7	102.5	65.8	40.4	18.1	0.0
-15°	184.2	140.5	101.0	65.1	39.9	17.9	0.0
-17.5°	180.8	138.0	99.1	64.3	39.4	17.6	0.0
-20°	176.9	135.0	97.0	63.3	38.7	17.4	0.0



REPORT NUMBER: P559080 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	172.6	131.7	94.7	62.1	38.0	17.1	0.0
-25°	167.7	128.0	92.1	60.8	37.2	16.8	0.0
-27.5°	162.4	124.0	89.3	59.3	36.3	16.4	0.0
-30°	156.7	119.6	86.2	57.7	35.3	16.0	0.0
-32.5°	150.4	114.9	82.8	55.9	34.3	15.6	0.0
-35°	144.2	109.8	79.2	54.0	33.2	15.2	0.0
-37.5°	137.6	104.5	75.4	51.9	32.0	14.7	0.0
-40°	130.7	99.4	71.3	49.7	30.7	14.2	0.0
-42.5°	123.3	94.1	67.6	47.3	29.4	13.6	0.0
-45°	115.5	88.5	64.2	44.7	28.0	13.1	0.0
-47.5°	107.4	82.6	60.6	42.0	26.6	12.5	0.0
-50°	99.9	76.6	56.8	39.6	25.0	11.9	0.0
-52.5°	92.4	70.3	52.9	37.2	23.5	11.3	0.0
-55°	84.6	64.9	48.9	34.7	21.9	10.6	0.0
-57.5°	76.5	59.7	44.7	32.2	20.2	9.9	0.0
-60°	68.4	54.2	40.5	29.6	18.5	9.2	0.0
-62.5°	61.7	48.7	36.9	26.9	17.1	8.5	0.0
-65°	54.7	42.9	33.3	24.2	15.6	7.8	0.0
-67.5°	47.6	37.7	29.6	21.4	14.1	7.1	0.0
-70°	40.3	33.0	25.8	18.6	12.6	6.3	0.0
-72.5°	34.4	28.2	22.0	16.2	11.1	5.6	0.0
-75°	28.6	23.4	18.1	13.9	9.6	4.8	0.0
-77.5°	22.8	18.5	15.0	11.6	8.0	4.0	0.0
-80°	16.9	14.5	12.0	9.3	6.4	3.2	0.0
-82.5°	12.6	10.9	9.0	7.0	4.8	2.4	0.0
-85°	8.4	7.3	6.0	4.7	3.2	1.6	0.0
-87.5°	4.2	3.6	3.0	2.3	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)