

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: P558498 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-927-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558498 (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-927-U-WAF-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (16) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

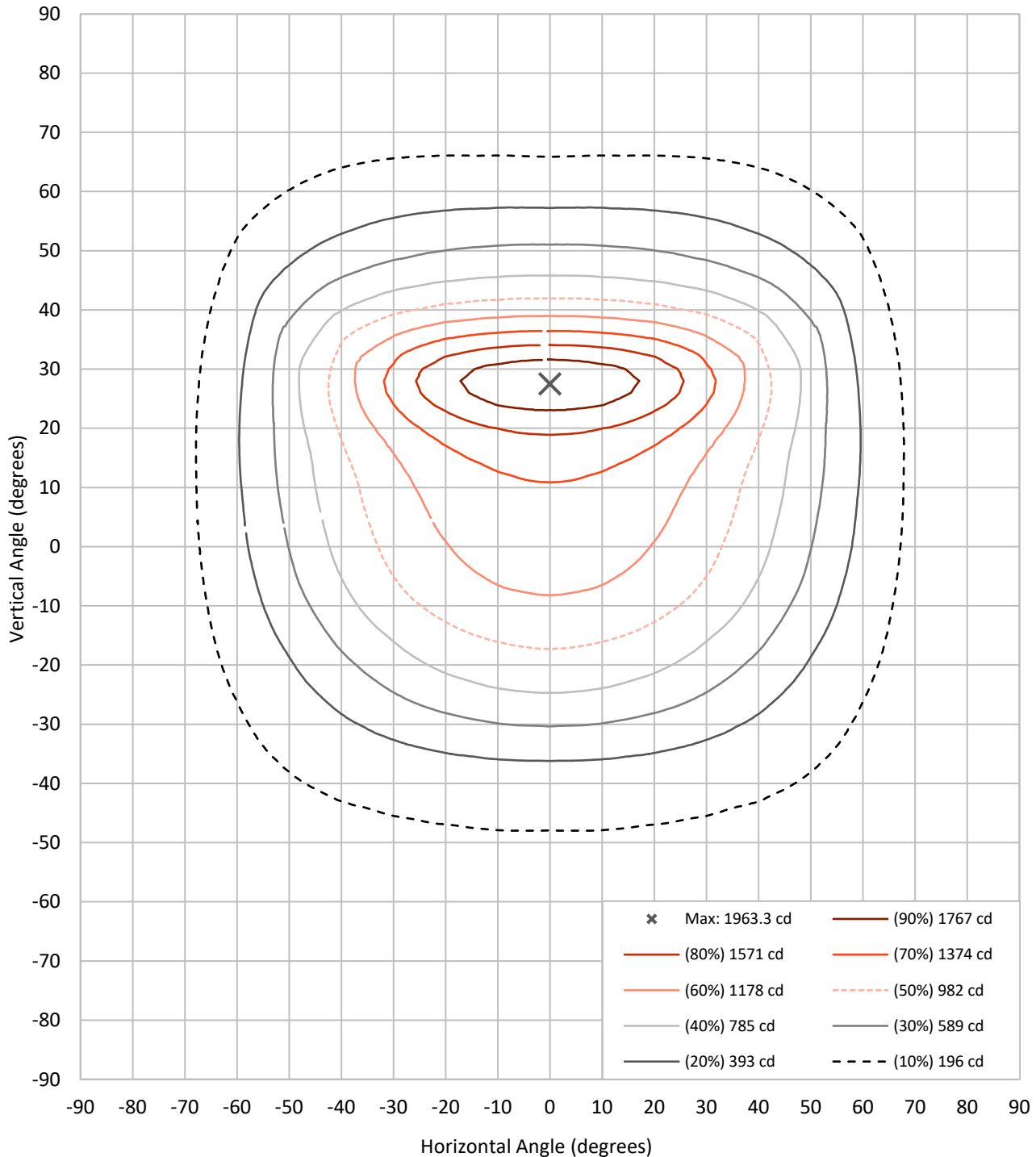
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	2862.1 lumens	Max Intensity:	1963.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	86.7 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:	1484.4 lumens	Field Lumens:	2647.7 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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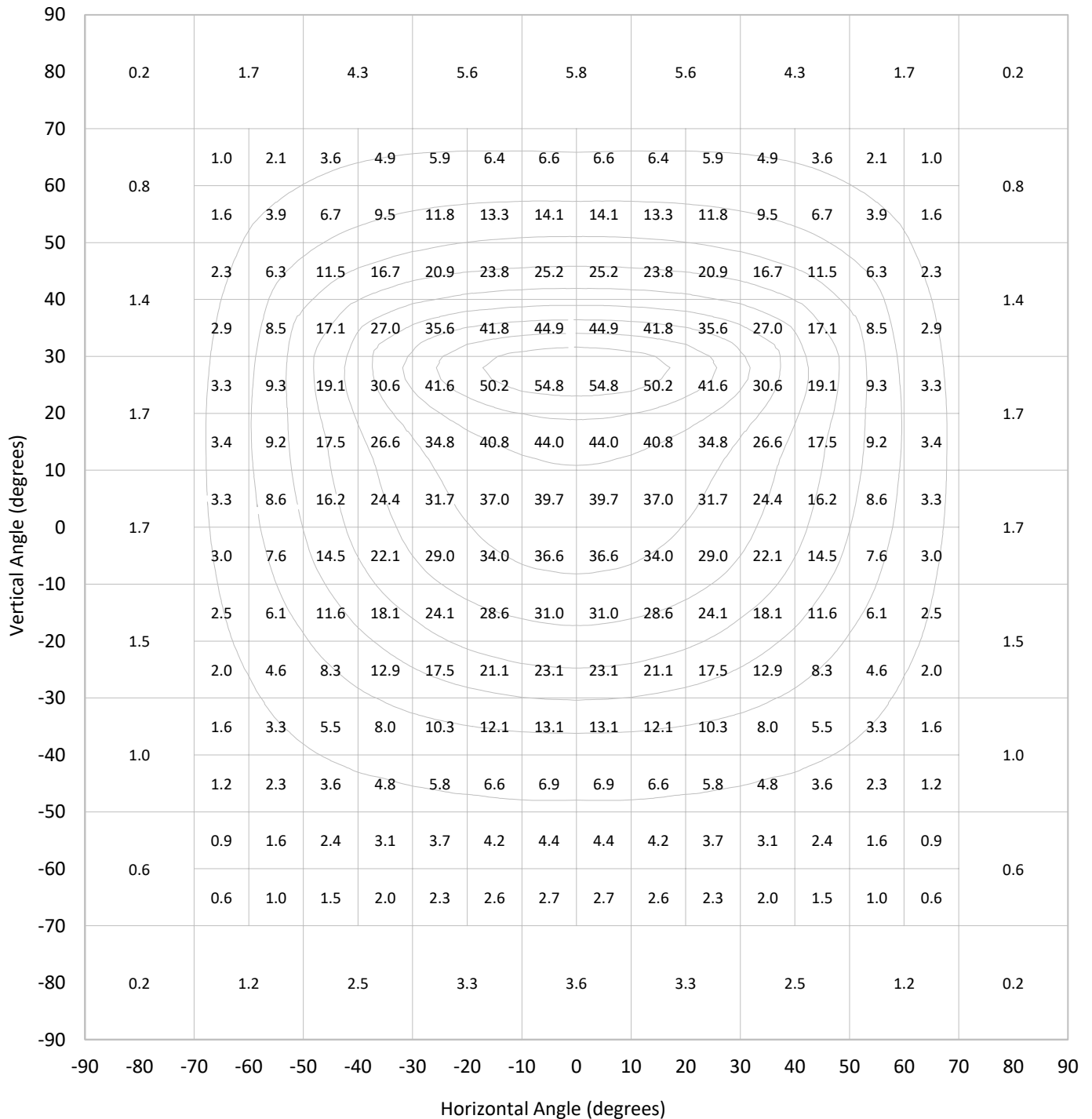
Iso-Candela Plot





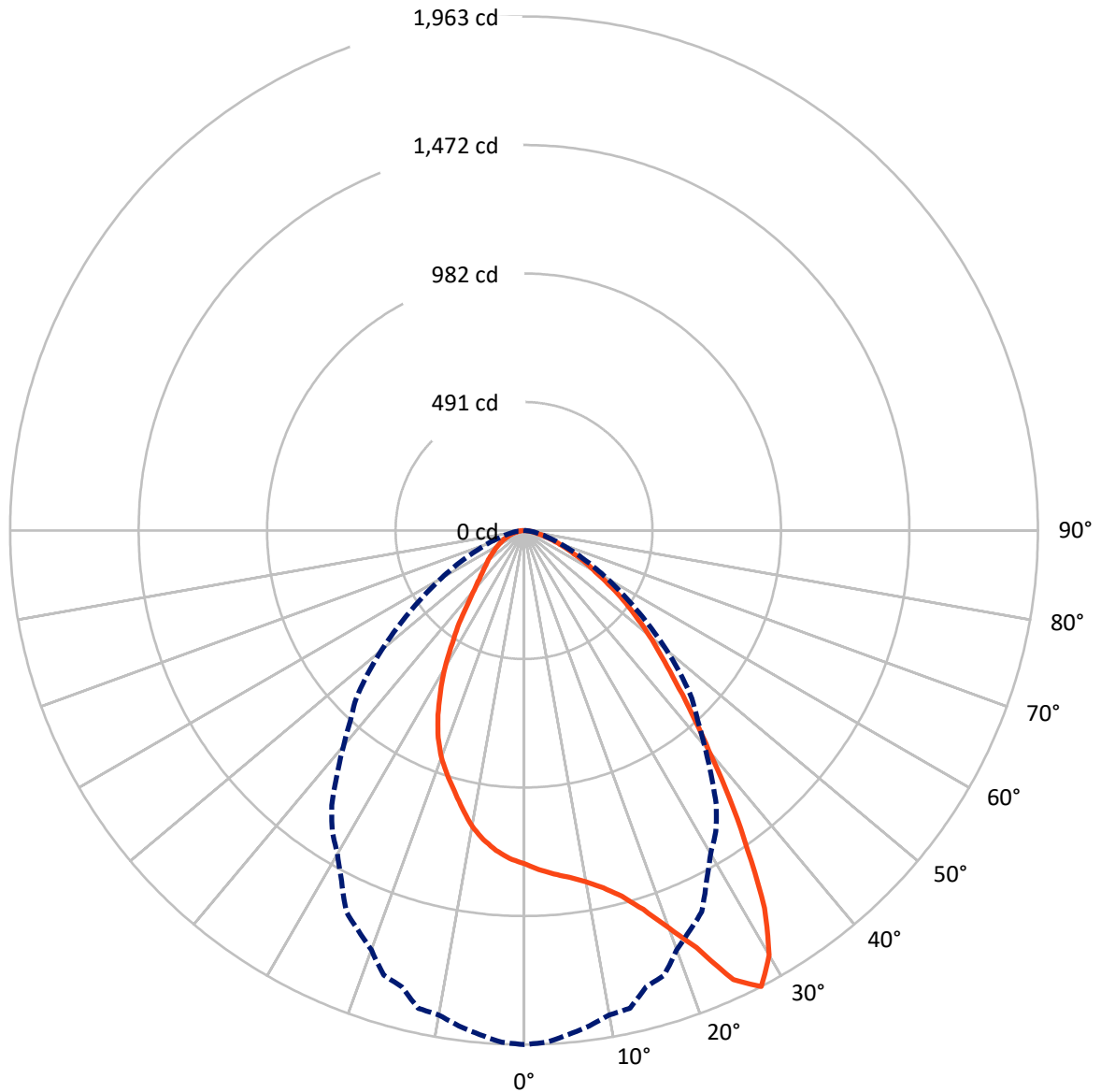
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Lumen Table



REPORT NUMBER: P558498 (CONVERTED FROM TYPE C PHOTOMETRY)
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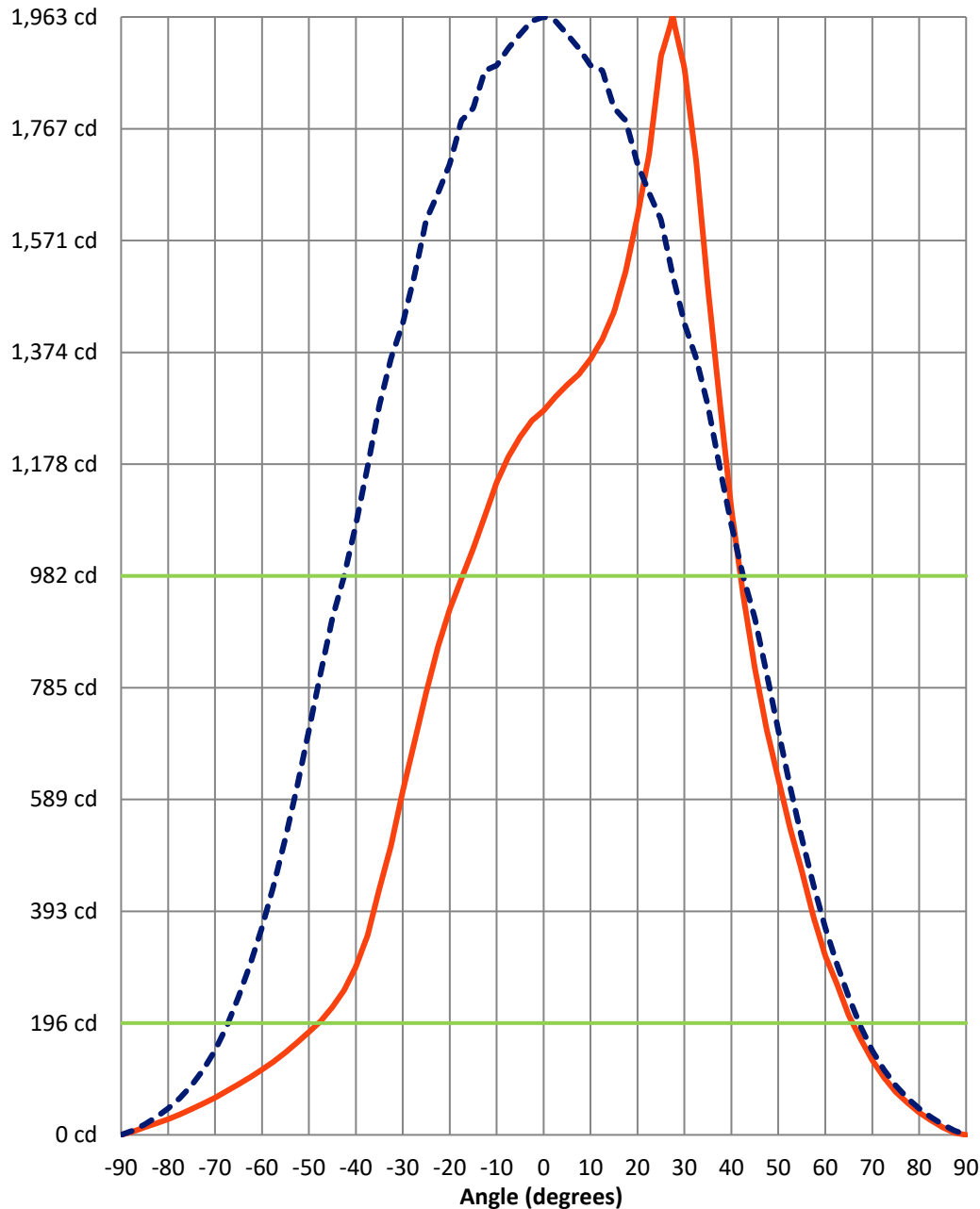
Luminous Intensity Polar Plot



— 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: 1484.4
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 2647.7
 Efficiency: 92.5%

Spill:
 Lumens: 214.4
 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	1.1	1.5	1.9	2.2	2.5	2.9	3.2	3.5
85°	0.0	0.8	1.5	2.3	3.0	3.7	4.4	5.1	5.7	6.3	6.9
82.5°	0.0	1.1	2.3	3.4	4.5	5.6	6.6	7.6	8.7	10.6	12.6
80°	0.0	1.5	3.1	4.5	6.0	7.4	9.0	11.4	14.0	16.7	19.5
77.5°	0.0	1.9	3.8	5.7	7.5	9.6	12.7	15.9	19.3	22.8	26.8
75°	0.0	2.2	4.5	6.8	9.1	12.6	16.4	20.3	24.6	29.9	35.4
72.5°	0.0	2.6	5.3	7.9	11.3	15.6	20.0	25.0	31.2	37.5	43.9
70°	0.0	3.0	6.0	9.0	13.6	18.4	23.7	30.6	37.6	44.9	53.3
67.5°	0.0	3.3	6.7	10.6	15.8	21.3	28.3	36.0	44.0	53.4	62.9
65°	0.0	3.6	7.4	12.2	17.9	24.4	32.7	41.4	51.3	61.7	72.8
62.5°	0.0	4.0	8.1	13.7	20.0	27.8	36.9	47.3	58.5	70.2	83.7
60°	0.0	4.3	8.8	15.2	22.0	31.1	41.0	53.4	65.5	79.5	94.2
57.5°	0.0	4.6	9.7	16.6	24.4	34.3	45.6	59.2	73.1	88.4	106.2
55°	0.0	4.9	10.6	18.0	26.8	37.3	50.1	64.6	80.6	97.5	118.5
52.5°	0.0	5.2	11.5	19.3	29.0	40.3	54.4	70.4	87.8	107.6	130.1
50°	0.0	5.5	12.3	20.6	31.2	43.5	58.4	75.9	95.1	117.2	144.0
47.5°	0.0	5.8	13.1	21.9	33.2	46.6	62.2	81.0	102.8	126.0	157.2
45°	0.0	6.1	13.9	23.3	35.1	49.5	66.2	85.7	109.6	136.8	169.4
42.5°	0.0	6.3	14.6	24.6	36.9	52.1	69.9	90.6	115.7	146.7	183.1
40°	0.0	6.6	15.3	25.9	38.7	54.6	73.3	95.6	122.0	155.6	195.9
37.5°	0.0	6.8	16.0	27.1	40.5	56.8	76.3	100.1	128.7	163.7	207.4
35°	0.0	7.0	16.6	28.3	42.2	59.0	79.0	104.1	134.7	172.4	218.3
32.5°	0.0	7.2	17.2	29.3	43.7	61.1	81.6	107.7	139.8	179.8	227.9
30°	0.0	7.4	17.8	30.3	45.1	62.9	84.4	111.0	144.2	185.9	235.9
27.5°	0.0	7.6	18.3	31.2	46.3	64.5	86.8	114.5	148.2	190.8	242.3
25°	0.0	7.8	18.7	32.0	47.5	65.8	88.8	117.3	152.1	195.3	247.1
22.5°	0.0	7.9	19.1	32.7	48.4	67.0	90.5	119.5	155.0	199.0	251.1
20°	0.0	8.0	19.5	33.4	49.2	68.1	91.8	121.0	157.0	201.4	253.8
17.5°	0.0	8.1	19.8	33.9	49.9	69.0	92.9	122.0	158.1	202.5	255.0
15°	0.0	8.2	20.1	34.4	50.4	69.8	93.9	122.7	158.3	202.4	254.8
12.5°	0.0	8.3	20.3	34.7	50.7	70.3	94.4	123.2	158.3	201.2	253.3
10°	0.0	8.4	20.5	35.0	50.9	70.7	94.7	123.3	158.1	200.6	251.0
7.5°	0.0	8.4	20.7	35.2	51.0	70.8	94.6	122.8	157.1	199.3	248.4
5°	0.0	8.5	20.8	35.3	50.9	70.8	94.1	122.0	155.6	197.2	244.6
2.5°	0.0	8.5	20.8	35.4	50.7	70.5	93.4	120.7	153.4	194.3	239.7
0°	0.0	8.5	20.8	35.3	50.4	70.1	92.4	119.0	150.7	190.6	233.7
-2.5°	0.0	8.5	20.8	35.1	50.2	69.4	91.3	117.2	148.0	186.5	227.7
-5°	0.0	8.5	20.7	34.9	49.8	68.6	90.0	115.1	144.9	181.7	221.0
-7.5°	0.0	8.5	20.5	34.6	49.3	67.6	88.5	112.7	141.3	176.3	213.5
-10°	0.0	8.4	20.3	34.2	48.7	66.4	86.7	110.0	137.4	170.5	205.5
-12.5°	0.0	8.4	20.1	33.7	48.0	65.1	84.7	107.1	133.0	164.2	197.6
-15°	0.0	8.3	19.8	33.2	47.2	63.6	82.5	103.8	128.6	158.0	189.6
-17.5°	0.0	8.2	19.5	32.5	46.3	62.1	80.2	100.6	124.2	151.5	181.1
-20°	0.0	8.1	19.2	31.8	45.3	60.4	77.7	97.4	119.5	144.8	172.3



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 CATALOG NUMBER: GFLD-SA1B-927-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	8.0	18.8	31.1	44.2	58.6	75.2	93.9	114.7	137.8	163.2
-25°	0.0	7.9	18.4	30.3	43.0	56.8	72.6	90.2	109.6	130.6	153.9
-27.5°	0.0	7.7	17.9	29.4	41.7	55.0	69.8	86.3	104.4	123.6	145.1
-30°	0.0	7.6	17.4	28.5	40.3	53.0	66.9	82.3	99.4	117.2	136.3
-32.5°	0.0	7.4	16.9	27.5	38.8	51.0	63.9	78.5	94.4	110.8	127.6
-35°	0.0	7.2	16.3	26.4	37.3	48.8	61.1	74.7	89.3	104.4	119.0
-37.5°	0.0	7.0	15.7	25.3	35.7	46.6	58.3	70.9	84.0	98.1	111.8
-40°	0.0	6.7	15.1	24.2	34.1	44.5	55.5	67.0	78.7	91.9	105.0
-42.5°	0.0	6.5	14.5	23.0	32.4	42.3	52.5	63.0	73.8	85.9	98.1
-45°	0.0	6.2	13.8	21.7	30.8	40.1	49.5	59.2	69.3	79.9	91.1
-47.5°	0.0	6.0	13.1	20.5	29.1	37.8	46.3	55.6	64.7	73.9	84.5
-50°	0.0	5.7	12.4	19.3	27.3	35.4	43.5	51.8	60.2	68.9	77.9
-52.5°	0.0	5.4	11.6	18.2	25.5	33.0	40.6	48.1	55.8	63.7	71.5
-55°	0.0	5.1	10.9	17.1	23.6	30.7	37.7	44.3	51.5	58.5	65.7
-57.5°	0.0	4.8	10.1	15.9	21.7	28.3	34.7	40.9	47.1	53.5	59.9
-60°	0.0	4.4	9.3	14.7	19.8	25.9	31.7	37.4	42.7	48.6	54.2
-62.5°	0.0	4.1	8.6	13.4	18.2	23.4	28.8	34.0	38.8	43.5	48.7
-65°	0.0	3.8	7.9	12.2	16.5	20.9	25.8	30.5	34.8	39.0	43.2
-67.5°	0.0	3.4	7.1	10.9	14.8	18.6	22.8	27.0	30.8	34.6	38.1
-70°	0.0	3.1	6.4	9.6	13.1	16.5	19.8	23.5	27.0	30.1	33.2
-72.5°	0.0	2.7	5.6	8.4	11.3	14.3	17.2	20.1	23.1	25.9	28.4
-75°	0.0	2.3	4.8	7.2	9.6	12.1	14.6	17.0	19.3	21.7	24.0
-77.5°	0.0	1.9	4.1	6.0	8.0	10.0	12.0	14.0	15.9	17.7	19.5
-80°	0.0	1.6	3.3	4.8	6.4	7.9	9.4	11.1	12.6	14.1	15.5
-82.5°	0.0	1.2	2.4	3.6	4.8	5.9	7.0	8.2	9.3	10.5	11.6
-85°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.2	7.0	7.7
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.7	3.1	3.5	3.8
-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: P558498 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-927-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°	3.6	3.8	3.9	4.0	4.1	4.2	4.4	4.5	4.5	4.6	4.6
85°	7.3	7.6	8.4	9.3	10.2	11.0	11.7	12.3	12.8	13.2	13.6
82.5°	14.2	15.7	17.1	18.5	19.7	20.8	21.8	23.0	24.0	24.9	25.5
80°	21.8	23.8	26.4	28.7	30.8	32.8	34.5	36.1	37.4	38.6	39.8
77.5°	30.6	33.9	37.0	39.9	42.7	45.9	48.9	51.7	53.8	55.4	56.6
75°	40.0	44.0	48.5	53.0	57.3	61.1	64.9	69.5	73.3	76.1	78.3
72.5°	50.2	55.9	61.4	66.8	73.0	79.0	84.9	90.5	95.5	99.1	102.1
70°	61.1	67.7	75.4	83.1	90.6	98.2	106.2	113.6	119.7	124.0	128.1
67.5°	72.3	81.6	90.6	100.0	110.5	120.2	129.0	138.3	146.5	151.9	156.6
65°	85.1	95.5	107.7	120.0	131.7	143.7	154.9	164.9	175.3	182.8	189.0
62.5°	97.6	112.2	126.5	141.0	155.6	168.7	183.3	196.2	206.6	217.4	226.6
60°	112.3	129.7	147.3	164.7	181.1	199.5	215.4	230.5	244.4	256.4	267.7
57.5°	127.0	149.5	170.3	190.8	212.4	232.0	250.8	267.7	284.3	298.2	311.8
55°	142.5	171.4	195.4	220.7	244.5	266.7	287.8	308.9	326.7	345.8	362.4
52.5°	159.7	192.7	223.7	251.6	278.4	304.0	329.2	354.7	379.6	399.4	418.2
50°	175.8	215.2	252.4	284.2	315.0	345.4	376.9	408.8	436.2	458.9	478.5
47.5°	193.5	236.0	283.3	318.5	355.5	393.1	431.4	466.6	496.4	527.3	548.9
45°	210.7	257.1	308.4	357.2	400.0	445.7	487.8	526.6	569.9	603.6	632.4
42.5°	226.5	277.1	334.2	396.3	449.8	498.8	544.4	599.0	648.7	688.1	724.1
40°	242.7	295.2	357.6	432.7	499.5	551.8	607.3	667.6	732.3	780.7	823.8
37.5°	257.5	313.8	379.1	460.4	548.4	605.8	667.2	732.6	806.4	879.3	931.1
35°	270.6	329.6	400.3	482.9	573.0	658.3	723.2	792.8	873.6	968.2	1038.9
32.5°	282.5	342.4	417.2	500.5	591.9	691.9	774.2	845.7	926.7	1024.3	1144.5
30°	292.2	354.9	429.8	513.2	604.8	704.4	809.0	886.9	963.8	1059.6	1171.4
27.5°	299.5	364.0	438.4	521.1	611.8	710.2	810.8	907.0	981.4	1071.6	1173.2
25°	305.2	371.4	443.0	524.1	612.8	707.7	804.5	895.5	979.1	1058.5	1149.7
22.5°	309.8	376.6	448.0	522.1	608.2	698.6	789.6	876.4	957.3	1031.7	1110.1
20°	313.3	379.9	450.6	524.0	600.4	683.7	770.8	853.4	931.6	1003.6	1067.4
17.5°	314.9	380.9	450.6	523.6	599.1	672.0	747.9	827.2	904.0	975.6	1038.7
15°	314.6	379.6	448.1	520.9	595.2	667.4	737.3	802.8	874.2	946.6	1009.5
12.5°	312.5	376.2	443.2	515.6	588.8	660.2	728.8	794.5	858.6	919.2	979.3
10°	308.7	370.7	436.1	508.0	580.0	650.3	718.0	783.9	847.4	906.9	962.9
7.5°	304.9	364.5	427.4	498.1	568.7	637.8	704.9	770.9	833.2	892.6	949.1
5°	299.7	358.0	420.9	488.5	556.7	624.0	689.6	755.4	816.0	875.9	932.6
2.5°	293.2	350.0	412.6	477.0	543.1	609.8	673.2	737.7	799.9	857.4	913.3
0°	285.4	340.4	402.6	463.3	527.3	593.1	654.1	717.2	781.9	836.2	890.9
-2.5°	276.9	328.9	388.0	448.4	510.3	574.8	637.3	697.2	760.4	815.3	871.2
-5°	267.4	316.2	371.9	431.6	491.2	554.2	617.9	674.8	735.1	789.5	844.4
-7.5°	256.9	302.5	354.4	412.7	469.5	528.9	589.2	644.0	702.6	756.4	809.9
-10°	246.0	289.0	337.5	391.4	444.9	500.3	557.0	610.5	667.0	720.5	772.0
-12.5°	235.4	275.7	320.0	369.0	419.0	470.2	522.9	574.6	628.1	681.9	730.0
-15°	224.4	261.8	302.0	345.9	391.9	438.7	487.1	536.1	586.3	639.0	683.4
-17.5°	212.9	247.2	283.6	322.3	363.9	406.3	450.8	498.0	544.0	592.0	634.9
-20°	201.3	232.3	265.0	298.4	335.3	376.0	417.6	460.0	501.8	543.5	583.9



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 CATALOG NUMBER: GFLD-SA1B-927-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°	189.4	217.0	246.8	276.2	311.3	348.0	384.5	421.3	458.8	494.7	533.0
-25°	178.0	202.8	229.1	257.7	287.9	320.2	351.6	382.7	415.9	449.6	482.5
-27.5°	166.9	188.8	213.7	239.2	264.3	293.1	320.6	346.9	375.9	405.6	432.2
-30°	155.8	176.7	198.4	221.0	243.2	267.2	290.9	314.1	337.7	363.2	386.2
-32.5°	145.6	164.6	184.4	204.2	223.0	241.6	263.6	284.2	303.5	321.6	341.7
-35°	136.2	153.7	170.9	187.9	203.4	219.8	238.2	255.5	271.0	285.6	300.9
-37.5°	127.4	142.9	157.4	172.7	186.4	200.5	214.0	229.0	241.6	253.2	265.8
-40°	118.6	132.4	145.5	158.2	170.8	182.5	194.1	204.3	214.4	225.6	234.2
-42.5°	109.8	122.7	134.4	144.2	156.0	166.1	175.1	183.6	191.9	200.6	207.5
-45°	102.1	113.1	123.7	133.1	142.0	150.6	158.2	164.9	172.7	178.8	184.0
-47.5°	94.4	103.9	113.6	122.2	129.7	136.7	142.3	149.0	155.4	160.6	163.7
-50°	86.7	95.4	103.7	111.7	118.4	124.1	128.9	134.4	139.7	144.1	147.1
-52.5°	79.7	86.9	94.6	101.4	107.6	112.7	117.3	122.1	126.0	129.0	132.8
-55°	72.7	79.4	85.8	91.9	97.2	101.8	106.4	110.6	114.0	116.6	119.7
-57.5°	66.2	72.2	77.8	82.9	87.7	91.6	96.1	99.7	102.8	105.2	108.5
-60°	59.8	65.2	70.3	74.7	78.7	82.6	86.2	89.5	92.2	94.6	97.6
-62.5°	53.5	58.3	62.9	67.0	70.6	73.8	77.1	79.9	82.1	84.7	87.1
-65°	47.5	51.6	55.6	59.4	62.7	65.8	68.5	70.8	72.9	75.2	77.1
-67.5°	41.6	45.4	48.8	51.7	54.8	57.8	60.3	62.5	64.3	66.1	67.7
-70°	36.3	39.4	42.4	45.1	47.4	49.9	52.4	54.4	56.0	57.4	58.8
-72.5°	31.1	33.8	36.3	38.7	40.8	42.8	44.7	46.5	48.0	49.1	50.1
-75°	26.1	28.2	30.4	32.5	34.2	35.8	37.2	38.6	39.8	40.8	41.6
-77.5°	21.4	23.1	24.8	26.4	27.7	28.9	30.0	31.1	32.0	32.7	33.2
-80°	16.8	18.1	19.4	20.7	21.7	22.5	23.2	23.9	24.6	25.3	25.9
-82.5°	12.5	13.4	14.3	15.2	15.9	16.4	16.9	17.4	17.9	18.4	18.8
-85°	8.3	8.8	9.3	9.9	10.4	10.8	11.2	11.6	11.8	12.0	12.2
-87.5°	4.1	4.4	4.6	4.9	5.1	5.4	5.6	5.8	5.9	6.0	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: P558498 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-927-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°	4.7	4.7	4.7	4.7	4.6	4.4	4.2	4.0	3.8	3.9	4.0
85°	13.8	13.9	13.8	13.7	13.5	13.5	13.4	13.3	13.2	13.4	13.6
82.5°	26.0	26.2	26.3	26.1	25.9	26.0	26.1	26.0	25.9	26.0	26.2
80°	40.7	41.1	41.1	40.9	40.3	40.4	40.4	40.3	40.1	40.1	40.1
77.5°	58.0	58.9	59.2	59.1	58.6	58.4	58.0	57.2	56.0	56.0	56.1
75°	80.0	81.0	81.4	81.4	80.9	80.5	80.0	79.1	77.8	77.8	77.8
72.5°	104.4	105.7	106.3	106.9	106.9	106.7	106.0	104.7	102.7	102.4	102.7
70°	131.3	133.6	135.0	136.1	136.9	137.1	136.7	135.6	133.8	133.4	133.3
67.5°	161.2	164.8	167.6	169.4	171.1	172.4	172.8	172.3	170.9	170.4	170.6
65°	194.8	200.3	205.0	208.4	210.8	212.4	213.8	214.6	214.8	215.3	216.0
62.5°	234.0	240.8	247.2	251.6	253.8	255.4	260.0	262.6	263.4	263.6	264.6
60°	277.7	286.4	294.4	300.8	306.0	309.9	313.8	316.4	317.4	317.6	319.0
57.5°	325.6	336.5	345.9	355.8	362.7	366.7	371.9	377.3	380.2	381.0	384.3
55°	378.5	393.4	405.5	416.2	425.8	434.4	441.6	447.1	451.3	453.7	458.1
52.5°	437.1	454.5	467.2	479.7	493.6	503.4	509.8	520.1	527.5	531.6	536.9
50°	501.4	520.8	538.1	551.2	567.4	580.7	590.5	600.2	607.0	611.0	616.0
47.5°	574.6	598.5	618.5	630.7	649.5	665.2	671.6	678.9	691.8	698.0	703.4
45°	656.9	687.5	709.8	728.8	744.9	762.6	774.1	782.5	795.1	801.5	805.5
42.5°	755.0	789.0	818.4	841.2	854.7	877.6	894.3	899.0	916.9	929.1	932.7
40°	864.9	902.6	941.4	967.4	989.2	1012.4	1040.0	1055.4	1070.5	1082.4	1085.1
37.5°	979.5	1029.9	1074.2	1107.7	1143.8	1178.1	1207.3	1223.3	1233.2	1256.0	1264.5
35°	1096.0	1148.0	1210.0	1262.1	1305.8	1348.2	1381.6	1407.8	1432.9	1453.4	1465.6
32.5°	1195.2	1251.1	1327.6	1405.7	1452.9	1498.8	1553.6	1583.7	1617.0	1644.0	1663.8
30°	1276.7	1329.9	1399.6	1497.6	1562.2	1608.7	1678.0	1719.5	1755.9	1801.7	1817.7
27.5°	1280.5	1363.7	1425.3	1509.7	1606.7	1653.9	1705.2	1780.8	1803.7	1869.0	1878.4
25°	1246.9	1334.3	1397.6	1468.0	1548.7	1606.1	1653.0	1715.8	1748.6	1790.6	1822.9
22.5°	1194.4	1271.4	1335.9	1395.6	1458.6	1510.9	1553.7	1597.9	1634.0	1666.5	1696.8
20°	1136.3	1209.4	1270.6	1322.0	1371.8	1420.3	1458.9	1495.9	1527.1	1555.1	1572.4
17.5°	1095.4	1148.0	1210.5	1263.2	1306.4	1344.5	1384.3	1415.3	1442.7	1467.9	1483.7
15°	1067.5	1117.5	1162.0	1210.3	1255.9	1292.2	1322.2	1354.2	1377.9	1399.5	1416.6
12.5°	1038.5	1090.0	1136.6	1176.9	1212.5	1252.2	1284.2	1309.4	1334.2	1351.2	1368.8
10°	1014.3	1062.5	1110.8	1153.3	1190.8	1223.6	1253.9	1282.2	1304.4	1323.5	1337.3
7.5°	1000.3	1047.5	1091.0	1131.7	1168.3	1203.1	1234.5	1260.3	1282.4	1302.2	1316.6
5°	984.0	1030.7	1074.1	1115.8	1150.9	1184.4	1215.5	1242.2	1265.0	1282.6	1296.5
2.5°	965.3	1011.4	1054.7	1097.1	1132.2	1164.4	1194.0	1219.9	1243.7	1260.5	1272.3
0°	944.0	990.2	1032.5	1072.4	1107.7	1142.5	1169.6	1195.9	1219.2	1235.8	1247.5
-2.5°	922.6	968.5	1012.3	1050.5	1085.5	1117.6	1146.5	1171.3	1193.6	1210.1	1220.5
-5°	894.1	939.7	982.9	1021.4	1058.0	1090.2	1118.3	1143.5	1164.9	1183.0	1197.0
-7.5°	859.5	905.7	948.8	988.1	1024.5	1055.0	1082.0	1107.4	1130.3	1150.0	1167.2
-10°	821.6	867.2	908.0	944.7	978.7	1009.6	1038.4	1063.5	1084.4	1103.7	1118.3
-12.5°	777.3	819.6	859.5	895.7	928.9	959.9	987.2	1011.2	1032.2	1049.3	1062.4
-15°	728.5	768.6	806.4	843.5	878.2	908.7	932.8	958.0	976.2	992.9	1004.6
-17.5°	676.3	715.1	754.8	792.0	824.1	854.2	880.6	903.7	922.8	938.0	951.3
-20°	623.3	662.9	701.1	736.5	767.4	795.3	822.1	844.2	863.8	880.4	896.0



REPORT NUMBER: P558498 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	570.2	606.4	642.3	676.9	706.2	732.5	756.0	777.2	794.5	814.0	827.8
-25°	515.6	547.4	579.7	610.3	637.9	663.8	685.1	703.7	721.8	740.6	754.1
-27.5°	460.7	488.8	515.1	542.2	566.4	588.8	608.6	624.8	642.4	654.9	669.7
-30°	406.5	431.9	453.9	472.7	495.5	514.8	530.1	546.3	560.7	572.8	585.2
-32.5°	360.5	377.9	395.5	411.2	426.4	442.2	454.6	468.7	478.6	488.9	499.0
-35°	316.4	329.8	341.4	356.2	367.5	376.1	386.5	396.8	400.8	412.0	418.0
-37.5°	276.4	285.2	296.0	306.3	314.7	321.2	330.4	335.8	338.7	345.9	349.8
-40°	242.1	247.7	257.9	264.9	269.9	274.6	282.2	285.7	289.6	293.3	293.4
-42.5°	212.0	219.2	226.1	231.6	234.8	240.1	243.7	244.1	249.1	252.4	252.9
-45°	187.4	194.7	200.1	204.2	207.4	212.0	214.3	215.5	219.7	221.9	222.8
-47.5°	168.5	173.6	178.3	181.4	185.6	189.0	190.7	192.9	196.0	198.0	199.5
-50°	151.9	155.9	159.5	162.3	166.5	169.5	171.1	173.8	176.2	177.6	178.7
-52.5°	137.2	140.9	143.4	146.1	149.6	152.2	154.3	156.9	158.9	160.2	161.2
-55°	123.6	126.9	129.4	132.4	134.9	136.6	138.4	141.0	142.9	144.2	145.1
-57.5°	111.5	114.0	116.4	119.2	121.5	123.4	125.0	126.4	127.7	128.8	129.6
-60°	100.2	102.2	104.4	106.6	108.3	109.7	111.4	112.7	113.5	114.1	114.7
-62.5°	89.3	91.1	93.1	94.8	96.2	97.4	98.7	99.8	100.6	101.1	101.5
-65°	78.9	80.5	82.2	83.6	84.9	85.9	86.8	87.6	88.1	88.5	88.9
-67.5°	69.2	70.5	71.7	72.7	73.6	74.5	75.3	75.9	76.2	76.5	76.9
-70°	59.9	60.9	61.7	62.3	62.8	63.5	64.3	64.9	65.2	65.5	65.9
-72.5°	50.9	51.7	52.3	52.7	53.0	53.5	54.1	54.5	54.9	55.2	55.3
-75°	42.2	42.8	43.4	43.8	44.0	44.3	44.6	44.7	44.7	44.9	44.9
-77.5°	33.7	34.3	34.8	35.2	35.4	35.7	35.9	36.0	36.0	36.0	35.9
-80°	26.3	26.7	27.1	27.3	27.5	27.6	27.8	27.8	27.7	27.8	27.8
-82.5°	19.1	19.5	19.8	20.0	20.1	20.3	20.4	20.5	20.6	20.6	20.6
-85°	12.4	12.5	12.7	12.8	13.0	13.1	13.1	13.1	13.1	13.1	13.1
-87.5°	6.1	6.1	6.0	5.9	5.7	5.8	5.8	5.8	5.8	5.9	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: P558498 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-927-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°	4.1	4.2	3.9	3.6	3.9	4.2	4.1	4.0	3.9	3.8	4.0
85°	13.7	13.8	13.6	13.3	13.6	13.8	13.7	13.6	13.4	13.2	13.3
82.5°	26.2	26.2	26.0	25.7	26.0	26.2	26.2	26.2	26.0	25.9	26.0
80°	40.0	39.7	39.6	39.3	39.6	39.7	40.0	40.1	40.1	40.1	40.3
77.5°	55.9	55.6	56.1	56.5	56.1	55.6	55.9	56.1	56.0	56.0	57.2
75°	77.5	76.9	76.3	75.5	76.3	76.9	77.5	77.8	77.8	77.8	79.1
72.5°	102.6	102.1	101.7	100.9	101.7	102.1	102.6	102.7	102.4	102.7	104.7
70°	132.5	131.1	131.3	131.4	131.3	131.1	132.5	133.3	133.4	133.8	135.6
67.5°	170.1	168.8	168.9	168.8	168.9	168.8	170.1	170.6	170.4	170.9	172.3
65°	215.6	214.2	212.4	209.9	212.4	214.2	215.6	216.0	215.3	214.8	214.6
62.5°	264.5	263.2	263.9	264.5	263.9	263.2	264.5	264.6	263.6	263.4	262.6
60°	318.8	317.0	316.1	314.7	316.1	317.0	318.8	319.0	317.6	317.4	316.4
57.5°	385.9	385.5	384.7	382.6	384.7	385.5	385.9	384.3	381.0	380.2	377.3
55°	460.2	459.8	461.5	463.6	461.5	459.8	460.2	458.1	453.7	451.3	447.1
52.5°	540.7	542.1	541.6	538.8	541.6	542.1	540.7	536.9	531.6	527.5	520.1
50°	620.5	622.0	623.6	625.1	623.6	622.0	620.5	616.0	611.0	607.0	600.2
47.5°	710.9	714.9	715.6	712.7	715.6	714.9	710.9	703.4	698.0	691.8	678.9
45°	813.5	815.9	817.2	819.6	817.2	815.9	813.5	805.5	801.5	795.1	782.5
42.5°	943.0	945.8	946.3	948.9	946.3	945.8	943.0	932.7	929.1	916.9	899.0
40°	1096.6	1101.2	1100.4	1099.3	1100.4	1101.2	1096.6	1085.1	1082.4	1070.5	1055.4
37.5°	1276.5	1284.2	1285.0	1289.8	1285.0	1284.2	1276.5	1264.5	1256.0	1233.2	1223.3
35°	1478.3	1487.5	1485.9	1488.2	1485.9	1487.5	1478.3	1465.6	1453.4	1432.9	1407.8
32.5°	1682.0	1695.7	1698.4	1709.9	1698.4	1695.7	1682.0	1663.8	1644.0	1617.0	1583.7
30°	1842.0	1861.1	1873.6	1872.7	1873.6	1861.1	1842.0	1817.7	1801.7	1755.9	1719.5
27.5°	1908.3	1933.1	1956.3	1963.3	1956.3	1933.1	1908.3	1878.4	1869.0	1803.7	1780.8
25°	1843.6	1861.8	1882.3	1893.2	1882.3	1861.8	1843.6	1822.9	1790.6	1748.6	1715.8
22.5°	1710.7	1722.5	1729.5	1723.8	1729.5	1722.5	1710.7	1696.8	1666.5	1634.0	1597.9
20°	1590.2	1605.0	1607.8	1613.9	1607.8	1605.0	1590.2	1572.4	1555.1	1527.1	1495.9
17.5°	1500.5	1510.2	1515.9	1517.2	1515.9	1510.2	1500.5	1483.7	1467.9	1442.7	1415.3
15°	1430.1	1437.9	1443.1	1445.4	1443.1	1437.9	1430.1	1416.6	1399.5	1377.9	1354.2
12.5°	1380.3	1389.8	1394.5	1397.3	1394.5	1389.8	1380.3	1368.8	1351.2	1334.2	1309.4
10°	1348.3	1357.5	1361.3	1362.6	1361.3	1357.5	1348.3	1337.3	1323.5	1304.4	1282.2
7.5°	1325.4	1331.3	1333.8	1335.7	1333.8	1331.3	1325.4	1316.6	1302.2	1282.4	1260.3
5°	1306.9	1311.6	1314.2	1317.0	1314.2	1311.6	1306.9	1296.5	1282.6	1265.0	1242.2
2.5°	1281.6	1288.4	1293.0	1295.9	1293.0	1288.4	1281.6	1272.3	1260.5	1243.7	1219.9
0°	1256.9	1263.3	1266.6	1272.0	1266.6	1263.3	1256.9	1247.5	1235.8	1219.2	1195.9
-2.5°	1229.7	1237.0	1245.8	1254.2	1245.8	1237.0	1229.7	1220.5	1210.1	1193.6	1171.3
-5°	1208.9	1218.6	1220.4	1225.8	1220.4	1218.6	1208.9	1197.0	1183.0	1164.9	1143.5
-7.5°	1177.5	1181.9	1189.4	1190.8	1189.4	1181.9	1177.5	1167.2	1150.0	1130.3	1107.4
-10°	1129.1	1136.3	1141.0	1145.8	1141.0	1136.3	1129.1	1118.3	1103.7	1084.4	1063.5
-12.5°	1072.2	1080.7	1088.2	1087.2	1088.2	1080.7	1072.2	1062.4	1049.3	1032.2	1011.2
-15°	1016.9	1025.0	1030.2	1029.5	1030.2	1025.0	1016.9	1004.6	992.9	976.2	958.0
-17.5°	961.9	969.3	976.9	976.7	976.9	969.3	961.9	951.3	938.0	922.8	903.7
-20°	905.1	911.5	919.5	922.9	919.5	911.5	905.1	896.0	880.4	863.8	844.2



REPORT NUMBER: P558498 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-927-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°	839.5	847.6	853.5	857.1	853.5	847.6	839.5	827.8	814.0	794.5	777.2
-25°	762.9	771.3	775.7	777.3	775.7	771.3	762.9	754.1	740.6	721.8	703.7
-27.5°	678.4	687.8	692.4	690.1	692.4	687.8	678.4	669.7	654.9	642.4	624.8
-30°	591.7	597.8	598.5	603.7	598.5	597.8	591.7	585.2	572.8	560.7	546.3
-32.5°	506.2	510.3	508.0	508.3	508.0	510.3	506.2	499.0	488.9	478.6	468.7
-35°	421.7	424.9	425.6	431.6	425.6	424.9	421.7	418.0	412.0	400.8	396.8
-37.5°	353.9	355.2	353.2	350.3	353.2	355.2	353.9	349.8	345.9	338.7	335.8
-40°	296.3	297.3	296.6	295.1	296.6	297.3	296.3	293.4	293.3	289.6	285.7
-42.5°	254.9	254.9	254.2	254.0	254.2	254.9	254.9	252.9	252.4	249.1	244.1
-45°	224.2	224.5	224.5	224.4	224.5	224.5	224.2	222.8	221.9	219.7	215.5
-47.5°	200.5	200.5	200.2	199.6	200.2	200.5	200.5	199.5	198.0	196.0	192.9
-50°	179.5	179.5	179.9	180.6	179.9	179.5	179.5	178.7	177.6	176.2	173.8
-52.5°	161.7	161.7	161.9	162.2	161.9	161.7	161.7	161.2	160.2	158.9	156.9
-55°	145.5	145.4	145.2	144.7	145.2	145.4	145.5	145.1	144.2	142.9	141.0
-57.5°	129.9	129.8	129.4	128.7	129.4	129.8	129.9	129.6	128.8	127.7	126.4
-60°	115.1	115.2	115.0	114.5	115.0	115.2	115.1	114.7	114.1	113.5	112.7
-62.5°	101.6	101.4	101.4	101.2	101.4	101.4	101.6	101.5	101.1	100.6	99.8
-65°	89.0	88.8	88.8	88.8	88.8	88.8	89.0	88.9	88.5	88.1	87.6
-67.5°	77.1	77.0	77.1	77.0	77.1	77.0	77.1	76.9	76.5	76.2	75.9
-70°	66.1	66.1	65.8	65.2	65.8	66.1	66.1	65.9	65.5	65.2	64.9
-72.5°	55.3	55.1	55.1	55.0	55.1	55.1	55.3	55.3	55.2	54.9	54.5
-75°	44.9	44.8	45.1	45.3	45.1	44.8	44.9	44.9	44.9	44.7	44.7
-77.5°	35.7	35.5	35.7	35.9	35.7	35.5	35.7	35.9	36.0	36.0	36.0
-80°	27.8	27.7	27.6	27.5	27.6	27.7	27.8	27.8	27.8	27.7	27.8
-82.5°	20.5	20.4	20.3	20.2	20.3	20.4	20.5	20.6	20.6	20.6	20.5
-85°	13.0	12.9	13.1	13.3	13.1	12.9	13.0	13.1	13.1	13.1	13.1
-87.5°	5.9	6.0	5.8	5.7	5.8	6.0	5.9	5.9	5.9	5.8	5.8
-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: P558498 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-927-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°	4.2	4.4	4.6	4.7	4.7	4.7	4.7	4.6	4.6	4.5	4.5
85°	13.4	13.5	13.5	13.7	13.8	13.9	13.8	13.6	13.2	12.8	12.3
82.5°	26.1	26.0	25.9	26.1	26.3	26.2	26.0	25.5	24.9	24.0	23.0
80°	40.4	40.4	40.3	40.9	41.1	41.1	40.7	39.8	38.6	37.4	36.1
77.5°	58.0	58.4	58.6	59.1	59.2	58.9	58.0	56.6	55.4	53.8	51.7
75°	80.0	80.5	80.9	81.4	81.4	81.0	80.0	78.3	76.1	73.3	69.5
72.5°	106.0	106.7	106.9	106.9	106.3	105.7	104.4	102.1	99.1	95.5	90.5
70°	136.7	137.1	136.9	136.1	135.0	133.6	131.3	128.1	124.0	119.7	113.6
67.5°	172.8	172.4	171.1	169.4	167.6	164.8	161.2	156.6	151.9	146.5	138.3
65°	213.8	212.4	210.8	208.4	205.0	200.3	194.8	189.0	182.8	175.3	164.9
62.5°	260.0	255.4	253.8	251.6	247.2	240.8	234.0	226.6	217.4	206.6	196.2
60°	313.8	309.9	306.0	300.8	294.4	286.4	277.7	267.7	256.4	244.4	230.5
57.5°	371.9	366.7	362.7	355.8	345.9	336.5	325.6	311.8	298.2	284.3	267.7
55°	441.6	434.4	425.8	416.2	405.5	393.4	378.5	362.4	345.8	326.7	308.9
52.5°	509.8	503.4	493.6	479.7	467.2	454.5	437.1	418.2	399.4	379.6	354.7
50°	590.5	580.7	567.4	551.2	538.1	520.8	501.4	478.5	458.9	436.2	408.8
47.5°	671.6	665.2	649.5	630.7	618.5	598.5	574.6	548.9	527.3	496.4	466.6
45°	774.1	762.6	744.9	728.8	709.8	687.5	656.9	632.4	603.6	569.9	526.6
42.5°	894.3	877.6	854.7	841.2	818.4	789.0	755.0	724.1	688.1	648.7	599.0
40°	1040.0	1012.4	989.2	967.4	941.4	902.6	864.9	823.8	780.7	732.3	667.6
37.5°	1207.3	1178.1	1143.8	1107.7	1074.2	1029.9	979.5	931.1	879.3	806.4	732.6
35°	1381.6	1348.2	1305.8	1262.1	1210.0	1148.0	1096.0	1038.9	968.2	873.6	792.8
32.5°	1553.6	1498.8	1452.9	1405.7	1327.6	1251.1	1195.2	1144.5	1024.3	926.7	845.7
30°	1678.0	1608.7	1562.2	1497.6	1399.6	1329.9	1276.7	1171.4	1059.6	963.8	886.9
27.5°	1705.2	1653.9	1606.7	1509.7	1425.3	1363.7	1280.5	1173.2	1071.6	981.4	907.0
25°	1653.0	1606.1	1548.7	1468.0	1397.6	1334.3	1246.9	1149.7	1058.5	979.1	895.5
22.5°	1553.7	1510.9	1458.6	1395.6	1335.9	1271.4	1194.4	1110.1	1031.7	957.3	876.4
20°	1458.9	1420.3	1371.8	1322.0	1270.6	1209.4	1136.3	1067.4	1003.6	931.6	853.4
17.5°	1384.3	1344.5	1306.4	1263.2	1210.5	1148.0	1095.4	1038.7	975.6	904.0	827.2
15°	1322.2	1292.2	1255.9	1210.3	1162.0	1117.5	1067.5	1009.5	946.6	874.2	802.8
12.5°	1284.2	1252.2	1212.5	1176.9	1136.6	1090.0	1038.5	979.3	919.2	858.6	794.5
10°	1253.9	1223.6	1190.8	1153.3	1110.8	1062.5	1014.3	962.9	906.9	847.4	783.9
7.5°	1234.5	1203.1	1168.3	1131.7	1091.0	1047.5	1000.3	949.1	892.6	833.2	770.9
5°	1215.5	1184.4	1150.9	1115.8	1074.1	1030.7	984.0	932.6	875.9	816.0	755.4
2.5°	1194.0	1164.4	1132.2	1097.1	1054.7	1011.4	965.3	913.3	857.4	799.9	737.7
0°	1169.6	1142.5	1107.7	1072.4	1032.5	990.2	944.0	890.9	836.2	781.9	717.2
-2.5°	1146.5	1117.6	1085.5	1050.5	1012.3	968.5	922.6	871.2	815.3	760.4	697.2
-5°	1118.3	1090.2	1058.0	1021.4	982.9	939.7	894.1	844.4	789.5	735.1	674.8
-7.5°	1082.0	1055.0	1024.5	988.1	948.8	905.7	859.5	809.9	756.4	702.6	644.0
-10°	1038.4	1009.6	978.7	944.7	908.0	867.2	821.6	772.0	720.5	667.0	610.5
-12.5°	987.2	959.9	928.9	895.7	859.5	819.6	777.3	730.0	681.9	628.1	574.6
-15°	932.8	908.7	878.2	843.5	806.4	768.6	728.5	683.4	639.0	586.3	536.1
-17.5°	880.6	854.2	824.1	792.0	754.8	715.1	676.3	634.9	592.0	544.0	498.0
-20°	822.1	795.3	767.4	736.5	701.1	662.9	623.3	583.9	543.5	501.8	460.0



REPORT NUMBER: P558498 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	756.0	732.5	706.2	676.9	642.3	606.4	570.2	533.0	494.7	458.8	421.3
-25°	685.1	663.8	637.9	610.3	579.7	547.4	515.6	482.5	449.6	415.9	382.7
-27.5°	608.6	588.8	566.4	542.2	515.1	488.8	460.7	432.2	405.6	375.9	346.9
-30°	530.1	514.8	495.5	472.7	453.9	431.9	406.5	386.2	363.2	337.7	314.1
-32.5°	454.6	442.2	426.4	411.2	395.5	377.9	360.5	341.7	321.6	303.5	284.2
-35°	386.5	376.1	367.5	356.2	341.4	329.8	316.4	300.9	285.6	271.0	255.5
-37.5°	330.4	321.2	314.7	306.3	296.0	285.2	276.4	265.8	253.2	241.6	229.0
-40°	282.2	274.6	269.9	264.9	257.9	247.7	242.1	234.2	225.6	214.4	204.3
-42.5°	243.7	240.1	234.8	231.6	226.1	219.2	212.0	207.5	200.6	191.9	183.6
-45°	214.3	212.0	207.4	204.2	200.1	194.7	187.4	184.0	178.8	172.7	164.9
-47.5°	190.7	189.0	185.6	181.4	178.3	173.6	168.5	163.7	160.6	155.4	149.0
-50°	171.1	169.5	166.5	162.3	159.5	155.9	151.9	147.1	144.1	139.7	134.4
-52.5°	154.3	152.2	149.6	146.1	143.4	140.9	137.2	132.8	129.0	126.0	122.1
-55°	138.4	136.6	134.9	132.4	129.4	126.9	123.6	119.7	116.6	114.0	110.6
-57.5°	125.0	123.4	121.5	119.2	116.4	114.0	111.5	108.5	105.2	102.8	99.7
-60°	111.4	109.7	108.3	106.6	104.4	102.2	100.2	97.6	94.6	92.2	89.5
-62.5°	98.7	97.4	96.2	94.8	93.1	91.1	89.3	87.1	84.7	82.1	79.9
-65°	86.8	85.9	84.9	83.6	82.2	80.5	78.9	77.1	75.2	72.9	70.8
-67.5°	75.3	74.5	73.6	72.7	71.7	70.5	69.2	67.7	66.1	64.3	62.5
-70°	64.3	63.5	62.8	62.3	61.7	60.9	59.9	58.8	57.4	56.0	54.4
-72.5°	54.1	53.5	53.0	52.7	52.3	51.7	50.9	50.1	49.1	48.0	46.5
-75°	44.6	44.3	44.0	43.8	43.4	42.8	42.2	41.6	40.8	39.8	38.6
-77.5°	35.9	35.7	35.4	35.2	34.8	34.3	33.7	33.2	32.7	32.0	31.1
-80°	27.8	27.6	27.5	27.3	27.1	26.7	26.3	25.9	25.3	24.6	23.9
-82.5°	20.4	20.3	20.1	20.0	19.8	19.5	19.1	18.8	18.4	17.9	17.4
-85°	13.1	13.1	13.0	12.8	12.7	12.5	12.4	12.2	12.0	11.8	11.6
-87.5°	5.8	5.8	5.7	5.9	6.0	6.1	6.1	6.1	6.0	5.9	5.8
-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: P558498 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-927-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°	4.4	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.2	2.9	2.5
85°	11.7	11.0	10.2	9.3	8.4	7.6	7.3	6.9	6.3	5.7	5.1
82.5°	21.8	20.8	19.7	18.5	17.1	15.7	14.2	12.6	10.6	8.7	7.6
80°	34.5	32.8	30.8	28.7	26.4	23.8	21.8	19.5	16.7	14.0	11.4
77.5°	48.9	45.9	42.7	39.9	37.0	33.9	30.6	26.8	22.8	19.3	15.9
75°	64.9	61.1	57.3	53.0	48.5	44.0	40.0	35.4	29.9	24.6	20.3
72.5°	84.9	79.0	73.0	66.8	61.4	55.9	50.2	43.9	37.5	31.2	25.0
70°	106.2	98.2	90.6	83.1	75.4	67.7	61.1	53.3	44.9	37.6	30.6
67.5°	129.0	120.2	110.5	100.0	90.6	81.6	72.3	62.9	53.4	44.0	36.0
65°	154.9	143.7	131.7	120.0	107.7	95.5	85.1	72.8	61.7	51.3	41.4
62.5°	183.3	168.7	155.6	141.0	126.5	112.2	97.6	83.7	70.2	58.5	47.3
60°	215.4	199.5	181.1	164.7	147.3	129.7	112.3	94.2	79.5	65.5	53.4
57.5°	250.8	232.0	212.4	190.8	170.3	149.5	127.0	106.2	88.4	73.1	59.2
55°	287.8	266.7	244.5	220.7	195.4	171.4	142.5	118.5	97.5	80.6	64.6
52.5°	329.2	304.0	278.4	251.6	223.7	192.7	159.7	130.1	107.6	87.8	70.4
50°	376.9	345.4	315.0	284.2	252.4	215.2	175.8	144.0	117.2	95.1	75.9
47.5°	431.4	393.1	355.5	318.5	283.3	236.0	193.5	157.2	126.0	102.8	81.0
45°	487.8	445.7	400.0	357.2	308.4	257.1	210.7	169.4	136.8	109.6	85.7
42.5°	544.4	498.8	449.8	396.3	334.2	277.1	226.5	183.1	146.7	115.7	90.6
40°	607.3	551.8	499.5	432.7	357.6	295.2	242.7	195.9	155.6	122.0	95.6
37.5°	667.2	605.8	548.4	460.4	379.1	313.8	257.5	207.4	163.7	128.7	100.1
35°	723.2	658.3	573.0	482.9	400.3	329.6	270.6	218.3	172.4	134.7	104.1
32.5°	774.2	691.9	591.9	500.5	417.2	342.4	282.5	227.9	179.8	139.8	107.7
30°	809.0	704.4	604.8	513.2	429.8	354.9	292.2	235.9	185.9	144.2	111.0
27.5°	810.8	710.2	611.8	521.1	438.4	364.0	299.5	242.3	190.8	148.2	114.5
25°	804.5	707.7	612.8	524.1	443.0	371.4	305.2	247.1	195.3	152.1	117.3
22.5°	789.6	698.6	608.2	522.1	448.0	376.6	309.8	251.1	199.0	155.0	119.5
20°	770.8	683.7	600.4	524.0	450.6	379.9	313.3	253.8	201.4	157.0	121.0
17.5°	747.9	672.0	599.1	523.6	450.6	380.9	314.9	255.0	202.5	158.1	122.0
15°	737.3	667.4	595.2	520.9	448.1	379.6	314.6	254.8	202.4	158.3	122.7
12.5°	728.8	660.2	588.8	515.6	443.2	376.2	312.5	253.3	201.2	158.3	123.2
10°	718.0	650.3	580.0	508.0	436.1	370.7	308.7	251.0	200.6	158.1	123.3
7.5°	704.9	637.8	568.7	498.1	427.4	364.5	304.9	248.4	199.3	157.1	122.8
5°	689.6	624.0	556.7	488.5	420.9	358.0	299.7	244.6	197.2	155.6	122.0
2.5°	673.2	609.8	543.1	477.0	412.6	350.0	293.2	239.7	194.3	153.4	120.7
0°	654.1	593.1	527.3	463.3	402.6	340.4	285.4	233.7	190.6	150.7	119.0
-2.5°	637.3	574.8	510.3	448.4	388.0	328.9	276.9	227.7	186.5	148.0	117.2
-5°	617.9	554.2	491.2	431.6	371.9	316.2	267.4	221.0	181.7	144.9	115.1
-7.5°	589.2	528.9	469.5	412.7	354.4	302.5	256.9	213.5	176.3	141.3	112.7
-10°	557.0	500.3	444.9	391.4	337.5	289.0	246.0	205.5	170.5	137.4	110.0
-12.5°	522.9	470.2	419.0	369.0	320.0	275.7	235.4	197.6	164.2	133.0	107.1
-15°	487.1	438.7	391.9	345.9	302.0	261.8	224.4	189.6	158.0	128.6	103.8
-17.5°	450.8	406.3	363.9	322.3	283.6	247.2	212.9	181.1	151.5	124.2	100.6
-20°	417.6	376.0	335.3	298.4	265.0	232.3	201.3	172.3	144.8	119.5	97.4



REPORT NUMBER: P558498 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-927-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°	384.5	348.0	311.3	276.2	246.8	217.0	189.4	163.2	137.8	114.7	93.9
-25°	351.6	320.2	287.9	257.7	229.1	202.8	178.0	153.9	130.6	109.6	90.2
-27.5°	320.6	293.1	264.3	239.2	213.7	188.8	166.9	145.1	123.6	104.4	86.3
-30°	290.9	267.2	243.2	221.0	198.4	176.7	155.8	136.3	117.2	99.4	82.3
-32.5°	263.6	241.6	223.0	204.2	184.4	164.6	145.6	127.6	110.8	94.4	78.5
-35°	238.2	219.8	203.4	187.9	170.9	153.7	136.2	119.0	104.4	89.3	74.7
-37.5°	214.0	200.5	186.4	172.7	157.4	142.9	127.4	111.8	98.1	84.0	70.9
-40°	194.1	182.5	170.8	158.2	145.5	132.4	118.6	105.0	91.9	78.7	67.0
-42.5°	175.1	166.1	156.0	144.2	134.4	122.7	109.8	98.1	85.9	73.8	63.0
-45°	158.2	150.6	142.0	133.1	123.7	113.1	102.1	91.1	79.9	69.3	59.2
-47.5°	142.3	136.7	129.7	122.2	113.6	103.9	94.4	84.5	73.9	64.7	55.6
-50°	128.9	124.1	118.4	111.7	103.7	95.4	86.7	77.9	68.9	60.2	51.8
-52.5°	117.3	112.7	107.6	101.4	94.6	86.9	79.7	71.5	63.7	55.8	48.1
-55°	106.4	101.8	97.2	91.9	85.8	79.4	72.7	65.7	58.5	51.5	44.3
-57.5°	96.1	91.6	87.7	82.9	77.8	72.2	66.2	59.9	53.5	47.1	40.9
-60°	86.2	82.6	78.7	74.7	70.3	65.2	59.8	54.2	48.6	42.7	37.4
-62.5°	77.1	73.8	70.6	67.0	62.9	58.3	53.5	48.7	43.5	38.8	34.0
-65°	68.5	65.8	62.7	59.4	55.6	51.6	47.5	43.2	39.0	34.8	30.5
-67.5°	60.3	57.8	54.8	51.7	48.8	45.4	41.6	38.1	34.6	30.8	27.0
-70°	52.4	49.9	47.4	45.1	42.4	39.4	36.3	33.2	30.1	27.0	23.5
-72.5°	44.7	42.8	40.8	38.7	36.3	33.8	31.1	28.4	25.9	23.1	20.1
-75°	37.2	35.8	34.2	32.5	30.4	28.2	26.1	24.0	21.7	19.3	17.0
-77.5°	30.0	28.9	27.7	26.4	24.8	23.1	21.4	19.5	17.7	15.9	14.0
-80°	23.2	22.5	21.7	20.7	19.4	18.1	16.8	15.5	14.1	12.6	11.1
-82.5°	16.9	16.4	15.9	15.2	14.3	13.4	12.5	11.6	10.5	9.3	8.2
-85°	11.2	10.8	10.4	9.9	9.3	8.8	8.3	7.7	7.0	6.2	5.5
-87.5°	5.6	5.4	5.1	4.9	4.6	4.4	4.1	3.8	3.5	3.1	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	2.2	1.9	1.5	1.1	0.8	0.4	0.0
85°	4.4	3.7	3.0	2.3	1.5	0.8	0.0
82.5°	6.6	5.6	4.5	3.4	2.3	1.1	0.0
80°	9.0	7.4	6.0	4.5	3.1	1.5	0.0
77.5°	12.7	9.6	7.5	5.7	3.8	1.9	0.0
75°	16.4	12.6	9.1	6.8	4.5	2.2	0.0
72.5°	20.0	15.6	11.3	7.9	5.3	2.6	0.0
70°	23.7	18.4	13.6	9.0	6.0	3.0	0.0
67.5°	28.3	21.3	15.8	10.6	6.7	3.3	0.0
65°	32.7	24.4	17.9	12.2	7.4	3.6	0.0
62.5°	36.9	27.8	20.0	13.7	8.1	4.0	0.0
60°	41.0	31.1	22.0	15.2	8.8	4.3	0.0
57.5°	45.6	34.3	24.4	16.6	9.7	4.6	0.0
55°	50.1	37.3	26.8	18.0	10.6	4.9	0.0
52.5°	54.4	40.3	29.0	19.3	11.5	5.2	0.0
50°	58.4	43.5	31.2	20.6	12.3	5.5	0.0
47.5°	62.2	46.6	33.2	21.9	13.1	5.8	0.0
45°	66.2	49.5	35.1	23.3	13.9	6.1	0.0
42.5°	69.9	52.1	36.9	24.6	14.6	6.3	0.0
40°	73.3	54.6	38.7	25.9	15.3	6.6	0.0
37.5°	76.3	56.8	40.5	27.1	16.0	6.8	0.0
35°	79.0	59.0	42.2	28.3	16.6	7.0	0.0
32.5°	81.6	61.1	43.7	29.3	17.2	7.2	0.0
30°	84.4	62.9	45.1	30.3	17.8	7.4	0.0
27.5°	86.8	64.5	46.3	31.2	18.3	7.6	0.0
25°	88.8	65.8	47.5	32.0	18.7	7.8	0.0
22.5°	90.5	67.0	48.4	32.7	19.1	7.9	0.0
20°	91.8	68.1	49.2	33.4	19.5	8.0	0.0
17.5°	92.9	69.0	49.9	33.9	19.8	8.1	0.0
15°	93.9	69.8	50.4	34.4	20.1	8.2	0.0
12.5°	94.4	70.3	50.7	34.7	20.3	8.3	0.0
10°	94.7	70.7	50.9	35.0	20.5	8.4	0.0
7.5°	94.6	70.8	51.0	35.2	20.7	8.4	0.0
5°	94.1	70.8	50.9	35.3	20.8	8.5	0.0
2.5°	93.4	70.5	50.7	35.4	20.8	8.5	0.0
0°	92.4	70.1	50.4	35.3	20.8	8.5	0.0
-2.5°	91.3	69.4	50.2	35.1	20.8	8.5	0.0
-5°	90.0	68.6	49.8	34.9	20.7	8.5	0.0
-7.5°	88.5	67.6	49.3	34.6	20.5	8.5	0.0
-10°	86.7	66.4	48.7	34.2	20.3	8.4	0.0
-12.5°	84.7	65.1	48.0	33.7	20.1	8.4	0.0
-15°	82.5	63.6	47.2	33.2	19.8	8.3	0.0
-17.5°	80.2	62.1	46.3	32.5	19.5	8.2	0.0
-20°	77.7	60.4	45.3	31.8	19.2	8.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	75.2	58.6	44.2	31.1	18.8	8.0	0.0
-25°	72.6	56.8	43.0	30.3	18.4	7.9	0.0
-27.5°	69.8	55.0	41.7	29.4	17.9	7.7	0.0
-30°	66.9	53.0	40.3	28.5	17.4	7.6	0.0
-32.5°	63.9	51.0	38.8	27.5	16.9	7.4	0.0
-35°	61.1	48.8	37.3	26.4	16.3	7.2	0.0
-37.5°	58.3	46.6	35.7	25.3	15.7	7.0	0.0
-40°	55.5	44.5	34.1	24.2	15.1	6.7	0.0
-42.5°	52.5	42.3	32.4	23.0	14.5	6.5	0.0
-45°	49.5	40.1	30.8	21.7	13.8	6.2	0.0
-47.5°	46.3	37.8	29.1	20.5	13.1	6.0	0.0
-50°	43.5	35.4	27.3	19.3	12.4	5.7	0.0
-52.5°	40.6	33.0	25.5	18.2	11.6	5.4	0.0
-55°	37.7	30.7	23.6	17.1	10.9	5.1	0.0
-57.5°	34.7	28.3	21.7	15.9	10.1	4.8	0.0
-60°	31.7	25.9	19.8	14.7	9.3	4.4	0.0
-62.5°	28.8	23.4	18.2	13.4	8.6	4.1	0.0
-65°	25.8	20.9	16.5	12.2	7.9	3.8	0.0
-67.5°	22.8	18.6	14.8	10.9	7.1	3.4	0.0
-70°	19.8	16.5	13.1	9.6	6.4	3.1	0.0
-72.5°	17.2	14.3	11.3	8.4	5.6	2.7	0.0
-75°	14.6	12.1	9.6	7.2	4.8	2.3	0.0
-77.5°	12.0	10.0	8.0	6.0	4.1	1.9	0.0
-80°	9.4	7.9	6.4	4.8	3.3	1.6	0.0
-82.5°	7.0	5.9	4.8	3.6	2.4	1.2	0.0
-85°	4.7	4.0	3.2	2.4	1.6	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)