

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: P558506 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-930-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558506 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1B-930-U-WAF-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

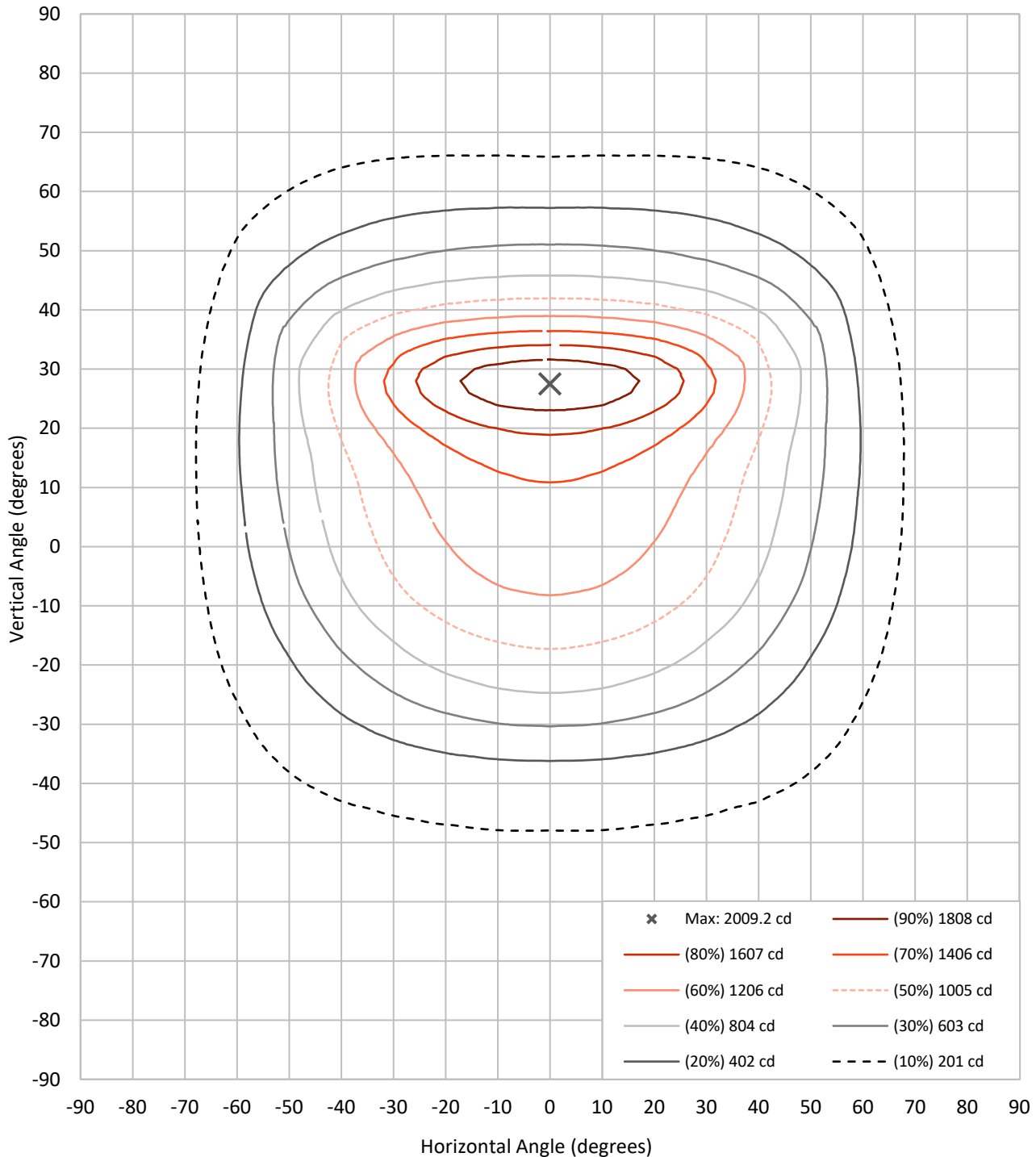
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	2929.1 lumens	Max Intensity:	2009.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	88.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	1519.2 lumens	Field Lumens:	2709.7 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	33		
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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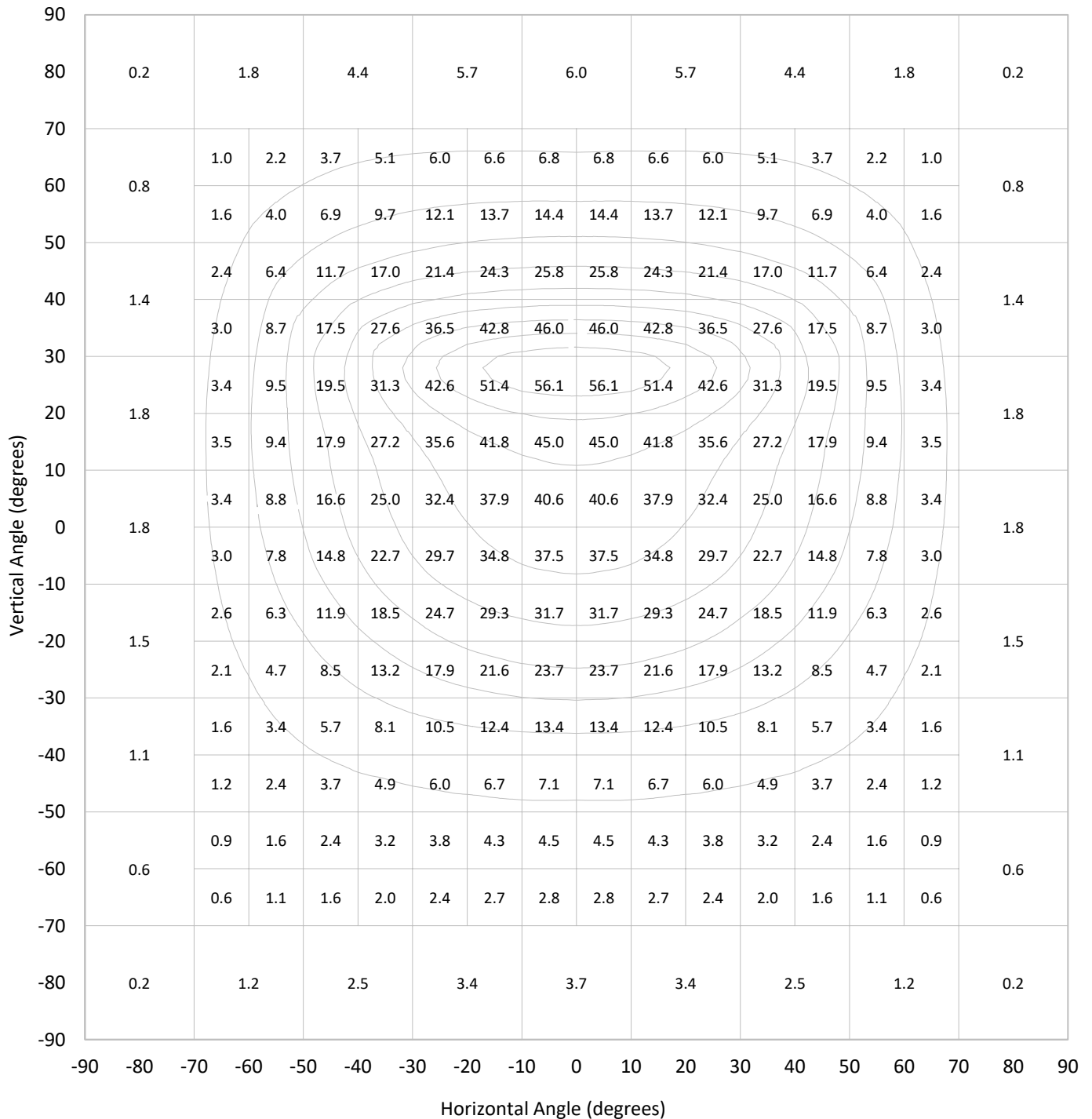
Iso-Candela Plot





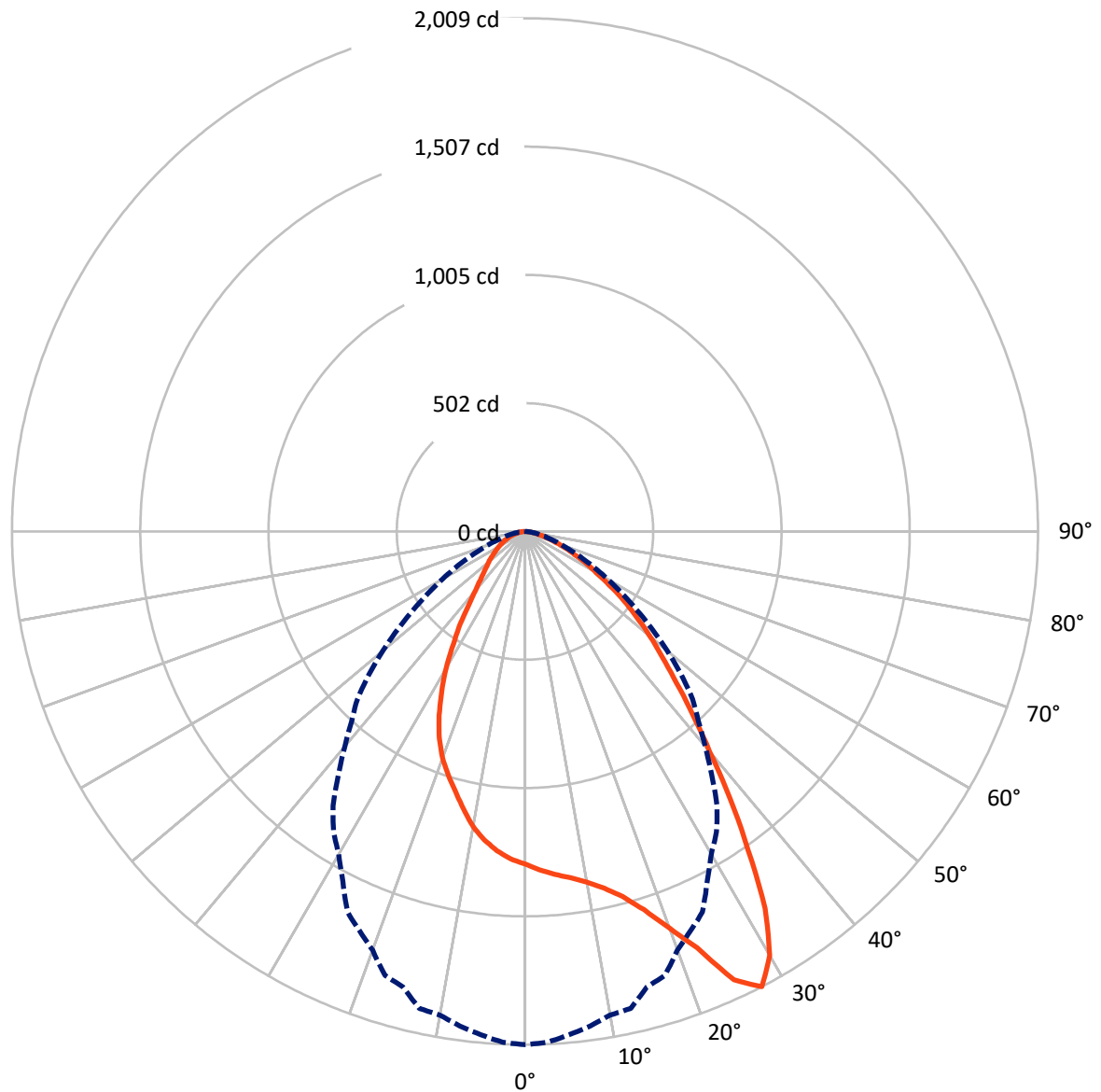
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Lumen Table



REPORT NUMBER: P558506 (CONVERTED FROM TYPE C PHOTOMETRY)
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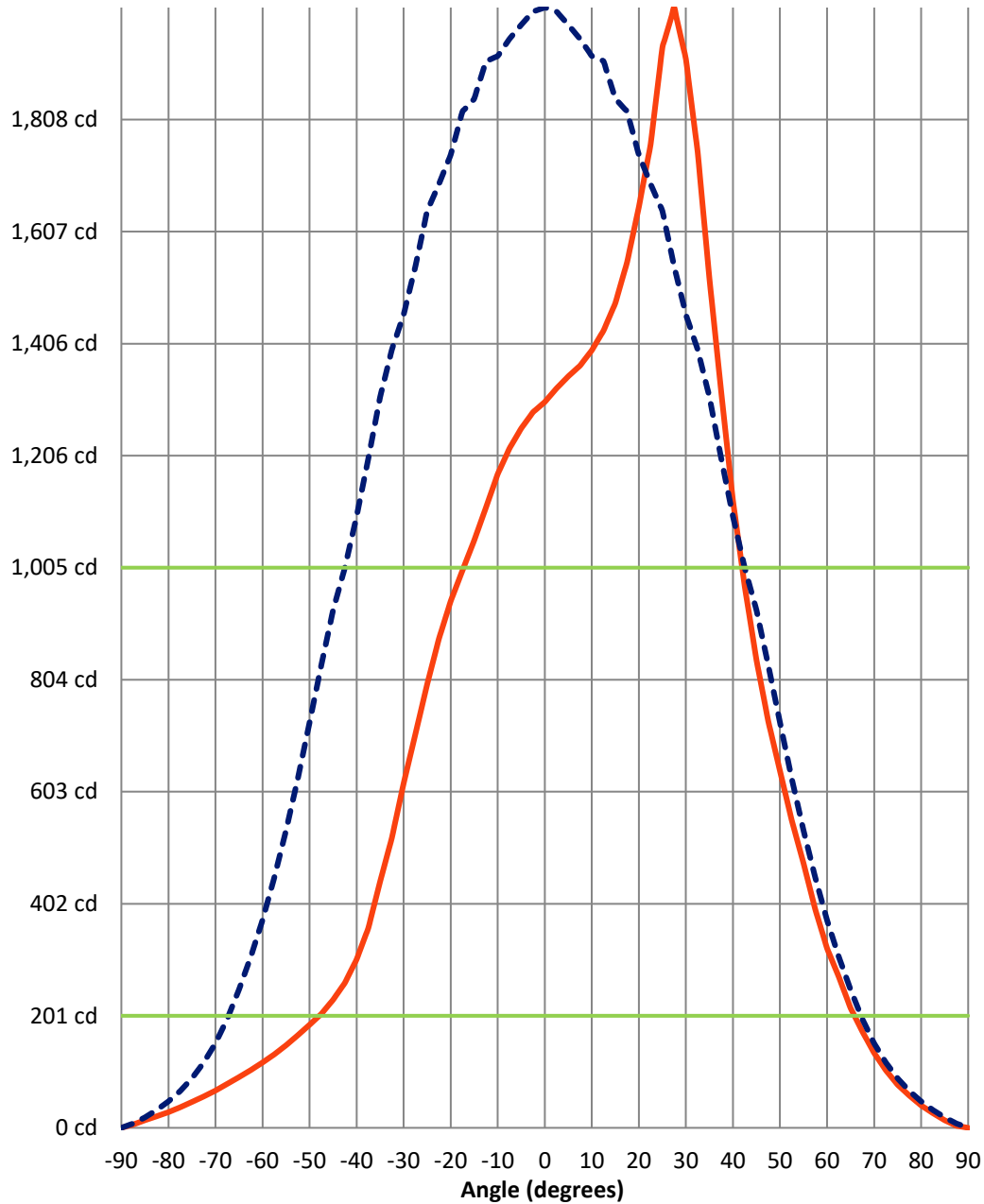
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 27.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 1519.2
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 2709.7
 Efficiency: 92.5%

Spill:
 Lumens: 219.4
 Efficiency: 7.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 27.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.6	2.9	3.2	3.5
85°	0.0	0.8	1.6	2.3	3.1	3.8	4.5	5.2	5.8	6.4	7.0
82.5°	0.0	1.2	2.3	3.5	4.6	5.7	6.7	7.7	8.9	10.8	12.8
80°	0.0	1.5	3.1	4.6	6.1	7.6	9.2	11.7	14.3	17.0	19.9
77.5°	0.0	1.9	3.9	5.8	7.6	9.9	13.0	16.3	19.7	23.2	27.4
75°	0.0	2.3	4.6	6.9	9.3	12.9	16.8	20.8	25.1	30.6	36.2
72.5°	0.0	2.7	5.4	8.0	11.6	15.9	20.5	25.6	31.9	38.3	44.9
70°	0.0	3.0	6.1	9.3	13.9	18.8	24.2	31.3	38.5	45.9	54.6
67.5°	0.0	3.4	6.9	10.9	16.1	21.7	28.9	36.9	45.0	54.7	64.4
65°	0.0	3.7	7.6	12.5	18.3	24.9	33.4	42.3	52.6	63.2	74.5
62.5°	0.0	4.1	8.3	14.0	20.4	28.4	37.8	48.4	59.9	71.8	85.6
60°	0.0	4.4	9.0	15.5	22.5	31.8	42.0	54.6	67.1	81.3	96.4
57.5°	0.0	4.7	9.9	17.0	25.0	35.1	46.7	60.6	74.9	90.5	108.7
55°	0.0	5.1	10.8	18.4	27.4	38.2	51.3	66.2	82.6	99.8	121.3
52.5°	0.0	5.4	11.7	19.8	29.7	41.2	55.7	72.1	89.9	110.2	133.2
50°	0.0	5.7	12.6	21.1	31.9	44.6	59.8	77.7	97.3	119.9	147.4
47.5°	0.0	6.0	13.4	22.4	34.0	47.7	63.7	82.9	105.3	129.0	160.9
45°	0.0	6.2	14.2	23.8	36.0	50.6	67.8	87.7	112.1	140.0	173.4
42.5°	0.0	6.5	15.0	25.2	37.8	53.3	71.5	92.8	118.5	150.1	187.4
40°	0.0	6.7	15.7	26.5	39.7	55.8	75.0	97.8	124.8	159.2	200.5
37.5°	0.0	7.0	16.4	27.8	41.5	58.1	78.1	102.4	131.7	167.5	212.3
35°	0.0	7.2	17.0	29.0	43.2	60.4	80.8	106.5	137.8	176.4	223.4
32.5°	0.0	7.4	17.6	30.0	44.7	62.5	83.5	110.2	143.1	184.0	233.3
30°	0.0	7.6	18.2	31.0	46.1	64.3	86.3	113.6	147.5	190.3	241.4
27.5°	0.0	7.8	18.7	32.0	47.4	65.9	88.8	117.1	151.6	195.3	248.0
25°	0.0	7.9	19.2	32.8	48.5	67.3	90.9	120.0	155.6	199.9	252.8
22.5°	0.0	8.1	19.6	33.5	49.5	68.5	92.5	122.2	158.6	203.6	257.0
20°	0.0	8.2	20.0	34.2	50.3	69.6	93.9	123.8	160.7	206.1	259.7
17.5°	0.0	8.3	20.3	34.7	51.0	70.6	95.1	124.8	161.8	207.2	261.0
15°	0.0	8.4	20.6	35.2	51.5	71.4	96.0	125.5	162.0	207.1	260.8
12.5°	0.0	8.5	20.8	35.6	51.9	71.9	96.6	126.1	162.0	205.9	259.2
10°	0.0	8.6	21.0	35.9	52.1	72.3	96.9	126.1	161.7	205.3	256.9
7.5°	0.0	8.6	21.2	36.1	52.2	72.4	96.8	125.7	160.8	204.0	254.2
5°	0.0	8.7	21.3	36.2	52.1	72.4	96.3	124.8	159.2	201.8	250.3
2.5°	0.0	8.7	21.3	36.3	51.9	72.1	95.6	123.5	157.0	198.8	245.3
0°	0.0	8.7	21.3	36.2	51.6	71.7	94.6	121.8	154.2	195.0	239.2
-2.5°	0.0	8.7	21.2	36.0	51.3	71.0	93.5	120.0	151.5	190.8	233.1
-5°	0.0	8.7	21.2	35.8	51.0	70.2	92.2	117.9	148.3	185.9	226.2
-7.5°	0.0	8.7	21.0	35.4	50.5	69.1	90.6	115.4	144.6	180.5	218.5
-10°	0.0	8.6	20.8	35.0	49.9	67.9	88.8	112.6	140.6	174.5	210.3
-12.5°	0.0	8.6	20.6	34.5	49.2	66.6	86.7	109.6	136.2	168.1	202.3
-15°	0.0	8.5	20.3	34.0	48.4	65.1	84.5	106.3	131.6	161.8	194.0
-17.5°	0.0	8.4	20.0	33.3	47.4	63.5	82.0	103.0	127.1	155.1	185.4
-20°	0.0	8.3	19.6	32.6	46.4	61.8	79.5	99.7	122.3	148.2	176.4



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 CATALOG NUMBER: GFLD-SA1B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.2	19.2	31.9	45.2	60.0	77.0	96.1	117.4	141.0	167.1
-25°	0.0	8.1	18.8	31.0	44.0	58.2	74.3	92.3	112.2	133.6	157.6
-27.5°	0.0	7.9	18.3	30.1	42.7	56.3	71.4	88.4	106.9	126.5	148.6
-30°	0.0	7.7	17.8	29.1	41.2	54.3	68.5	84.2	101.8	120.0	139.6
-32.5°	0.0	7.5	17.3	28.1	39.8	52.1	65.4	80.3	96.7	113.4	130.6
-35°	0.0	7.3	16.7	27.1	38.2	49.9	62.5	76.5	91.4	106.9	121.7
-37.5°	0.0	7.1	16.1	25.9	36.6	47.7	59.7	72.6	86.0	100.4	114.4
-40°	0.0	6.9	15.5	24.7	34.9	45.5	56.8	68.6	80.5	94.1	107.5
-42.5°	0.0	6.6	14.8	23.5	33.2	43.3	53.7	64.5	75.6	87.9	100.4
-45°	0.0	6.4	14.1	22.3	31.5	41.0	50.6	60.6	70.9	81.8	93.3
-47.5°	0.0	6.1	13.4	21.0	29.8	38.7	47.4	56.9	66.2	75.7	86.5
-50°	0.0	5.8	12.6	19.8	28.0	36.3	44.4	53.0	61.6	70.5	79.8
-52.5°	0.0	5.5	11.9	18.7	26.1	33.8	41.5	49.2	57.1	65.2	73.1
-55°	0.0	5.2	11.1	17.5	24.2	31.4	38.6	45.3	52.7	59.9	67.2
-57.5°	0.0	4.9	10.3	16.3	22.3	29.0	35.6	41.8	48.2	54.8	61.3
-60°	0.0	4.5	9.5	15.0	20.3	26.5	32.5	38.3	43.7	49.7	55.4
-62.5°	0.0	4.2	8.8	13.8	18.6	24.0	29.5	34.8	39.7	44.5	49.8
-65°	0.0	3.8	8.0	12.5	16.9	21.4	26.5	31.2	35.7	39.9	44.1
-67.5°	0.0	3.5	7.3	11.1	15.2	19.0	23.4	27.7	31.6	35.4	39.0
-70°	0.0	3.1	6.5	9.8	13.4	16.9	20.3	24.1	27.7	30.8	34.0
-72.5°	0.0	2.7	5.7	8.6	11.6	14.7	17.6	20.6	23.7	26.6	29.1
-75°	0.0	2.4	4.9	7.4	9.8	12.4	15.0	17.4	19.8	22.3	24.6
-77.5°	0.0	2.0	4.1	6.2	8.1	10.2	12.3	14.4	16.3	18.2	20.0
-80°	0.0	1.6	3.3	5.0	6.5	8.1	9.6	11.3	12.9	14.5	15.9
-82.5°	0.0	1.2	2.5	3.7	4.9	6.1	7.2	8.4	9.5	10.7	11.8
-85°	0.0	0.8	1.7	2.5	3.3	4.1	4.8	5.6	6.4	7.1	7.9
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	3.9
-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: P558506 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-WAF-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°	3.7	3.9	4.0	4.1	4.2	4.4	4.5	4.6	4.7	4.8	4.8
85°	7.4	7.7	8.6	9.5	10.4	11.3	12.0	12.6	13.2	13.6	13.9
82.5°	14.5	16.0	17.5	18.9	20.2	21.3	22.4	23.6	24.6	25.5	26.2
80°	22.2	24.3	26.9	29.4	31.5	33.5	35.3	37.0	38.2	39.5	40.8
77.5°	31.2	34.7	37.9	40.8	43.7	47.0	50.1	52.9	55.1	56.7	58.0
75°	41.0	45.0	49.7	54.3	58.6	62.6	66.5	71.2	75.0	77.9	80.2
72.5°	51.3	57.2	62.8	68.3	74.7	80.9	86.9	92.7	97.8	101.5	104.5
70°	62.5	69.3	77.1	85.1	92.7	100.5	108.8	116.3	122.5	126.9	131.1
67.5°	73.9	83.5	92.7	102.3	113.1	123.0	132.0	141.5	149.9	155.4	160.2
65°	87.1	97.8	110.2	122.9	134.7	147.1	158.4	168.8	179.4	187.0	193.4
62.5°	99.8	114.8	129.5	144.3	159.2	172.6	187.5	200.8	211.4	222.5	231.9
60°	115.0	132.8	150.7	168.6	185.3	204.1	220.4	235.9	250.1	262.4	274.0
57.5°	130.0	153.0	174.3	195.2	217.3	237.4	256.7	274.0	291.0	305.2	319.1
55°	145.9	175.5	200.0	225.9	250.2	273.0	294.6	316.2	334.3	353.9	370.9
52.5°	163.5	197.3	229.0	257.5	284.9	311.2	337.0	363.0	388.4	408.7	428.0
50°	180.0	220.3	258.3	290.9	322.4	353.6	385.8	418.3	446.4	469.6	489.7
47.5°	198.1	241.6	290.0	326.0	363.8	402.4	441.5	477.5	508.1	539.6	561.7
45°	215.7	263.1	315.6	365.6	409.4	456.1	499.2	538.9	583.2	617.7	647.2
42.5°	231.8	283.6	342.0	405.6	460.3	510.5	557.2	613.0	663.9	704.2	741.0
40°	248.4	302.1	366.0	442.8	511.2	564.7	621.5	683.2	749.4	799.0	843.1
37.5°	263.5	321.2	387.9	471.2	561.2	620.0	682.8	749.8	825.3	899.9	952.9
35°	276.9	337.3	409.7	494.2	586.4	673.7	740.1	811.4	894.1	990.8	1063.2
32.5°	289.1	350.4	427.0	512.2	605.7	708.0	792.3	865.5	948.4	1048.3	1171.3
30°	299.0	363.2	439.8	525.2	619.0	720.9	827.9	907.7	986.4	1084.4	1198.8
27.5°	306.5	372.5	448.7	533.3	626.1	726.8	829.8	928.2	1004.4	1096.6	1200.7
25°	312.3	380.1	453.4	536.4	627.1	724.2	823.3	916.5	1002.0	1083.3	1176.6
22.5°	317.1	385.4	458.5	534.3	622.4	714.9	808.1	896.9	979.7	1055.8	1136.1
20°	320.7	388.8	461.1	536.3	614.5	699.8	788.9	873.4	953.3	1027.0	1092.4
17.5°	322.3	389.8	461.1	535.9	613.1	687.8	765.3	846.5	925.1	998.4	1063.0
15°	322.0	388.5	458.6	533.1	609.1	683.0	754.5	821.5	894.7	968.7	1033.1
12.5°	319.8	385.0	453.6	527.7	602.6	675.6	745.8	813.1	878.7	940.7	1002.2
10°	315.9	379.4	446.2	520.0	593.5	665.5	734.8	802.3	867.2	928.1	985.4
7.5°	312.0	373.1	437.4	509.8	582.0	652.7	721.4	789.0	852.7	913.4	971.2
5°	306.7	366.4	430.7	500.0	569.6	638.6	705.8	773.1	835.1	896.4	954.4
2.5°	300.1	358.1	422.2	488.2	555.8	624.1	689.0	755.0	818.6	877.5	934.7
0°	292.1	348.3	412.0	474.1	539.6	607.0	669.4	734.0	800.2	855.8	911.7
-2.5°	283.4	336.6	397.1	458.9	522.2	588.3	652.2	713.5	778.2	834.4	891.5
-5°	273.6	323.6	380.6	441.7	502.7	567.1	632.3	690.5	752.4	807.9	864.1
-7.5°	262.9	309.6	362.7	422.4	480.5	541.3	603.0	659.0	719.1	774.1	828.8
-10°	251.7	295.8	345.4	400.5	455.4	512.0	570.0	624.9	682.6	737.4	790.0
-12.5°	240.9	282.2	327.5	377.7	428.8	481.1	535.1	588.1	642.8	697.8	747.1
-15°	229.6	267.9	309.1	354.0	401.1	449.0	498.5	548.7	600.1	653.9	699.4
-17.5°	217.9	253.0	290.2	329.8	372.4	415.8	461.3	509.7	556.8	605.8	649.8
-20°	205.9	237.7	271.2	305.3	343.1	384.7	427.4	470.8	513.6	556.3	597.6



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 CATALOG NUMBER: GFLD-SA1B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	193.8	222.1	252.6	282.6	318.6	356.1	393.5	431.2	469.6	506.4	545.5
-25°	182.1	207.6	234.5	263.7	294.6	327.7	359.8	391.7	425.7	460.2	493.8
-27.5°	170.8	193.3	218.7	244.8	270.5	299.9	328.1	355.1	384.8	415.2	442.4
-30°	159.5	180.8	203.1	226.2	248.9	273.4	297.8	321.5	345.7	371.7	395.2
-32.5°	149.1	168.5	188.7	209.0	228.3	247.3	269.8	290.8	310.6	329.2	349.7
-35°	139.5	157.3	174.9	192.3	208.2	225.0	243.8	261.5	277.4	292.3	308.0
-37.5°	130.4	146.3	161.1	176.7	190.8	205.2	219.0	234.3	247.2	259.1	272.0
-40°	121.3	135.5	148.9	161.9	174.8	186.8	198.6	209.0	219.4	230.9	239.7
-42.5°	112.4	125.6	137.5	147.5	159.7	170.1	179.2	187.9	196.3	205.3	212.3
-45°	104.5	115.8	126.6	136.2	145.3	154.2	162.0	168.8	176.7	182.9	188.3
-47.5°	96.5	106.3	116.2	125.1	132.7	139.9	145.7	152.5	159.1	164.4	167.5
-50°	88.7	97.6	106.1	114.3	121.2	127.0	132.0	137.6	143.1	147.6	150.6
-52.5°	81.5	88.9	96.7	103.8	110.1	115.3	120.1	124.9	129.0	132.0	136.0
-55°	74.4	81.2	87.7	94.0	99.5	104.2	108.9	113.2	116.7	119.3	122.6
-57.5°	67.7	73.9	79.6	84.8	89.7	93.8	98.3	102.1	105.3	107.8	111.1
-60°	61.2	66.7	71.9	76.5	80.5	84.5	88.2	91.6	94.4	96.9	99.9
-62.5°	54.7	59.7	64.3	68.6	72.2	75.5	78.9	81.8	84.1	86.7	89.2
-65°	48.6	52.8	56.9	60.8	64.2	67.4	70.1	72.5	74.7	76.9	79.0
-67.5°	42.5	46.5	49.9	53.0	56.2	59.2	61.7	63.9	65.7	67.6	69.3
-70°	37.1	40.2	43.4	46.2	48.6	51.1	53.6	55.6	57.2	58.7	60.1
-72.5°	31.8	34.6	37.2	39.6	41.8	43.8	45.7	47.6	49.1	50.2	51.2
-75°	26.8	28.9	31.1	33.2	35.0	36.6	38.1	39.6	40.8	41.8	42.6
-77.5°	21.9	23.7	25.4	27.0	28.3	29.6	30.7	31.8	32.8	33.5	34.0
-80°	17.2	18.5	19.9	21.2	22.2	23.0	23.8	24.4	25.1	25.8	26.5
-82.5°	12.8	13.8	14.7	15.5	16.2	16.8	17.3	17.8	18.4	18.8	19.2
-85°	8.4	9.0	9.6	10.1	10.6	11.1	11.4	11.8	12.1	12.3	12.5
-87.5°	4.2	4.5	4.8	5.0	5.2	5.5	5.7	5.9	6.0	6.1	6.2
-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: P558506 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-WAF-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°	4.8	4.9	4.9	4.8	4.8	4.6	4.4	4.1	3.9	4.0	4.1
85°	14.2	14.3	14.2	14.1	13.9	13.8	13.8	13.7	13.5	13.7	13.9
82.5°	26.7	26.9	26.9	26.8	26.5	26.6	26.7	26.6	26.4	26.6	26.8
80°	41.7	42.1	42.1	41.8	41.2	41.3	41.4	41.3	41.0	41.1	41.0
77.5°	59.4	60.3	60.6	60.5	59.9	59.8	59.4	58.6	57.4	57.4	57.4
75°	82.0	82.9	83.4	83.3	82.8	82.4	81.9	81.0	79.7	79.6	79.6
72.5°	106.8	108.2	108.8	109.4	109.4	109.2	108.5	107.1	105.1	104.8	105.1
70°	134.3	136.6	138.1	139.3	140.2	140.4	139.9	138.8	137.0	136.6	136.4
67.5°	165.0	168.7	171.5	173.4	175.1	176.4	176.9	176.4	174.9	174.4	174.6
65°	199.3	205.0	209.8	213.3	215.6	217.3	218.8	219.7	219.9	220.4	221.1
62.5°	239.5	246.5	253.0	257.5	259.8	261.4	266.1	268.8	269.6	269.8	270.8
60°	284.2	293.1	301.3	307.8	313.1	317.1	321.2	323.8	324.8	325.0	326.5
57.5°	333.2	344.3	353.9	364.1	371.2	375.3	380.7	386.2	389.1	389.9	393.3
55°	387.4	402.6	415.0	425.9	435.8	444.5	451.9	457.6	461.8	464.4	468.9
52.5°	447.3	465.2	478.1	490.9	505.2	515.2	521.7	532.2	539.9	544.1	549.4
50°	513.1	533.0	550.7	564.1	580.6	594.3	604.3	614.3	621.2	625.2	630.4
47.5°	588.0	612.5	633.0	645.5	664.6	680.8	687.3	694.8	707.9	714.3	719.8
45°	672.3	703.6	726.4	745.8	762.3	780.4	792.3	800.8	813.8	820.3	824.4
42.5°	772.6	807.4	837.5	860.8	874.7	898.2	915.3	920.0	938.4	950.8	954.5
40°	885.2	923.7	963.4	990.0	1012.3	1036.1	1064.3	1080.0	1095.6	1107.8	1110.5
37.5°	1002.4	1054.0	1099.3	1133.6	1170.5	1205.6	1235.6	1251.9	1262.1	1285.4	1294.1
35°	1121.6	1174.9	1238.3	1291.6	1336.4	1379.7	1413.9	1440.8	1466.4	1487.4	1499.9
32.5°	1223.2	1280.5	1358.7	1438.6	1486.9	1533.9	1590.0	1620.7	1654.9	1682.6	1702.7
30°	1306.6	1361.1	1432.3	1532.6	1598.7	1646.3	1717.3	1759.8	1797.0	1843.9	1860.2
27.5°	1310.6	1395.7	1458.6	1545.0	1644.3	1692.6	1745.1	1822.4	1845.9	1912.7	1922.3
25°	1276.2	1365.5	1430.3	1502.4	1584.9	1643.7	1691.6	1755.9	1789.5	1832.5	1865.5
22.5°	1222.3	1301.1	1367.2	1428.3	1492.7	1546.2	1590.0	1635.2	1672.1	1705.5	1736.5
20°	1162.9	1237.7	1300.3	1352.9	1404.0	1453.5	1493.0	1530.9	1562.8	1591.5	1609.1
17.5°	1121.1	1174.9	1238.9	1292.7	1337.0	1375.9	1416.7	1448.4	1476.4	1502.2	1518.4
15°	1092.5	1143.7	1189.2	1238.6	1285.3	1322.4	1353.1	1385.9	1410.1	1432.3	1449.7
12.5°	1062.8	1115.6	1163.2	1204.4	1240.9	1281.5	1314.3	1340.1	1365.5	1382.9	1400.8
10°	1038.1	1087.4	1136.8	1180.3	1218.7	1252.1	1283.2	1312.1	1334.9	1354.4	1368.5
7.5°	1023.7	1072.0	1116.5	1158.2	1195.7	1231.3	1263.3	1289.8	1312.4	1332.6	1347.4
5°	1007.0	1054.9	1099.3	1141.9	1177.9	1212.1	1244.0	1271.2	1294.6	1312.6	1326.8
2.5°	987.9	1035.1	1079.4	1122.7	1158.7	1191.7	1221.9	1248.5	1272.8	1290.0	1302.1
0°	966.1	1013.4	1056.7	1097.5	1133.6	1169.2	1197.0	1223.9	1247.7	1264.7	1276.7
-2.5°	944.2	991.1	1035.9	1075.0	1111.0	1143.7	1173.3	1198.7	1221.5	1238.4	1249.0
-5°	915.0	961.6	1005.9	1045.2	1082.7	1115.7	1144.4	1170.3	1192.2	1210.7	1225.0
-7.5°	879.6	926.8	971.0	1011.2	1048.5	1079.7	1107.3	1133.3	1156.7	1176.9	1194.5
-10°	840.8	887.5	929.2	966.8	1001.6	1033.3	1062.7	1088.4	1109.8	1129.6	1144.4
-12.5°	795.5	838.7	879.5	916.7	950.6	982.3	1010.3	1034.8	1056.3	1073.9	1087.3
-15°	745.5	786.6	825.2	863.2	898.8	930.0	954.6	980.4	999.1	1016.0	1028.1
-17.5°	692.1	731.8	772.4	810.5	843.4	874.1	901.2	924.8	944.4	960.0	973.6
-20°	637.9	678.4	717.5	753.7	785.4	813.9	841.3	864.0	884.1	901.0	917.0



REPORT NUMBER: P558506 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	583.5	620.6	657.4	692.8	722.7	749.7	773.7	795.4	813.1	833.0	847.1
-25°	527.6	560.2	593.3	624.7	652.9	679.4	701.2	720.2	738.7	757.9	771.7
-27.5°	471.5	500.2	527.2	554.9	579.6	602.6	622.8	639.5	657.4	670.3	685.4
-30°	416.0	442.0	464.5	483.8	507.1	526.8	542.5	559.0	573.9	586.2	598.9
-32.5°	369.0	386.8	404.7	420.8	436.3	452.6	465.2	479.6	489.8	500.3	510.6
-35°	323.8	337.5	349.4	364.5	376.1	384.9	395.5	406.1	410.2	421.7	427.8
-37.5°	282.8	291.8	303.0	313.5	322.1	328.6	338.1	343.6	346.6	354.0	358.0
-40°	247.8	253.5	263.9	271.0	276.2	281.0	288.8	292.4	296.4	300.1	300.2
-42.5°	217.0	224.3	231.4	237.0	240.3	245.7	249.4	249.8	255.0	258.3	258.8
-45°	191.8	199.2	204.8	209.0	212.3	216.9	219.3	220.6	224.8	227.1	228.1
-47.5°	172.4	177.6	182.4	185.6	189.9	193.4	195.2	197.4	200.6	202.7	204.1
-50°	155.4	159.5	163.2	166.1	170.4	173.5	175.2	177.9	180.3	181.8	183.0
-52.5°	140.5	144.1	146.7	149.5	153.1	155.8	158.0	160.6	162.6	163.9	165.0
-55°	126.5	129.9	132.4	135.5	138.0	139.8	141.6	144.3	146.2	147.6	148.5
-57.5°	114.1	116.7	119.1	121.9	124.3	126.3	127.9	129.4	130.7	131.8	132.6
-60°	102.5	104.6	106.8	109.1	110.9	112.3	114.0	115.4	116.2	116.8	117.5
-62.5°	91.4	93.3	95.2	97.0	98.5	99.7	101.1	102.2	103.0	103.5	103.9
-65°	80.8	82.4	84.1	85.6	86.8	87.9	88.9	89.6	90.2	90.7	91.0
-67.5°	70.9	72.2	73.3	74.4	75.3	76.2	77.0	77.6	78.0	78.3	78.7
-70°	61.3	62.3	63.1	63.7	64.3	65.0	65.8	66.4	66.7	67.1	67.4
-72.5°	52.1	52.8	53.5	54.0	54.3	54.8	55.3	55.8	56.1	56.4	56.6
-75°	43.2	43.8	44.4	44.8	45.0	45.3	45.6	45.8	45.8	45.9	46.0
-77.5°	34.5	35.1	35.6	36.0	36.2	36.5	36.7	36.8	36.8	36.9	36.8
-80°	26.9	27.3	27.7	28.0	28.1	28.3	28.4	28.5	28.4	28.5	28.5
-82.5°	19.6	19.9	20.2	20.5	20.6	20.8	21.0	21.0	21.1	21.1	21.1
-85°	12.7	12.8	13.0	13.1	13.2	13.3	13.4	13.4	13.4	13.4	13.4
-87.5°	6.3	6.2	6.2	6.0	5.9	5.9	6.0	6.0	6.0	6.1	6.1
-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: P558506 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-WAF-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°	4.2	4.3	4.0	3.7	4.0	4.3	4.2	4.1	4.0	3.9	4.1
85°	14.0	14.1	13.9	13.6	13.9	14.1	14.0	13.9	13.7	13.5	13.7
82.5°	26.8	26.8	26.6	26.3	26.6	26.8	26.8	26.8	26.6	26.4	26.6
80°	40.9	40.6	40.5	40.2	40.5	40.6	40.9	41.0	41.1	41.0	41.3
77.5°	57.2	56.9	57.4	57.8	57.4	56.9	57.2	57.4	57.4	57.4	58.6
75°	79.3	78.7	78.1	77.3	78.1	78.7	79.3	79.6	79.6	79.7	81.0
72.5°	105.0	104.5	104.0	103.2	104.0	104.5	105.0	105.1	104.8	105.1	107.1
70°	135.6	134.2	134.4	134.4	134.4	134.2	135.6	136.4	136.6	137.0	138.8
67.5°	174.1	172.8	172.9	172.8	172.9	172.8	174.1	174.6	174.4	174.9	176.4
65°	220.7	219.2	217.4	214.8	217.4	219.2	220.7	221.1	220.4	219.9	219.7
62.5°	270.7	269.4	270.1	270.7	270.1	269.4	270.7	270.8	269.8	269.6	268.8
60°	326.3	324.5	323.5	322.0	323.5	324.5	326.3	326.5	325.0	324.8	323.8
57.5°	394.9	394.5	393.7	391.6	393.7	394.5	394.9	393.3	389.9	389.1	386.2
55°	471.0	470.5	472.3	474.4	472.3	470.5	471.0	468.9	464.4	461.8	457.6
52.5°	553.4	554.8	554.3	551.4	554.3	554.8	553.4	549.4	544.1	539.9	532.2
50°	635.0	636.6	638.3	639.8	638.3	636.6	635.0	630.4	625.2	621.2	614.3
47.5°	727.5	731.6	732.3	729.4	732.3	731.6	727.5	719.8	714.3	707.9	694.8
45°	832.6	835.1	836.3	838.8	836.3	835.1	832.6	824.4	820.3	813.8	800.8
42.5°	965.0	967.9	968.4	971.1	968.4	967.9	965.0	954.5	950.8	938.4	920.0
40°	1122.3	1127.0	1126.2	1125.0	1126.2	1127.0	1122.3	1110.5	1107.8	1095.6	1080.0
37.5°	1306.4	1314.3	1315.1	1320.0	1315.1	1314.3	1306.4	1294.1	1285.4	1262.1	1251.9
35°	1512.9	1522.3	1520.7	1523.1	1520.7	1522.3	1512.9	1499.9	1487.4	1466.4	1440.8
32.5°	1721.3	1735.3	1738.2	1749.9	1738.2	1735.3	1721.3	1702.7	1682.6	1654.9	1620.7
30°	1885.1	1904.7	1917.4	1916.5	1917.4	1904.7	1885.1	1860.2	1843.9	1797.0	1759.8
27.5°	1952.9	1978.3	2002.0	2009.2	2002.0	1978.3	1952.9	1922.3	1912.7	1845.9	1822.4
25°	1886.7	1905.2	1926.2	1937.5	1926.2	1905.2	1886.7	1865.5	1832.5	1789.5	1755.9
22.5°	1750.7	1762.8	1770.0	1764.1	1770.0	1762.8	1750.7	1736.5	1705.5	1672.1	1635.2
20°	1627.4	1642.7	1645.5	1651.6	1645.5	1642.7	1627.4	1609.1	1591.5	1562.8	1530.9
17.5°	1535.5	1545.6	1551.4	1552.7	1551.4	1545.6	1535.5	1518.4	1502.2	1476.4	1448.4
15°	1463.5	1471.6	1476.8	1479.2	1476.8	1471.6	1463.5	1449.7	1432.3	1410.1	1385.9
12.5°	1412.6	1422.3	1427.1	1430.0	1427.1	1422.3	1412.6	1400.8	1382.9	1365.5	1340.1
10°	1379.9	1389.3	1393.1	1394.5	1393.1	1389.3	1379.9	1368.5	1354.4	1334.9	1312.1
7.5°	1356.4	1362.4	1365.0	1367.0	1365.0	1362.4	1356.4	1347.4	1332.6	1312.4	1289.8
5°	1337.4	1342.2	1344.9	1347.8	1344.9	1342.2	1337.4	1326.8	1312.6	1294.6	1271.2
2.5°	1311.6	1318.5	1323.3	1326.2	1323.3	1318.5	1311.6	1302.1	1290.0	1272.8	1248.5
0°	1286.3	1292.8	1296.2	1301.8	1296.2	1292.8	1286.3	1276.7	1264.7	1247.7	1223.9
-2.5°	1258.5	1266.0	1274.9	1283.5	1274.9	1266.0	1258.5	1249.0	1238.4	1221.5	1198.7
-5°	1237.2	1247.1	1249.0	1254.5	1249.0	1247.1	1237.2	1225.0	1210.7	1192.2	1170.3
-7.5°	1205.0	1209.6	1217.3	1218.6	1217.3	1209.6	1205.0	1194.5	1176.9	1156.7	1133.3
-10°	1155.5	1162.9	1167.7	1172.6	1167.7	1162.9	1155.5	1144.4	1129.6	1109.8	1088.4
-12.5°	1097.3	1106.0	1113.7	1112.6	1113.7	1106.0	1097.3	1087.3	1073.9	1056.3	1034.8
-15°	1040.6	1049.0	1054.3	1053.6	1054.3	1049.0	1040.6	1028.1	1016.0	999.1	980.4
-17.5°	984.4	992.0	999.7	999.5	999.7	992.0	984.4	973.6	960.0	944.4	924.8
-20°	926.3	932.8	941.1	944.5	941.1	932.8	926.3	917.0	901.0	884.1	864.0



REPORT NUMBER: P558506 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	859.1	867.5	873.5	877.1	873.5	867.5	859.1	847.1	833.0	813.1	795.4
-25°	780.8	789.4	794.0	795.5	794.0	789.4	780.8	771.7	757.9	738.7	720.2
-27.5°	694.3	703.9	708.6	706.2	708.6	703.9	694.3	685.4	670.3	657.4	639.5
-30°	605.6	611.7	612.5	617.8	612.5	611.7	605.6	598.9	586.2	573.9	559.0
-32.5°	518.0	522.1	519.8	520.2	519.8	522.1	518.0	510.6	500.3	489.8	479.6
-35°	431.6	434.9	435.5	441.6	435.5	434.9	431.6	427.8	421.7	410.2	406.1
-37.5°	362.2	363.5	361.4	358.5	361.4	363.5	362.2	358.0	354.0	346.6	343.6
-40°	303.2	304.2	303.5	302.0	303.5	304.2	303.2	300.2	300.1	296.4	292.4
-42.5°	260.8	260.8	260.1	259.9	260.1	260.8	260.8	258.8	258.3	255.0	249.8
-45°	229.5	229.8	229.8	229.6	229.8	229.8	229.5	228.1	227.1	224.8	220.6
-47.5°	205.2	205.2	204.9	204.3	204.9	205.2	205.2	204.1	202.7	200.6	197.4
-50°	183.7	183.7	184.1	184.8	184.1	183.7	183.7	183.0	181.8	180.3	177.9
-52.5°	165.5	165.5	165.7	166.0	165.7	165.5	165.5	165.0	163.9	162.6	160.6
-55°	148.9	148.8	148.5	148.0	148.5	148.8	148.9	148.5	147.6	146.2	144.3
-57.5°	132.9	132.8	132.4	131.7	132.4	132.8	132.9	132.6	131.8	130.7	129.4
-60°	117.8	117.9	117.7	117.1	117.7	117.9	117.8	117.5	116.8	116.2	115.4
-62.5°	104.0	103.8	103.7	103.5	103.7	103.8	104.0	103.9	103.5	103.0	102.2
-65°	91.1	90.9	90.9	90.9	90.9	90.9	91.1	91.0	90.7	90.2	89.6
-67.5°	78.9	78.8	78.9	78.8	78.9	78.8	78.9	78.7	78.3	78.0	77.6
-70°	67.6	67.7	67.4	66.8	67.4	67.7	67.6	67.4	67.1	66.7	66.4
-72.5°	56.5	56.4	56.3	56.2	56.3	56.4	56.5	56.6	56.4	56.1	55.8
-75°	46.0	45.9	46.2	46.4	46.2	45.9	46.0	46.0	45.9	45.8	45.8
-77.5°	36.6	36.4	36.6	36.8	36.6	36.4	36.6	36.8	36.9	36.8	36.8
-80°	28.4	28.3	28.2	28.1	28.2	28.3	28.4	28.5	28.5	28.4	28.5
-82.5°	21.0	20.9	20.8	20.7	20.8	20.9	21.0	21.1	21.1	21.1	21.0
-85°	13.3	13.2	13.4	13.6	13.4	13.2	13.3	13.4	13.4	13.4	13.4
-87.5°	6.1	6.2	6.0	5.9	6.0	6.2	6.1	6.1	6.1	6.0	6.0
-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: P558506 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-WAF-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°	4.4	4.6	4.8	4.8	4.9	4.9	4.8	4.8	4.8	4.7	4.6
85°	13.8	13.8	13.9	14.1	14.2	14.3	14.2	13.9	13.6	13.2	12.6
82.5°	26.7	26.6	26.5	26.8	26.9	26.9	26.7	26.2	25.5	24.6	23.6
80°	41.4	41.3	41.2	41.8	42.1	42.1	41.7	40.8	39.5	38.2	37.0
77.5°	59.4	59.8	59.9	60.5	60.6	60.3	59.4	58.0	56.7	55.1	52.9
75°	81.9	82.4	82.8	83.3	83.4	82.9	82.0	80.2	77.9	75.0	71.2
72.5°	108.5	109.2	109.4	109.4	108.8	108.2	106.8	104.5	101.5	97.8	92.7
70°	139.9	140.4	140.2	139.3	138.1	136.6	134.3	131.1	126.9	122.5	116.3
67.5°	176.9	176.4	175.1	173.4	171.5	168.7	165.0	160.2	155.4	149.9	141.5
65°	218.8	217.3	215.6	213.3	209.8	205.0	199.3	193.4	187.0	179.4	168.8
62.5°	266.1	261.4	259.8	257.5	253.0	246.5	239.5	231.9	222.5	211.4	200.8
60°	321.2	317.1	313.1	307.8	301.3	293.1	284.2	274.0	262.4	250.1	235.9
57.5°	380.7	375.3	371.2	364.1	353.9	344.3	333.2	319.1	305.2	291.0	274.0
55°	451.9	444.5	435.8	425.9	415.0	402.6	387.4	370.9	353.9	334.3	316.2
52.5°	521.7	515.2	505.2	490.9	478.1	465.2	447.3	428.0	408.7	388.4	363.0
50°	604.3	594.3	580.6	564.1	550.7	533.0	513.1	489.7	469.6	446.4	418.3
47.5°	687.3	680.8	664.6	645.5	633.0	612.5	588.0	561.7	539.6	508.1	477.5
45°	792.3	780.4	762.3	745.8	726.4	703.6	672.3	647.2	617.7	583.2	538.9
42.5°	915.3	898.2	874.7	860.8	837.5	807.4	772.6	741.0	704.2	663.9	613.0
40°	1064.3	1036.1	1012.3	990.0	963.4	923.7	885.2	843.1	799.0	749.4	683.2
37.5°	1235.6	1205.6	1170.5	1133.6	1099.3	1054.0	1002.4	952.9	899.9	825.3	749.8
35°	1413.9	1379.7	1336.4	1291.6	1238.3	1174.9	1121.6	1063.2	990.8	894.1	811.4
32.5°	1590.0	1533.9	1486.9	1438.6	1358.7	1280.5	1223.2	1171.3	1048.3	948.4	865.5
30°	1717.3	1646.3	1598.7	1532.6	1432.3	1361.1	1306.6	1198.8	1084.4	986.4	907.7
27.5°	1745.1	1692.6	1644.3	1545.0	1458.6	1395.7	1310.6	1200.7	1096.6	1004.4	928.2
25°	1691.6	1643.7	1584.9	1502.4	1430.3	1365.5	1276.2	1176.6	1083.3	1002.0	916.5
22.5°	1590.0	1546.2	1492.7	1428.3	1367.2	1301.1	1222.3	1136.1	1055.8	979.7	896.9
20°	1493.0	1453.5	1404.0	1352.9	1300.3	1237.7	1162.9	1092.4	1027.0	953.3	873.4
17.5°	1416.7	1375.9	1337.0	1292.7	1238.9	1174.9	1121.1	1063.0	998.4	925.1	846.5
15°	1353.1	1322.4	1285.3	1238.6	1189.2	1143.7	1092.5	1033.1	968.7	894.7	821.5
12.5°	1314.3	1281.5	1240.9	1204.4	1163.2	1115.6	1062.8	1002.2	940.7	878.7	813.1
10°	1283.2	1252.1	1218.7	1180.3	1136.8	1087.4	1038.1	985.4	928.1	867.2	802.3
7.5°	1263.3	1231.3	1195.7	1158.2	1116.5	1072.0	1023.7	971.2	913.4	852.7	789.0
5°	1244.0	1212.1	1177.9	1141.9	1099.3	1054.9	1007.0	954.4	896.4	835.1	773.1
2.5°	1221.9	1191.7	1158.7	1122.7	1079.4	1035.1	987.9	934.7	877.5	818.6	755.0
0°	1197.0	1169.2	1133.6	1097.5	1056.7	1013.4	966.1	911.7	855.8	800.2	734.0
-2.5°	1173.3	1143.7	1111.0	1075.0	1035.9	991.1	944.2	891.5	834.4	778.2	713.5
-5°	1144.4	1115.7	1082.7	1045.2	1005.9	961.6	915.0	864.1	807.9	752.4	690.5
-7.5°	1107.3	1079.7	1048.5	1011.2	971.0	926.8	879.6	828.8	774.1	719.1	659.0
-10°	1062.7	1033.3	1001.6	966.8	929.2	887.5	840.8	790.0	737.4	682.6	624.9
-12.5°	1010.3	982.3	950.6	916.7	879.5	838.7	795.5	747.1	697.8	642.8	588.1
-15°	954.6	930.0	898.8	863.2	825.2	786.6	745.5	699.4	653.9	600.1	548.7
-17.5°	901.2	874.1	843.4	810.5	772.4	731.8	692.1	649.8	605.8	556.8	509.7
-20°	841.3	813.9	785.4	753.7	717.5	678.4	637.9	597.6	556.3	513.6	470.8



REPORT NUMBER: P558506 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	773.7	749.7	722.7	692.8	657.4	620.6	583.5	545.5	506.4	469.6	431.2
-25°	701.2	679.4	652.9	624.7	593.3	560.2	527.6	493.8	460.2	425.7	391.7
-27.5°	622.8	602.6	579.6	554.9	527.2	500.2	471.5	442.4	415.2	384.8	355.1
-30°	542.5	526.8	507.1	483.8	464.5	442.0	416.0	395.2	371.7	345.7	321.5
-32.5°	465.2	452.6	436.3	420.8	404.7	386.8	369.0	349.7	329.2	310.6	290.8
-35°	395.5	384.9	376.1	364.5	349.4	337.5	323.8	308.0	292.3	277.4	261.5
-37.5°	338.1	328.6	322.1	313.5	303.0	291.8	282.8	272.0	259.1	247.2	234.3
-40°	288.8	281.0	276.2	271.0	263.9	253.5	247.8	239.7	230.9	219.4	209.0
-42.5°	249.4	245.7	240.3	237.0	231.4	224.3	217.0	212.3	205.3	196.3	187.9
-45°	219.3	216.9	212.3	209.0	204.8	199.2	191.8	188.3	182.9	176.7	168.8
-47.5°	195.2	193.4	189.9	185.6	182.4	177.6	172.4	167.5	164.4	159.1	152.5
-50°	175.2	173.5	170.4	166.1	163.2	159.5	155.4	150.6	147.6	143.1	137.6
-52.5°	158.0	155.8	153.1	149.5	146.7	144.1	140.5	136.0	132.0	129.0	124.9
-55°	141.6	139.8	138.0	135.5	132.4	129.9	126.5	122.6	119.3	116.7	113.2
-57.5°	127.9	126.3	124.3	121.9	119.1	116.7	114.1	111.1	107.8	105.3	102.1
-60°	114.0	112.3	110.9	109.1	106.8	104.6	102.5	99.9	96.9	94.4	91.6
-62.5°	101.1	99.7	98.5	97.0	95.2	93.3	91.4	89.2	86.7	84.1	81.8
-65°	88.9	87.9	86.8	85.6	84.1	82.4	80.8	79.0	76.9	74.7	72.5
-67.5°	77.0	76.2	75.3	74.4	73.3	72.2	70.9	69.3	67.6	65.7	63.9
-70°	65.8	65.0	64.3	63.7	63.1	62.3	61.3	60.1	58.7	57.2	55.6
-72.5°	55.3	54.8	54.3	54.0	53.5	52.8	52.1	51.2	50.2	49.1	47.6
-75°	45.6	45.3	45.0	44.8	44.4	43.8	43.2	42.6	41.8	40.8	39.6
-77.5°	36.7	36.5	36.2	36.0	35.6	35.1	34.5	34.0	33.5	32.8	31.8
-80°	28.4	28.3	28.1	28.0	27.7	27.3	26.9	26.5	25.8	25.1	24.4
-82.5°	21.0	20.8	20.6	20.5	20.2	19.9	19.6	19.2	18.8	18.4	17.8
-85°	13.4	13.3	13.2	13.1	13.0	12.8	12.7	12.5	12.3	12.1	11.8
-87.5°	6.0	5.9	5.9	6.0	6.2	6.2	6.3	6.2	6.1	6.0	5.9
-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: P558506 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-WAF-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°	4.5	4.4	4.2	4.1	4.0	3.9	3.7	3.5	3.2	2.9	2.6
85°	12.0	11.3	10.4	9.5	8.6	7.7	7.4	7.0	6.4	5.8	5.2
82.5°	22.4	21.3	20.2	18.9	17.5	16.0	14.5	12.8	10.8	8.9	7.7
80°	35.3	33.5	31.5	29.4	26.9	24.3	22.2	19.9	17.0	14.3	11.7
77.5°	50.1	47.0	43.7	40.8	37.9	34.7	31.2	27.4	23.2	19.7	16.3
75°	66.5	62.6	58.6	54.3	49.7	45.0	41.0	36.2	30.6	25.1	20.8
72.5°	86.9	80.9	74.7	68.3	62.8	57.2	51.3	44.9	38.3	31.9	25.6
70°	108.8	100.5	92.7	85.1	77.1	69.3	62.5	54.6	45.9	38.5	31.3
67.5°	132.0	123.0	113.1	102.3	92.7	83.5	73.9	64.4	54.7	45.0	36.9
65°	158.4	147.1	134.7	122.9	110.2	97.8	87.1	74.5	63.2	52.6	42.3
62.5°	187.5	172.6	159.2	144.3	129.5	114.8	99.8	85.6	71.8	59.9	48.4
60°	220.4	204.1	185.3	168.6	150.7	132.8	115.0	96.4	81.3	67.1	54.6
57.5°	256.7	237.4	217.3	195.2	174.3	153.0	130.0	108.7	90.5	74.9	60.6
55°	294.6	273.0	250.2	225.9	200.0	175.5	145.9	121.3	99.8	82.6	66.2
52.5°	337.0	311.2	284.9	257.5	229.0	197.3	163.5	133.2	110.2	89.9	72.1
50°	385.8	353.6	322.4	290.9	258.3	220.3	180.0	147.4	119.9	97.3	77.7
47.5°	441.5	402.4	363.8	326.0	290.0	241.6	198.1	160.9	129.0	105.3	82.9
45°	499.2	456.1	409.4	365.6	315.6	263.1	215.7	173.4	140.0	112.1	87.7
42.5°	557.2	510.5	460.3	405.6	342.0	283.6	231.8	187.4	150.1	118.5	92.8
40°	621.5	564.7	511.2	442.8	366.0	302.1	248.4	200.5	159.2	124.8	97.8
37.5°	682.8	620.0	561.2	471.2	387.9	321.2	263.5	212.3	167.5	131.7	102.4
35°	740.1	673.7	586.4	494.2	409.7	337.3	276.9	223.4	176.4	137.8	106.5
32.5°	792.3	708.0	605.7	512.2	427.0	350.4	289.1	233.3	184.0	143.1	110.2
30°	827.9	720.9	619.0	525.2	439.8	363.2	299.0	241.4	190.3	147.5	113.6
27.5°	829.8	726.8	626.1	533.3	448.7	372.5	306.5	248.0	195.3	151.6	117.1
25°	823.3	724.2	627.1	536.4	453.4	380.1	312.3	252.8	199.9	155.6	120.0
22.5°	808.1	714.9	622.4	534.3	458.5	385.4	317.1	257.0	203.6	158.6	122.2
20°	788.9	699.8	614.5	536.3	461.1	388.8	320.7	259.7	206.1	160.7	123.8
17.5°	765.3	687.8	613.1	535.9	461.1	389.8	322.3	261.0	207.2	161.8	124.8
15°	754.5	683.0	609.1	533.1	458.6	388.5	322.0	260.8	207.1	162.0	125.5
12.5°	745.8	675.6	602.6	527.7	453.6	385.0	319.8	259.2	205.9	162.0	126.1
10°	734.8	665.5	593.5	520.0	446.2	379.4	315.9	256.9	205.3	161.7	126.1
7.5°	721.4	652.7	582.0	509.8	437.4	373.1	312.0	254.2	204.0	160.8	125.7
5°	705.8	638.6	569.6	500.0	430.7	366.4	306.7	250.3	201.8	159.2	124.8
2.5°	689.0	624.1	555.8	488.2	422.2	358.1	300.1	245.3	198.8	157.0	123.5
0°	669.4	607.0	539.6	474.1	412.0	348.3	292.1	239.2	195.0	154.2	121.8
-2.5°	652.2	588.3	522.2	458.9	397.1	336.6	283.4	233.1	190.8	151.5	120.0
-5°	632.3	567.1	502.7	441.7	380.6	323.6	273.6	226.2	185.9	148.3	117.9
-7.5°	603.0	541.3	480.5	422.4	362.7	309.6	262.9	218.5	180.5	144.6	115.4
-10°	570.0	512.0	455.4	400.5	345.4	295.8	251.7	210.3	174.5	140.6	112.6
-12.5°	535.1	481.1	428.8	377.7	327.5	282.2	240.9	202.3	168.1	136.2	109.6
-15°	498.5	449.0	401.1	354.0	309.1	267.9	229.6	194.0	161.8	131.6	106.3
-17.5°	461.3	415.8	372.4	329.8	290.2	253.0	217.9	185.4	155.1	127.1	103.0
-20°	427.4	384.7	343.1	305.3	271.2	237.7	205.9	176.4	148.2	122.3	99.7



REPORT NUMBER: P558506 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	393.5	356.1	318.6	282.6	252.6	222.1	193.8	167.1	141.0	117.4	96.1
-25°	359.8	327.7	294.6	263.7	234.5	207.6	182.1	157.6	133.6	112.2	92.3
-27.5°	328.1	299.9	270.5	244.8	218.7	193.3	170.8	148.6	126.5	106.9	88.4
-30°	297.8	273.4	248.9	226.2	203.1	180.8	159.5	139.6	120.0	101.8	84.2
-32.5°	269.8	247.3	228.3	209.0	188.7	168.5	149.1	130.6	113.4	96.7	80.3
-35°	243.8	225.0	208.2	192.3	174.9	157.3	139.5	121.7	106.9	91.4	76.5
-37.5°	219.0	205.2	190.8	176.7	161.1	146.3	130.4	114.4	100.4	86.0	72.6
-40°	198.6	186.8	174.8	161.9	148.9	135.5	121.3	107.5	94.1	80.5	68.6
-42.5°	179.2	170.1	159.7	147.5	137.5	125.6	112.4	100.4	87.9	75.6	64.5
-45°	162.0	154.2	145.3	136.2	126.6	115.8	104.5	93.3	81.8	70.9	60.6
-47.5°	145.7	139.9	132.7	125.1	116.2	106.3	96.5	86.5	75.7	66.2	56.9
-50°	132.0	127.0	121.2	114.3	106.1	97.6	88.7	79.8	70.5	61.6	53.0
-52.5°	120.1	115.3	110.1	103.8	96.7	88.9	81.5	73.1	65.2	57.1	49.2
-55°	108.9	104.2	99.5	94.0	87.7	81.2	74.4	67.2	59.9	52.7	45.3
-57.5°	98.3	93.8	89.7	84.8	79.6	73.9	67.7	61.3	54.8	48.2	41.8
-60°	88.2	84.5	80.5	76.5	71.9	66.7	61.2	55.4	49.7	43.7	38.3
-62.5°	78.9	75.5	72.2	68.6	64.3	59.7	54.7	49.8	44.5	39.7	34.8
-65°	70.1	67.4	64.2	60.8	56.9	52.8	48.6	44.1	39.9	35.7	31.2
-67.5°	61.7	59.2	56.2	53.0	49.9	46.5	42.5	39.0	35.4	31.6	27.7
-70°	53.6	51.1	48.6	46.2	43.4	40.2	37.1	34.0	30.8	27.7	24.1
-72.5°	45.7	43.8	41.8	39.6	37.2	34.6	31.8	29.1	26.6	23.7	20.6
-75°	38.1	36.6	35.0	33.2	31.1	28.9	26.8	24.6	22.3	19.8	17.4
-77.5°	30.7	29.6	28.3	27.0	25.4	23.7	21.9	20.0	18.2	16.3	14.4
-80°	23.8	23.0	22.2	21.2	19.9	18.5	17.2	15.9	14.5	12.9	11.3
-82.5°	17.3	16.8	16.2	15.5	14.7	13.8	12.8	11.8	10.7	9.5	8.4
-85°	11.4	11.1	10.6	10.1	9.6	9.0	8.4	7.9	7.1	6.4	5.6
-87.5°	5.7	5.5	5.2	5.0	4.8	4.5	4.2	3.9	3.6	3.2	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



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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°	2.3	1.9	1.5	1.2	0.8	0.4	0.0
85°	4.5	3.8	3.1	2.3	1.6	0.8	0.0
82.5°	6.7	5.7	4.6	3.5	2.3	1.2	0.0
80°	9.2	7.6	6.1	4.6	3.1	1.5	0.0
77.5°	13.0	9.9	7.6	5.8	3.9	1.9	0.0
75°	16.8	12.9	9.3	6.9	4.6	2.3	0.0
72.5°	20.5	15.9	11.6	8.0	5.4	2.7	0.0
70°	24.2	18.8	13.9	9.3	6.1	3.0	0.0
67.5°	28.9	21.7	16.1	10.9	6.9	3.4	0.0
65°	33.4	24.9	18.3	12.5	7.6	3.7	0.0
62.5°	37.8	28.4	20.4	14.0	8.3	4.1	0.0
60°	42.0	31.8	22.5	15.5	9.0	4.4	0.0
57.5°	46.7	35.1	25.0	17.0	9.9	4.7	0.0
55°	51.3	38.2	27.4	18.4	10.8	5.1	0.0
52.5°	55.7	41.2	29.7	19.8	11.7	5.4	0.0
50°	59.8	44.6	31.9	21.1	12.6	5.7	0.0
47.5°	63.7	47.7	34.0	22.4	13.4	6.0	0.0
45°	67.8	50.6	36.0	23.8	14.2	6.2	0.0
42.5°	71.5	53.3	37.8	25.2	15.0	6.5	0.0
40°	75.0	55.8	39.7	26.5	15.7	6.7	0.0
37.5°	78.1	58.1	41.5	27.8	16.4	7.0	0.0
35°	80.8	60.4	43.2	29.0	17.0	7.2	0.0
32.5°	83.5	62.5	44.7	30.0	17.6	7.4	0.0
30°	86.3	64.3	46.1	31.0	18.2	7.6	0.0
27.5°	88.8	65.9	47.4	32.0	18.7	7.8	0.0
25°	90.9	67.3	48.5	32.8	19.2	7.9	0.0
22.5°	92.5	68.5	49.5	33.5	19.6	8.1	0.0
20°	93.9	69.6	50.3	34.2	20.0	8.2	0.0
17.5°	95.1	70.6	51.0	34.7	20.3	8.3	0.0
15°	96.0	71.4	51.5	35.2	20.6	8.4	0.0
12.5°	96.6	71.9	51.9	35.6	20.8	8.5	0.0
10°	96.9	72.3	52.1	35.9	21.0	8.6	0.0
7.5°	96.8	72.4	52.2	36.1	21.2	8.6	0.0
5°	96.3	72.4	52.1	36.2	21.3	8.7	0.0
2.5°	95.6	72.1	51.9	36.3	21.3	8.7	0.0
0°	94.6	71.7	51.6	36.2	21.3	8.7	0.0
-2.5°	93.5	71.0	51.3	36.0	21.2	8.7	0.0
-5°	92.2	70.2	51.0	35.8	21.2	8.7	0.0
-7.5°	90.6	69.1	50.5	35.4	21.0	8.7	0.0
-10°	88.8	67.9	49.9	35.0	20.8	8.6	0.0
-12.5°	86.7	66.6	49.2	34.5	20.6	8.6	0.0
-15°	84.5	65.1	48.4	34.0	20.3	8.5	0.0
-17.5°	82.0	63.5	47.4	33.3	20.0	8.4	0.0
-20°	79.5	61.8	46.4	32.6	19.6	8.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	77.0	60.0	45.2	31.9	19.2	8.2	0.0
-25°	74.3	58.2	44.0	31.0	18.8	8.1	0.0
-27.5°	71.4	56.3	42.7	30.1	18.3	7.9	0.0
-30°	68.5	54.3	41.2	29.1	17.8	7.7	0.0
-32.5°	65.4	52.1	39.8	28.1	17.3	7.5	0.0
-35°	62.5	49.9	38.2	27.1	16.7	7.3	0.0
-37.5°	59.7	47.7	36.6	25.9	16.1	7.1	0.0
-40°	56.8	45.5	34.9	24.7	15.5	6.9	0.0
-42.5°	53.7	43.3	33.2	23.5	14.8	6.6	0.0
-45°	50.6	41.0	31.5	22.3	14.1	6.4	0.0
-47.5°	47.4	38.7	29.8	21.0	13.4	6.1	0.0
-50°	44.4	36.3	28.0	19.8	12.6	5.8	0.0
-52.5°	41.5	33.8	26.1	18.7	11.9	5.5	0.0
-55°	38.6	31.4	24.2	17.5	11.1	5.2	0.0
-57.5°	35.6	29.0	22.3	16.3	10.3	4.9	0.0
-60°	32.5	26.5	20.3	15.0	9.5	4.5	0.0
-62.5°	29.5	24.0	18.6	13.8	8.8	4.2	0.0
-65°	26.5	21.4	16.9	12.5	8.0	3.8	0.0
-67.5°	23.4	19.0	15.2	11.1	7.3	3.5	0.0
-70°	20.3	16.9	13.4	9.8	6.5	3.1	0.0
-72.5°	17.6	14.7	11.6	8.6	5.7	2.7	0.0
-75°	15.0	12.4	9.8	7.4	4.9	2.4	0.0
-77.5°	12.3	10.2	8.1	6.2	4.1	2.0	0.0
-80°	9.6	8.1	6.5	5.0	3.3	1.6	0.0
-82.5°	7.2	6.1	4.9	3.7	2.5	1.2	0.0
-85°	4.8	4.1	3.3	2.5	1.7	0.8	0.0
-87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)