

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: P559141 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559141 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6B-930-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

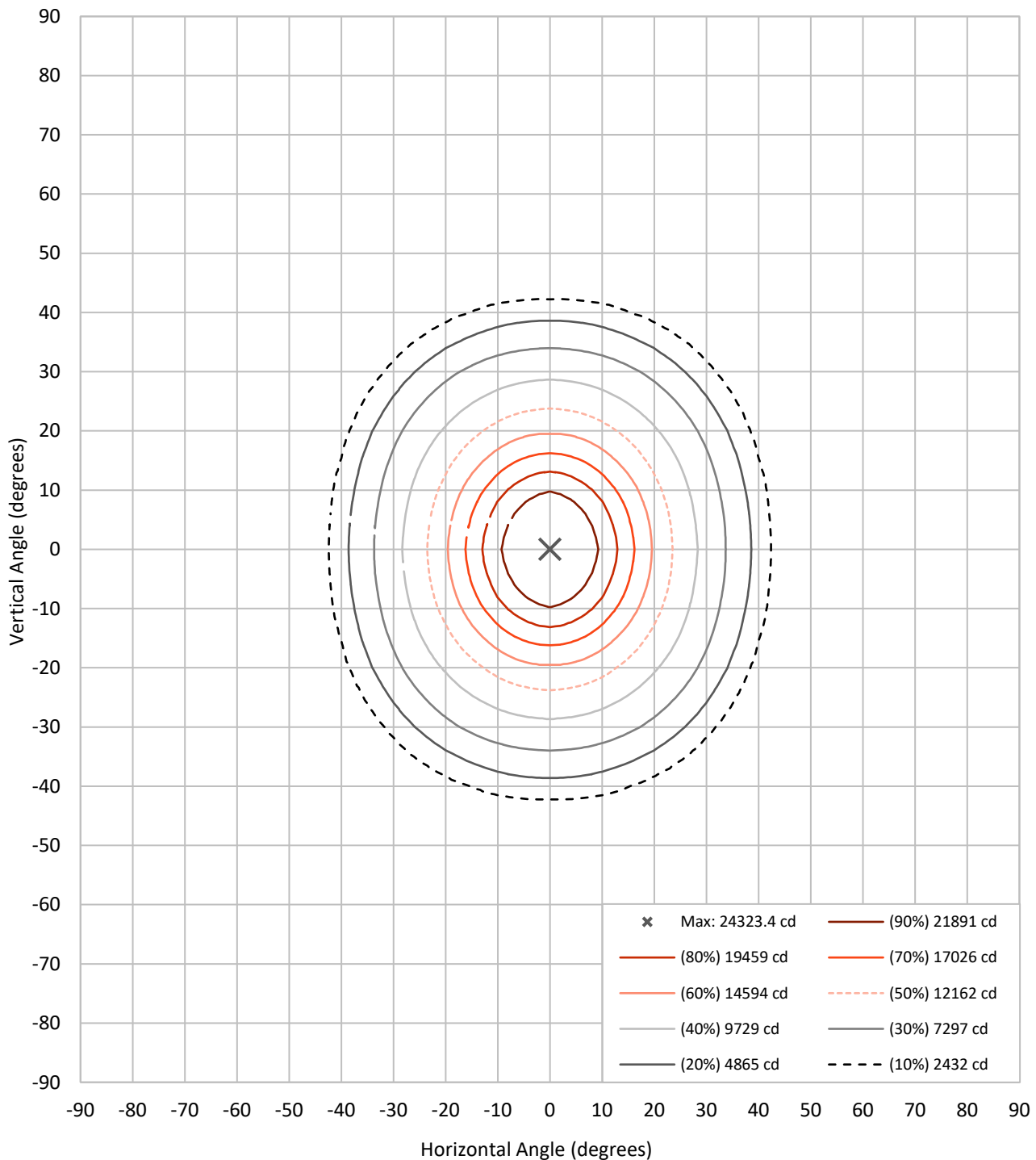
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	18934.4 lumens	Max Intensity:	24323.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	8934.5 lumens	Field Lumens:	17192.4 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 185
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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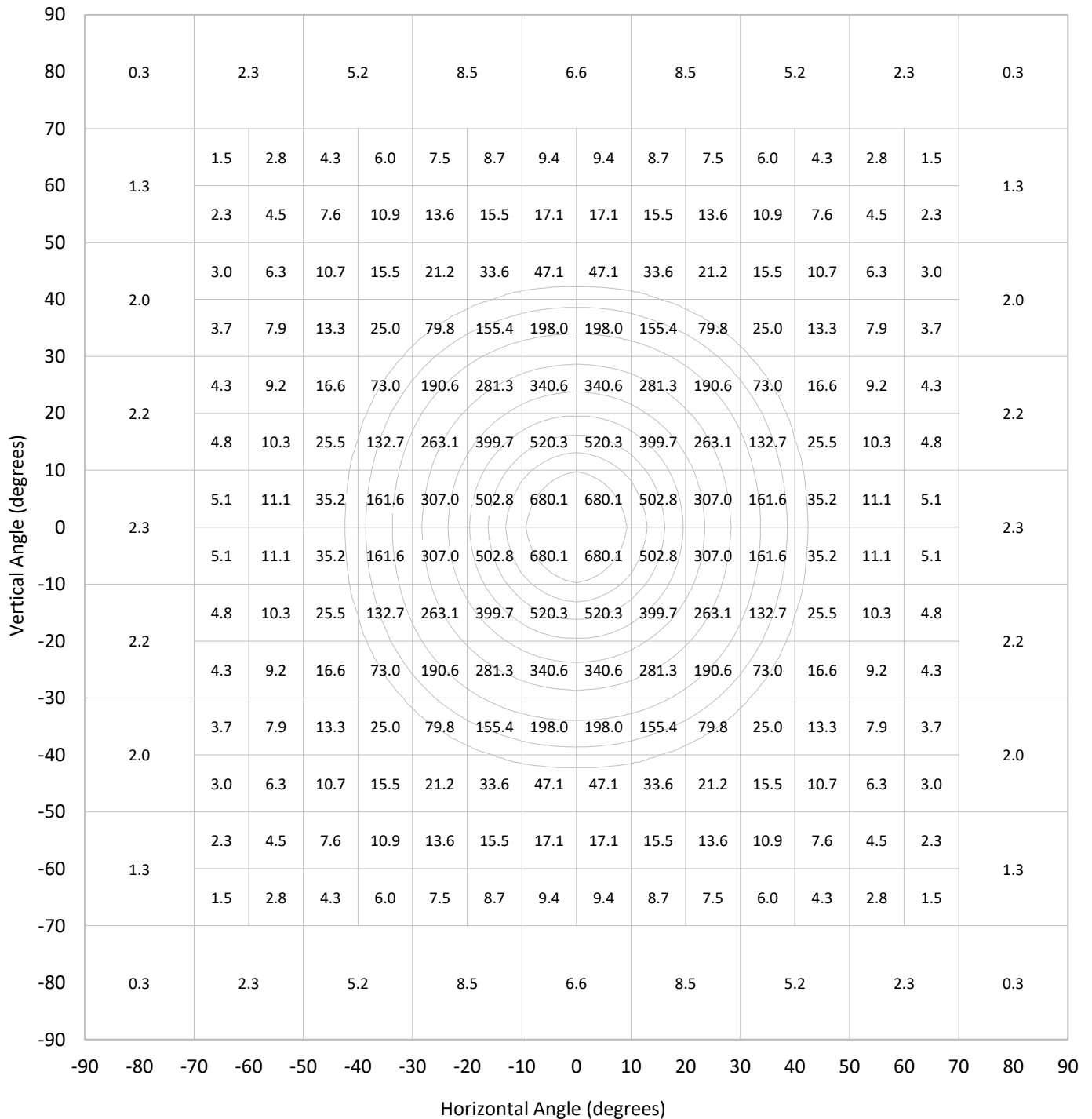
Iso-Candela Plot





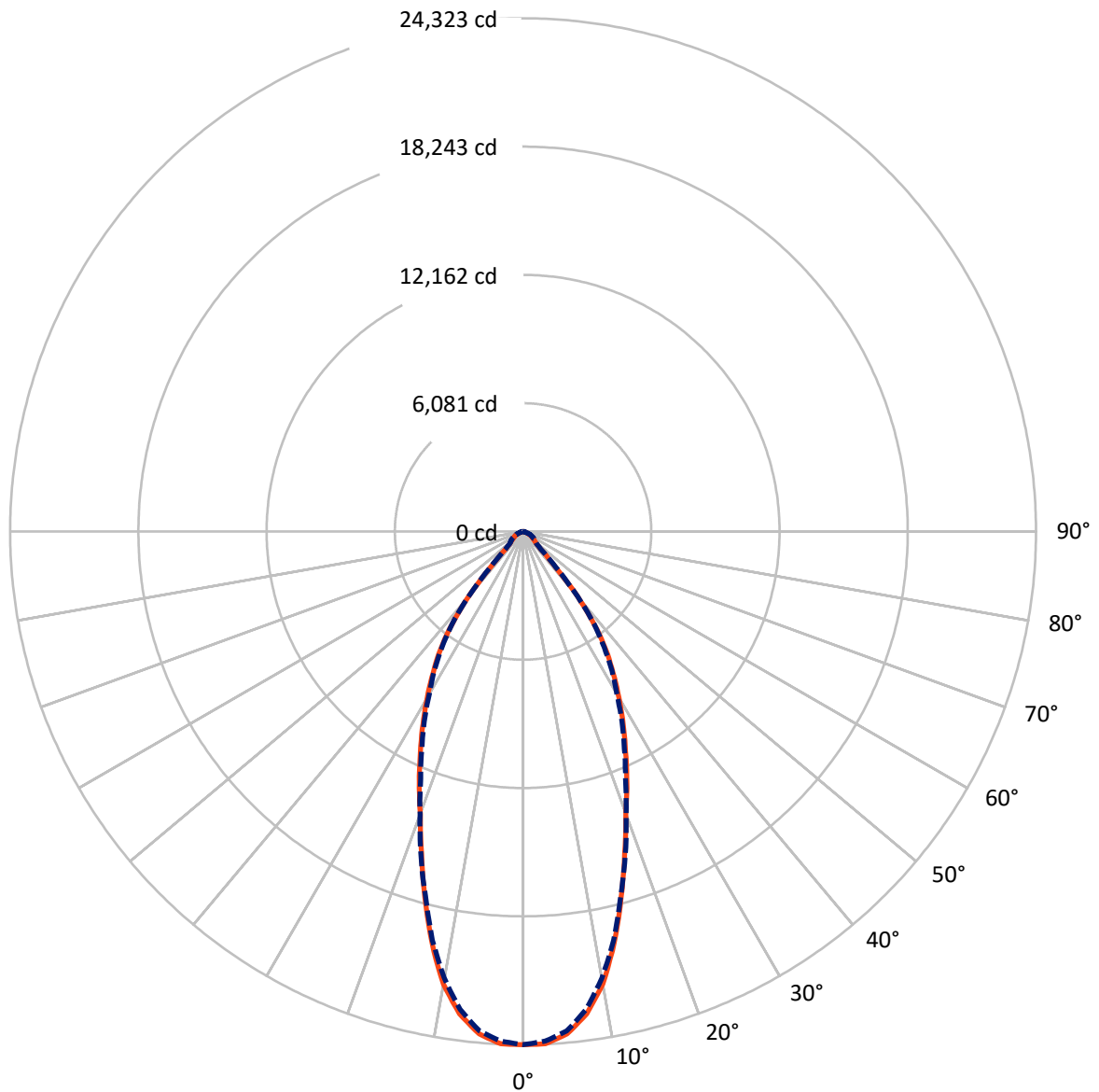
REPORT NUMBER: P559141 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P559141 (CONVERTED FROM TYPE C PHOTOMETRY)
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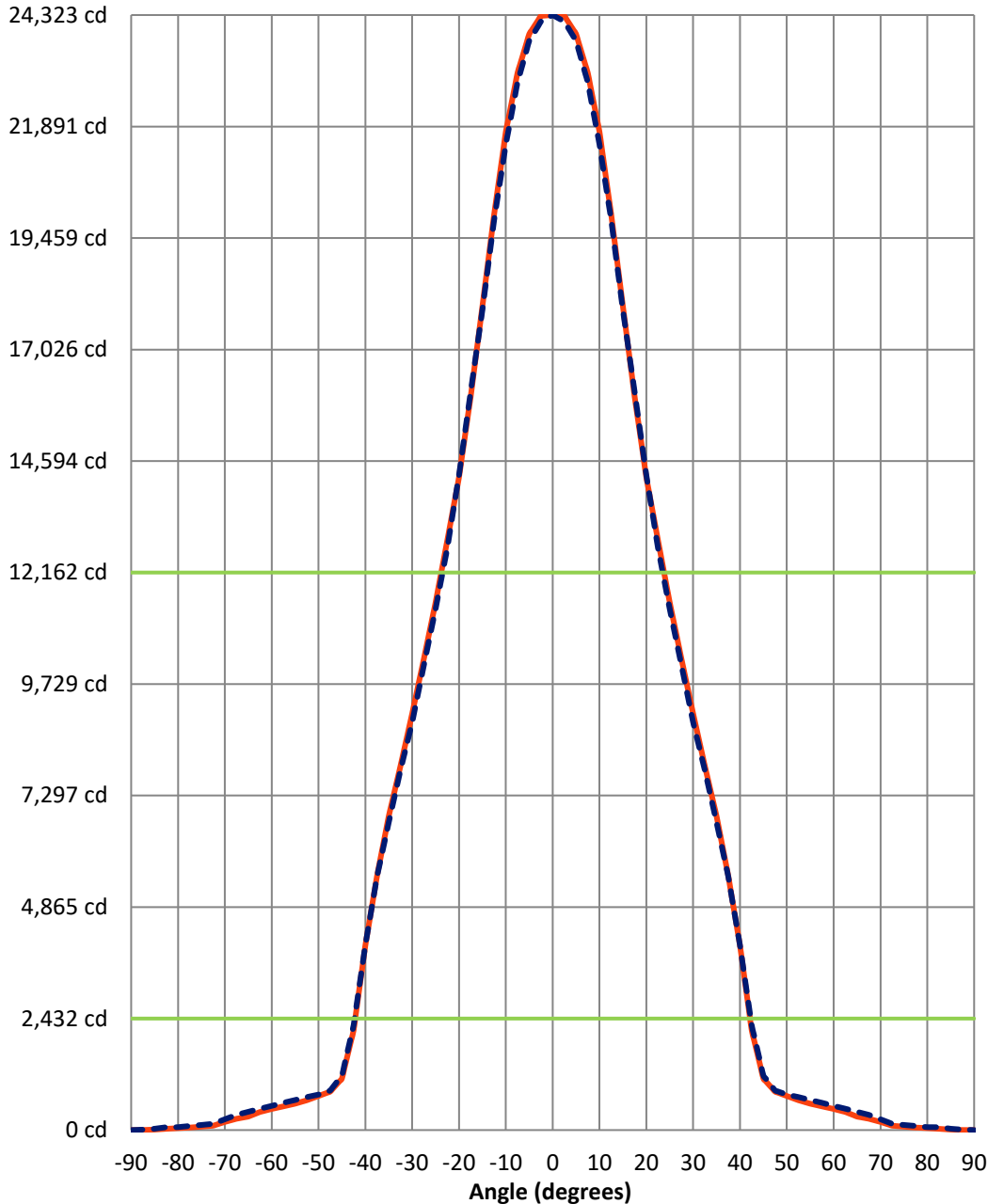
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 47°
V Angle: 47.6°
Lumens: 8934.5
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 17192.4
Efficiency: 90.8%

Spill:
Lumens: 1742
Efficiency: 9.2%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.8	1.3	1.9	2.6	3.3	3.7	4.1	4.4	4.6
85°	0.0	0.8	1.6	2.6	3.8	5.1	6.6	7.4	8.1	8.8	9.3
82.5°	0.0	1.2	2.4	3.9	5.7	7.7	9.9	11.1	12.6	15.0	16.9
80°	0.0	1.6	3.2	5.2	7.5	10.2	13.7	18.1	21.6	24.3	26.2
77.5°	0.0	2.0	3.9	6.4	9.4	13.9	21.4	26.7	30.7	33.7	36.4
75°	0.0	2.4	4.7	7.7	11.6	19.8	29.0	35.4	40.1	45.2	49.0
72.5°	0.0	2.7	5.5	8.9	15.9	25.6	36.4	44.7	51.8	57.5	61.8
70°	0.0	3.1	6.2	10.4	20.1	31.2	43.9	55.5	63.5	70.0	80.0
67.5°	0.0	3.5	7.0	13.3	24.2	36.6	52.5	66.4	75.3	85.7	98.9
65°	0.0	3.8	7.7	16.0	28.1	42.5	60.8	77.3	87.6	100.8	116.7
62.5°	0.0	4.2	8.4	18.7	31.9	48.7	68.8	87.1	99.4	115.3	133.1
60°	0.0	4.5	9.1	21.2	35.5	54.6	76.3	96.1	110.6	130.1	149.4
57.5°	0.0	4.9	10.7	23.7	39.7	60.1	81.5	104.0	123.1	144.5	163.5
55°	0.0	5.2	12.3	26.0	43.6	65.4	85.8	109.8	135.8	158.2	176.6
52.5°	0.0	5.5	13.8	28.2	47.4	69.9	89.5	117.7	148.2	169.8	189.4
50°	0.0	5.8	15.2	30.3	50.8	72.1	92.5	125.1	159.7	181.2	203.5
47.5°	0.0	6.1	16.6	32.3	54.0	73.9	95.4	131.5	169.6	192.3	217.4
45°	0.0	6.4	17.9	34.5	56.9	75.2	100.0	137.1	174.6	204.2	230.7
42.5°	0.0	6.7	19.2	36.5	59.6	76.1	103.9	141.0	178.5	215.6	244.3
40°	0.0	7.0	20.4	38.6	61.0	76.6	107.1	143.6	182.0	225.7	257.5
37.5°	0.0	7.2	21.5	40.7	61.2	76.5	109.6	145.4	185.7	230.7	270.1
35°	0.0	7.5	22.6	42.9	61.1	77.5	111.4	146.4	188.8	238.1	282.2
32.5°	0.0	7.7	23.6	44.9	60.7	78.7	112.3	146.6	191.3	247.0	293.2
30°	0.0	7.9	24.5	46.9	60.1	79.4	112.2	146.6	193.2	257.5	304.1
27.5°	0.0	8.1	25.3	48.8	60.7	79.7	111.5	147.6	197.0	269.2	314.7
25°	0.0	8.2	26.0	50.6	61.4	79.4	110.3	148.0	204.9	279.1	325.2
22.5°	0.0	8.4	26.7	52.3	62.0	79.6	108.5	147.8	213.2	287.1	338.0
20°	0.0	8.6	27.3	54.0	62.5	81.7	106.2	147.0	221.6	294.7	349.7
17.5°	0.0	8.7	27.8	55.5	62.9	83.5	106.4	145.6	229.9	301.7	360.1
15°	0.0	8.8	28.3	56.9	63.3	85.1	108.0	145.2	237.9	308.1	369.2
12.5°	0.0	8.9	28.6	58.1	63.5	86.4	109.2	145.8	243.4	313.8	377.1
10°	0.0	9.0	28.9	59.2	63.7	87.5	110.2	145.5	245.7	318.5	383.8
7.5°	0.0	9.0	29.1	60.2	63.8	88.4	110.9	144.3	245.9	323.0	389.4
5°	0.0	9.1	29.2	61.0	63.9	89.0	111.4	142.4	244.2	327.1	393.7
2.5°	0.0	9.1	29.2	61.6	63.9	89.4	111.5	140.0	240.8	330.4	396.6
0°	0.0	9.1	29.2	62.1	63.9	89.5	111.4	137.0	235.6	332.3	398.1
-2.5°	0.0	9.1	29.2	61.6	63.9	89.4	111.5	140.0	240.8	330.4	396.6
-5°	0.0	9.1	29.2	61.0	63.9	89.0	111.4	142.4	244.2	327.1	393.7
-7.5°	0.0	9.0	29.1	60.2	63.8	88.4	110.9	144.3	245.9	323.0	389.4
-10°	0.0	9.0	28.9	59.2	63.7	87.5	110.2	145.5	245.7	318.5	383.8
-12.5°	0.0	8.9	28.6	58.1	63.5	86.4	109.2	145.8	243.4	313.8	377.1
-15°	0.0	8.8	28.3	56.9	63.3	85.1	108.0	145.2	237.9	308.1	369.2
-17.5°	0.0	8.7	27.8	55.5	62.9	83.5	106.4	145.6	229.9	301.7	360.1
-20°	0.0	8.6	27.3	54.0	62.5	81.7	106.2	147.0	221.6	294.7	349.7



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.4	26.7	52.3	62.0	79.6	108.5	147.8	213.2	287.1	338.0
-25°	0.0	8.2	26.0	50.6	61.4	79.4	110.3	148.0	204.9	279.1	325.2
-27.5°	0.0	8.1	25.3	48.8	60.7	79.7	111.5	147.6	197.0	269.2	314.7
-30°	0.0	7.9	24.5	46.9	60.1	79.4	112.2	146.6	193.2	257.5	304.1
-32.5°	0.0	7.7	23.6	44.9	60.7	78.7	112.3	146.6	191.3	247.0	293.2
-35°	0.0	7.5	22.6	42.9	61.1	77.5	111.4	146.4	188.8	238.1	282.2
-37.5°	0.0	7.2	21.5	40.7	61.2	76.5	109.6	145.4	185.7	230.7	270.1
-40°	0.0	7.0	20.4	38.6	61.0	76.6	107.1	143.6	182.0	225.7	257.5
-42.5°	0.0	6.7	19.2	36.5	59.6	76.1	103.9	141.0	178.5	215.6	244.3
-45°	0.0	6.4	17.9	34.5	56.9	75.2	100.0	137.1	174.6	204.2	230.7
-47.5°	0.0	6.1	16.6	32.3	54.0	73.9	95.4	131.5	169.6	192.3	217.4
-50°	0.0	5.8	15.2	30.3	50.8	72.1	92.5	125.1	159.7	181.2	203.5
-52.5°	0.0	5.5	13.8	28.2	47.4	69.9	89.5	117.7	148.2	169.8	189.4
-55°	0.0	5.2	12.3	26.0	43.6	65.4	85.8	109.8	135.8	158.2	176.6
-57.5°	0.0	4.9	10.7	23.7	39.7	60.1	81.5	104.0	123.1	144.5	163.5
-60°	0.0	4.5	9.1	21.2	35.5	54.6	76.3	96.1	110.6	130.1	149.4
-62.5°	0.0	4.2	8.4	18.7	31.9	48.7	68.8	87.1	99.4	115.3	133.1
-65°	0.0	3.8	7.7	16.0	28.1	42.5	60.8	77.3	87.6	100.8	116.7
-67.5°	0.0	3.5	7.0	13.3	24.2	36.6	52.5	66.4	75.3	85.7	98.9
-70°	0.0	3.1	6.2	10.4	20.1	31.2	43.9	55.5	63.5	70.0	80.0
-72.5°	0.0	2.7	5.5	8.9	15.9	25.6	36.4	44.7	51.8	57.5	61.8
-75°	0.0	2.4	4.7	7.7	11.6	19.8	29.0	35.4	40.1	45.2	49.0
-77.5°	0.0	2.0	3.9	6.4	9.4	13.9	21.4	26.7	30.7	33.7	36.4
-80°	0.0	1.6	3.2	5.2	7.5	10.2	13.7	18.1	21.6	24.3	26.2
-82.5°	0.0	1.2	2.4	3.9	5.7	7.7	9.9	11.1	12.6	15.0	16.9
-85°	0.0	0.8	1.6	2.6	3.8	5.1	6.6	7.4	8.1	8.8	9.3
-87.5°	0.0	0.4	0.8	1.3	1.9	2.6	3.3	3.7	4.1	4.4	4.6
-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: P559141 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-MWR-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°	4.7	4.6	4.4	4.2	3.9	3.5	3.1	2.6	2.7	2.8	2.9
85°	9.3	9.2	9.9	10.5	10.8	10.8	10.4	9.8	11.2	12.9	14.6
82.5°	18.5	20.1	21.6	23.1	23.1	22.6	21.8	21.0	24.1	28.1	32.3
80°	28.6	31.0	34.6	38.2	39.2	38.9	37.7	35.6	40.1	46.6	53.9
77.5°	40.9	45.8	50.8	55.8	57.1	56.1	53.6	49.9	55.5	66.0	77.7
75°	54.3	60.6	68.5	74.7	76.0	73.8	70.2	66.9	73.8	86.8	99.3
72.5°	70.9	81.1	89.0	94.5	94.8	92.9	91.1	89.4	97.1	112.5	125.3
70°	92.1	102.4	108.5	111.8	112.6	113.8	119.0	123.9	131.5	144.7	155.2
67.5°	113.1	121.2	126.7	130.7	138.6	146.0	153.2	160.6	169.1	180.3	188.3
65°	131.8	140.2	147.4	156.9	168.3	177.4	187.0	197.4	209.1	219.6	227.3
62.5°	150.3	159.3	169.4	182.0	195.3	207.4	221.6	236.0	249.9	261.8	274.9
60°	165.5	177.5	191.1	206.2	222.2	240.7	257.7	274.3	289.6	304.6	323.0
57.5°	179.9	196.2	212.9	231.0	252.0	274.5	294.4	312.6	331.8	353.4	371.5
55°	195.1	215.6	234.8	256.6	281.6	308.7	330.5	351.1	374.7	400.7	421.0
52.5°	211.5	234.1	256.6	282.8	313.0	340.0	362.8	388.5	417.2	445.4	468.9
50°	227.4	252.4	278.4	311.8	341.8	367.5	395.8	426.8	456.7	485.7	513.4
47.5°	243.4	270.1	304.8	338.8	366.9	397.1	430.1	462.0	493.4	523.6	552.7
45°	259.1	290.8	329.3	361.6	392.9	427.5	461.6	495.0	528.0	560.2	592.0
42.5°	274.3	311.1	349.9	383.7	419.6	455.8	491.5	526.8	561.7	596.2	630.0
40°	290.8	329.6	370.4	407.3	444.8	482.5	520.1	557.4	594.3	630.7	666.6
37.5°	306.1	348.8	391.3	429.9	468.5	508.0	547.3	586.9	625.7	663.7	704.7
35°	319.7	368.2	411.1	451.6	492.0	532.1	573.7	615.3	656.2	697.5	749.7
32.5°	335.0	387.7	429.7	472.4	514.3	555.6	598.9	642.9	686.4	734.6	809.6
30°	352.3	404.0	447.4	492.3	535.2	578.6	623.3	669.3	715.1	790.0	963.3
27.5°	369.1	419.0	464.6	510.6	554.8	599.9	646.7	694.3	758.1	873.3	1154.4
25°	384.7	433.4	480.8	527.4	573.0	619.7	668.1	717.6	804.2	1036.9	1657.9
22.5°	397.8	447.2	496.6	542.7	589.4	637.7	688.0	753.6	887.5	1202.1	2218.0
20°	409.0	460.5	510.9	558.9	604.8	653.7	706.1	788.0	1014.1	1673.6	2889.4
17.5°	419.4	472.5	524.1	574.2	622.5	670.4	724.2	817.7	1128.1	2083.5	3564.4
15°	428.9	483.2	536.4	588.6	638.6	688.5	752.7	901.9	1358.6	2490.3	4165.7
12.5°	437.5	492.7	547.6	602.0	653.0	704.6	778.3	985.7	1641.0	2967.6	4576.1
10°	445.1	500.8	557.6	614.1	665.8	718.8	800.0	1054.4	1873.1	3360.2	4905.9
7.5°	452.1	508.6	566.9	624.9	676.8	730.9	817.7	1108.1	2052.4	3655.9	5169.0
5°	458.0	516.3	577.9	636.6	690.6	744.2	832.9	1146.6	2178.4	3855.1	5360.6
2.5°	462.6	522.7	587.4	647.0	705.9	760.2	850.2	1175.2	2259.7	3982.0	5483.3
0°	465.7	527.7	595.3	655.6	719.5	774.3	863.7	1188.8	2289.9	4028.3	5529.4
-2.5°	462.6	522.7	587.4	647.0	705.9	760.2	850.2	1175.2	2259.7	3982.0	5483.3
-5°	458.0	516.3	577.9	636.6	690.6	744.2	832.9	1146.6	2178.4	3855.1	5360.6
-7.5°	452.1	508.6	566.9	624.9	676.8	730.9	817.7	1108.1	2052.4	3655.9	5169.0
-10°	445.1	500.8	557.6	614.1	665.8	718.8	800.0	1054.4	1873.1	3360.2	4905.9
-12.5°	437.5	492.7	547.6	602.0	653.0	704.6	778.3	985.7	1641.0	2967.6	4576.1
-15°	428.9	483.2	536.4	588.6	638.6	688.5	752.7	901.9	1358.6	2490.3	4165.7
-17.5°	419.4	472.5	524.1	574.2	622.5	670.4	724.2	817.7	1128.1	2083.5	3564.4
-20°	409.0	460.5	510.9	558.9	604.8	653.7	706.1	788.0	1014.1	1673.6	2889.4



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 CATALOG NUMBER: GFLD-SA6B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	397.8	447.2	496.6	542.7	589.4	637.7	688.0	753.6	887.5	1202.1	2218.0
-25°	384.7	433.4	480.8	527.4	573.0	619.7	668.1	717.6	804.2	1036.9	1657.9
-27.5°	369.1	419.0	464.6	510.6	554.8	599.9	646.7	694.3	758.1	873.3	1154.4
-30°	352.3	404.0	447.4	492.3	535.2	578.6	623.3	669.3	715.1	790.0	963.3
-32.5°	335.0	387.7	429.7	472.4	514.3	555.6	598.9	642.9	686.4	734.6	809.6
-35°	319.7	368.2	411.1	451.6	492.0	532.1	573.7	615.3	656.2	697.5	749.7
-37.5°	306.1	348.8	391.3	429.9	468.5	508.0	547.3	586.9	625.7	663.7	704.7
-40°	290.8	329.6	370.4	407.3	444.8	482.5	520.1	557.4	594.3	630.7	666.6
-42.5°	274.3	311.1	349.9	383.7	419.6	455.8	491.5	526.8	561.7	596.2	630.0
-45°	259.1	290.8	329.3	361.6	392.9	427.5	461.6	495.0	528.0	560.2	592.0
-47.5°	243.4	270.1	304.8	338.8	366.9	397.1	430.1	462.0	493.4	523.6	552.7
-50°	227.4	252.4	278.4	311.8	341.8	367.5	395.8	426.8	456.7	485.7	513.4
-52.5°	211.5	234.1	256.6	282.8	313.0	340.0	362.8	388.5	417.2	445.4	468.9
-55°	195.1	215.6	234.8	256.6	281.6	308.7	330.5	351.1	374.7	400.7	421.0
-57.5°	179.9	196.2	212.9	231.0	252.0	274.5	294.4	312.6	331.8	353.4	371.5
-60°	165.5	177.5	191.1	206.2	222.2	240.7	257.7	274.3	289.6	304.6	323.0
-62.5°	150.3	159.3	169.4	182.0	195.3	207.4	221.6	236.0	249.9	261.8	274.9
-65°	131.8	140.2	147.4	156.9	168.3	177.4	187.0	197.4	209.1	219.6	227.3
-67.5°	113.1	121.2	126.7	130.7	138.6	146.0	153.2	160.6	169.1	180.3	188.3
-70°	92.1	102.4	108.5	111.8	112.6	113.8	119.0	123.9	131.5	144.7	155.2
-72.5°	70.9	81.1	89.0	94.5	94.8	92.9	91.1	89.4	97.1	112.5	125.3
-75°	54.3	60.6	68.5	74.7	76.0	73.8	70.2	66.9	73.8	86.8	99.3
-77.5°	40.9	45.8	50.8	55.8	57.1	56.1	53.6	49.9	55.5	66.0	77.7
-80°	28.6	31.0	34.6	38.2	39.2	38.9	37.7	35.6	40.1	46.6	53.9
-82.5°	18.5	20.1	21.6	23.1	23.1	22.6	21.8	21.0	24.1	28.1	32.3
-85°	9.3	9.2	9.9	10.5	10.8	10.8	10.4	9.8	11.2	12.9	14.6
-87.5°	4.7	4.6	4.4	4.2	3.9	3.5	3.1	2.6	2.7	2.8	2.9
-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: P559141 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.2	2.7
85°	16.4	15.9	15.1	14.0	12.6	13.3	14.1	14.8	15.5	14.5	13.4
82.5°	36.8	37.3	37.3	37.2	37.1	38.7	40.2	41.5	42.7	39.4	35.7
80°	62.1	65.1	66.8	68.3	69.7	69.7	68.8	67.2	64.9	59.4	53.2
77.5°	89.7	94.4	96.7	99.0	101.4	102.2	102.8	103.4	104.1	94.4	82.1
75°	111.3	118.2	122.2	125.9	129.4	131.3	132.4	133.1	133.4	121.8	106.8
72.5°	135.7	142.5	147.3	151.9	156.2	159.0	160.6	161.9	162.7	152.6	138.2
70°	162.7	168.0	173.7	179.4	184.7	188.3	190.7	192.6	194.0	193.1	192.3
67.5°	194.5	199.2	206.2	211.7	217.2	221.2	225.3	228.5	230.9	233.6	236.7
65°	234.5	245.8	256.0	261.2	262.0	267.6	276.9	282.9	285.9	288.3	291.3
62.5°	290.1	303.8	311.1	319.8	331.1	341.6	345.6	351.0	357.5	365.3	374.2
60°	337.8	349.1	360.8	372.9	383.2	391.9	401.3	410.6	419.1	426.9	434.5
57.5°	386.5	398.9	410.8	425.0	434.8	440.6	449.8	461.0	469.6	476.4	486.6
55°	437.1	453.1	469.2	482.0	491.3	497.5	504.4	515.2	521.5	524.0	535.8
52.5°	487.8	506.8	526.7	541.7	551.6	560.8	569.3	578.7	585.2	588.4	599.9
50°	534.9	557.4	579.7	599.2	612.3	627.6	645.0	653.5	659.0	665.1	678.1
47.5°	579.6	604.9	628.7	650.7	669.7	686.9	701.8	716.1	737.3	754.1	770.7
45°	622.7	649.6	675.4	700.1	721.3	754.9	786.9	814.2	887.0	948.3	995.0
42.5°	663.2	695.7	724.7	765.9	810.7	888.3	1008.2	1119.3	1334.3	1611.1	1842.2
40°	705.4	747.5	799.6	879.7	1031.3	1187.2	1653.3	2068.5	2476.9	2941.4	3339.5
37.5°	754.7	818.2	970.8	1151.8	1638.0	2175.8	2836.2	3484.5	4048.9	4531.9	4935.2
35°	820.0	1016.1	1301.2	1961.0	2679.3	3561.0	4322.1	4931.8	5489.5	5937.0	6273.9
32.5°	1012.4	1371.2	2124.4	3031.9	4019.8	4871.6	5613.0	6196.8	6705.5	7106.6	7418.9
30°	1294.1	2118.9	3141.8	4228.6	5212.6	6025.9	6710.9	7267.4	7721.5	8129.6	8472.3
27.5°	1963.5	3024.9	4227.2	5335.7	6230.7	6992.2	7606.6	8157.8	8658.5	9088.2	9493.4
25°	2696.1	4010.0	5222.6	6231.5	7066.8	7781.2	8429.3	9032.2	9592.7	10095.7	10567.0
22.5°	3575.9	4886.2	6045.1	6978.9	7788.3	8522.2	9210.6	9881.6	10534.0	11147.8	11718.0
20°	4372.4	5658.4	6669.0	7601.6	8442.5	9207.2	9965.9	10747.9	11500.9	12240.3	12926.8
17.5°	4993.2	6189.5	7204.1	8149.4	9005.3	9871.3	10739.6	11637.8	12546.0	13404.6	14225.9
15°	5511.4	6632.5	7660.7	8605.9	9547.0	10502.5	11472.5	12530.7	13610.9	14638.7	15685.5
12.5°	5878.9	7002.2	8044.6	8992.9	10048.1	11085.3	12214.5	13420.5	14668.1	15865.2	17151.0
10°	6174.3	7297.1	8330.7	9353.3	10470.0	11620.1	12886.6	14214.9	15703.6	17121.1	18506.5
7.5°	6427.7	7543.2	8560.7	9647.2	10821.0	12085.1	13462.5	14964.3	16575.4	18152.7	19801.9
5°	6613.1	7710.9	8739.3	9888.1	11090.9	12424.9	13906.8	15511.5	17239.3	18967.6	20598.4
2.5°	6711.3	7806.5	8850.4	10037.5	11249.2	12630.7	14174.1	15875.0	17700.0	19585.8	21193.8
0°	6709.0	7846.7	8893.0	10138.4	11365.5	12693.1	14289.1	16107.9	17888.3	19847.7	21498.5
-2.5°	6711.3	7806.5	8850.4	10037.5	11249.2	12630.7	14174.1	15875.0	17700.0	19585.8	21193.8
-5°	6613.1	7710.9	8739.3	9888.1	11090.9	12424.9	13906.8	15511.5	17239.3	18967.6	20598.4
-7.5°	6427.7	7543.2	8560.7	9647.2	10821.0	12085.1	13462.5	14964.3	16575.4	18152.7	19801.9
-10°	6174.3	7297.1	8330.7	9353.3	10470.0	11620.1	12886.6	14214.9	15703.6	17121.1	18506.5
-12.5°	5878.9	7002.2	8044.6	8992.9	10048.1	11085.3	12214.5	13420.5	14668.1	15865.2	17151.0
-15°	5511.4	6632.5	7660.7	8605.9	9547.0	10502.5	11472.5	12530.7	13610.9	14638.7	15685.5
-17.5°	4993.2	6189.5	7204.1	8149.4	9005.3	9871.3	10739.6	11637.8	12546.0	13404.6	14225.9
-20°	4372.4	5658.4	6669.0	7601.6	8442.5	9207.2	9965.9	10747.9	11500.9	12240.3	12926.8



REPORT NUMBER: P559141 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3575.9	4886.2	6045.1	6978.9	7788.3	8522.2	9210.6	9881.6	10534.0	11147.8	11718.0
-25°	2696.1	4010.0	5222.6	6231.5	7066.8	7781.2	8429.3	9032.2	9592.7	10095.7	10567.0
-27.5°	1963.5	3024.9	4227.2	5335.7	6230.7	6992.2	7606.6	8157.8	8658.5	9088.2	9493.4
-30°	1294.1	2118.9	3141.8	4228.6	5212.6	6025.9	6710.9	7267.4	7721.5	8129.6	8472.3
-32.5°	1012.4	1371.2	2124.4	3031.9	4019.8	4871.6	5613.0	6196.8	6705.5	7106.6	7418.9
-35°	820.0	1016.1	1301.2	1961.0	2679.3	3561.0	4322.1	4931.8	5489.5	5937.0	6273.9
-37.5°	754.7	818.2	970.8	1151.8	1638.0	2175.8	2836.2	3484.5	4048.9	4531.9	4935.2
-40°	705.4	747.5	799.6	879.7	1031.3	1187.2	1653.3	2068.5	2476.9	2941.4	3339.5
-42.5°	663.2	695.7	724.7	765.9	810.7	888.3	1008.2	1119.3	1334.3	1611.1	1842.2
-45°	622.7	649.6	675.4	700.1	721.3	754.9	786.9	814.2	887.0	948.3	995.0
-47.5°	579.6	604.9	628.7	650.7	669.7	686.9	701.8	716.1	737.3	754.1	770.7
-50°	534.9	557.4	579.7	599.2	612.3	627.6	645.0	653.5	659.0	665.1	678.1
-52.5°	487.8	506.8	526.7	541.7	551.6	560.8	569.3	578.7	585.2	588.4	599.9
-55°	437.1	453.1	469.2	482.0	491.3	497.5	504.4	515.2	521.5	524.0	535.8
-57.5°	386.5	398.9	410.8	425.0	434.8	440.6	449.8	461.0	469.6	476.4	486.6
-60°	337.8	349.1	360.8	372.9	383.2	391.9	401.3	410.6	419.1	426.9	434.5
-62.5°	290.1	303.8	311.1	319.8	331.1	341.6	345.6	351.0	357.5	365.3	374.2
-65°	234.5	245.8	256.0	261.2	262.0	267.6	276.9	282.9	285.9	288.3	291.3
-67.5°	194.5	199.2	206.2	211.7	217.2	221.2	225.3	228.5	230.9	233.6	236.7
-70°	162.7	168.0	173.7	179.4	184.7	188.3	190.7	192.6	194.0	193.1	192.3
-72.5°	135.7	142.5	147.3	151.9	156.2	159.0	160.6	161.9	162.7	152.6	138.2
-75°	111.3	118.2	122.2	125.9	129.4	131.3	132.4	133.1	133.4	121.8	106.8
-77.5°	89.7	94.4	96.7	99.0	101.4	102.2	102.8	103.4	104.1	94.4	82.1
-80°	62.1	65.1	66.8	68.3	69.7	69.7	68.8	67.2	64.9	59.4	53.2
-82.5°	36.8	37.3	37.3	37.2	37.1	38.7	40.2	41.5	42.7	39.4	35.7
-85°	16.4	15.9	15.1	14.0	12.6	13.3	14.1	14.8	15.5	14.5	13.4
-87.5°	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.2	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559141 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.5
85°	12.2	10.9	11.0	11.0	11.0	10.9	12.2	13.4	14.5	15.5	14.8
82.5°	31.6	27.3	27.4	27.4	27.4	27.3	31.6	35.7	39.4	42.7	41.5
80°	46.8	40.2	41.0	42.0	41.0	40.2	46.8	53.2	59.4	64.9	67.2
77.5°	69.0	55.2	54.7	54.8	54.7	55.2	69.0	82.1	94.4	104.1	103.4
75°	91.4	75.5	74.8	74.9	74.8	75.5	91.4	106.8	121.8	133.4	133.1
72.5°	123.5	108.3	101.5	95.0	101.5	108.3	123.5	138.2	152.6	162.7	161.9
70°	192.5	192.9	186.2	177.1	186.2	192.9	192.5	192.3	193.1	194.0	192.6
67.5°	239.2	241.2	244.0	246.5	244.0	241.2	239.2	236.7	233.6	230.9	228.5
65°	292.6	292.5	293.5	294.0	293.5	292.5	292.6	291.3	288.3	285.9	282.9
62.5°	381.8	387.9	392.3	394.4	392.3	387.9	381.8	374.2	365.3	357.5	351.0
60°	440.9	445.9	453.1	460.2	453.1	445.9	440.9	434.5	426.9	419.1	410.6
57.5°	496.1	504.7	511.7	516.8	511.7	504.7	496.1	486.6	476.4	469.6	461.0
55°	547.1	557.0	566.5	575.2	566.5	557.0	547.1	535.8	524.0	521.5	515.2
52.5°	611.1	619.3	632.9	650.1	632.9	619.3	611.1	599.9	588.4	585.2	578.7
50°	693.0	705.3	722.5	743.2	722.5	705.3	693.0	678.1	665.1	659.0	653.5
47.5°	787.5	800.0	816.5	838.2	816.5	800.0	787.5	770.7	754.1	737.3	716.1
45°	1037.8	1067.0	1093.7	1123.0	1093.7	1067.0	1037.8	995.0	948.3	887.0	814.2
42.5°	2027.5	2155.6	2210.9	2178.5	2210.9	2155.6	2027.5	1842.2	1611.1	1334.3	1119.3
40°	3642.9	3855.8	3981.1	4024.7	3981.1	3855.8	3642.9	3339.5	2941.4	2476.9	2068.5
37.5°	5229.8	5425.7	5531.5	5544.0	5531.5	5425.7	5229.8	4935.2	4531.9	4048.9	3484.5
35°	6517.1	6678.5	6774.1	6846.0	6774.1	6678.5	6517.1	6273.9	5937.0	5489.5	4931.8
32.5°	7673.1	7857.1	7963.4	7939.8	7963.4	7857.1	7673.1	7418.9	7106.6	6705.5	6196.8
30°	8753.1	8954.3	9079.3	9082.9	9079.3	8954.3	8753.1	8472.3	8129.6	7721.5	7267.4
27.5°	9820.8	10046.7	10177.0	10279.0	10177.0	10046.7	9820.8	9493.4	9088.2	8658.5	8157.8
25°	10959.9	11241.4	11408.6	11509.8	11408.6	11241.4	10959.9	10567.0	10095.7	9592.7	9032.2
22.5°	12188.0	12536.8	12765.9	12861.1	12765.9	12536.8	12188.0	11718.0	11147.8	10534.0	9881.6
20°	13523.9	13956.0	14248.6	14239.8	14248.6	13956.0	13523.9	12926.8	12240.3	11500.9	10747.9
17.5°	15014.5	15572.0	15949.2	16003.8	15949.2	15572.0	15014.5	14225.9	13404.6	12546.0	11637.8
15°	16612.6	17331.3	17819.2	17970.5	17819.2	17331.3	16612.6	15685.5	14638.7	13610.9	12530.7
12.5°	18250.2	19105.1	19755.5	19971.8	19755.5	19105.1	18250.2	17151.0	15865.2	14668.1	13420.5
10°	19810.6	20757.4	21463.5	21776.0	21463.5	20757.4	19810.6	18506.5	17121.1	15703.6	14214.9
7.5°	21114.9	22077.0	22804.3	23061.6	22804.3	22077.0	21114.9	19801.9	18152.7	16575.4	14964.3
5°	21974.3	23025.3	23590.9	23908.9	23590.9	23025.3	21974.3	20598.4	18967.6	17239.3	15511.5
2.5°	22548.4	23439.7	24012.5	24305.1	24012.5	23439.7	22548.4	21193.8	19585.8	17700.0	15875.0
0°	22853.4	23761.0	24181.0	24323.4	24181.0	23761.0	22853.4	21498.5	19847.7	17888.3	16107.9
-2.5°	22548.4	23439.7	24012.5	24305.1	24012.5	23439.7	22548.4	21193.8	19585.8	17700.0	15875.0
-5°	21974.3	23025.3	23590.9	23908.9	23590.9	23025.3	21974.3	20598.4	18967.6	17239.3	15511.5
-7.5°	21114.9	22077.0	22804.3	23061.6	22804.3	22077.0	21114.9	19801.9	18152.7	16575.4	14964.3
-10°	19810.6	20757.4	21463.5	21776.0	21463.5	20757.4	19810.6	18506.5	17121.1	15703.6	14214.9
-12.5°	18250.2	19105.1	19755.5	19971.8	19755.5	19105.1	18250.2	17151.0	15865.2	14668.1	13420.5
-15°	16612.6	17331.3	17819.2	17970.5	17819.2	17331.3	16612.6	15685.5	14638.7	13610.9	12530.7
-17.5°	15014.5	15572.0	15949.2	16003.8	15949.2	15572.0	15014.5	14225.9	13404.6	12546.0	11637.8
-20°	13523.9	13956.0	14248.6	14239.8	14248.6	13956.0	13523.9	12926.8	12240.3	11500.9	10747.9



REPORT NUMBER: P559141 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12188.0	12536.8	12765.9	12861.1	12765.9	12536.8	12188.0	11718.0	11147.8	10534.0	9881.6
-25°	10959.9	11241.4	11408.6	11509.8	11408.6	11241.4	10959.9	10567.0	10095.7	9592.7	9032.2
-27.5°	9820.8	10046.7	10177.0	10279.0	10177.0	10046.7	9820.8	9493.4	9088.2	8658.5	8157.8
-30°	8753.1	8954.3	9079.3	9082.9	9079.3	8954.3	8753.1	8472.3	8129.6	7721.5	7267.4
-32.5°	7673.1	7857.1	7963.4	7939.8	7963.4	7857.1	7673.1	7418.9	7106.6	6705.5	6196.8
-35°	6517.1	6678.5	6774.1	6846.0	6774.1	6678.5	6517.1	6273.9	5937.0	5489.5	4931.8
-37.5°	5229.8	5425.7	5531.5	5544.0	5531.5	5425.7	5229.8	4935.2	4531.9	4048.9	3484.5
-40°	3642.9	3855.8	3981.1	4024.7	3981.1	3855.8	3642.9	3339.5	2941.4	2476.9	2068.5
-42.5°	2027.5	2155.6	2210.9	2178.5	2210.9	2155.6	2027.5	1842.2	1611.1	1334.3	1119.3
-45°	1037.8	1067.0	1093.7	1123.0	1093.7	1067.0	1037.8	995.0	948.3	887.0	814.2
-47.5°	787.5	800.0	816.5	838.2	816.5	800.0	787.5	770.7	754.1	737.3	716.1
-50°	693.0	705.3	722.5	743.2	722.5	705.3	693.0	678.1	665.1	659.0	653.5
-52.5°	611.1	619.3	632.9	650.1	632.9	619.3	611.1	599.9	588.4	585.2	578.7
-55°	547.1	557.0	566.5	575.2	566.5	557.0	547.1	535.8	524.0	521.5	515.2
-57.5°	496.1	504.7	511.7	516.8	511.7	504.7	496.1	486.6	476.4	469.6	461.0
-60°	440.9	445.9	453.1	460.2	453.1	445.9	440.9	434.5	426.9	419.1	410.6
-62.5°	381.8	387.9	392.3	394.4	392.3	387.9	381.8	374.2	365.3	357.5	351.0
-65°	292.6	292.5	293.5	294.0	293.5	292.5	292.6	291.3	288.3	285.9	282.9
-67.5°	239.2	241.2	244.0	246.5	244.0	241.2	239.2	236.7	233.6	230.9	228.5
-70°	192.5	192.9	186.2	177.1	186.2	192.9	192.5	192.3	193.1	194.0	192.6
-72.5°	123.5	108.3	101.5	95.0	101.5	108.3	123.5	138.2	152.6	162.7	161.9
-75°	91.4	75.5	74.8	74.9	74.8	75.5	91.4	106.8	121.8	133.4	133.1
-77.5°	69.0	55.2	54.7	54.8	54.7	55.2	69.0	82.1	94.4	104.1	103.4
-80°	46.8	40.2	41.0	42.0	41.0	40.2	46.8	53.2	59.4	64.9	67.2
-82.5°	31.6	27.3	27.4	27.4	27.4	27.3	31.6	35.7	39.4	42.7	41.5
-85°	12.2	10.9	11.0	11.0	11.0	10.9	12.2	13.4	14.5	15.5	14.8
-87.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559141 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
85°	14.1	13.3	12.6	14.0	15.1	15.9	16.4	14.6	12.9	11.2	9.8
82.5°	40.2	38.7	37.1	37.2	37.3	37.3	36.8	32.3	28.1	24.1	21.0
80°	68.8	69.7	69.7	68.3	66.8	65.1	62.1	53.9	46.6	40.1	35.6
77.5°	102.8	102.2	101.4	99.0	96.7	94.4	89.7	77.7	66.0	55.5	49.9
75°	132.4	131.3	129.4	125.9	122.2	118.2	111.3	99.3	86.8	73.8	66.9
72.5°	160.6	159.0	156.2	151.9	147.3	142.5	135.7	125.3	112.5	97.1	89.4
70°	190.7	188.3	184.7	179.4	173.7	168.0	162.7	155.2	144.7	131.5	123.9
67.5°	225.3	221.2	217.2	211.7	206.2	199.2	194.5	188.3	180.3	169.1	160.6
65°	276.9	267.6	262.0	261.2	256.0	245.8	234.5	227.3	219.6	209.1	197.4
62.5°	345.6	341.6	331.1	319.8	311.1	303.8	290.1	274.9	261.8	249.9	236.0
60°	401.3	391.9	383.2	372.9	360.8	349.1	337.8	323.0	304.6	289.6	274.3
57.5°	449.8	440.6	434.8	425.0	410.8	398.9	386.5	371.5	353.4	331.8	312.6
55°	504.4	497.5	491.3	482.0	469.2	453.1	437.1	421.0	400.7	374.7	351.1
52.5°	569.3	560.8	551.6	541.7	526.7	506.8	487.8	468.9	445.4	417.2	388.5
50°	645.0	627.6	612.3	599.2	579.7	557.4	534.9	513.4	485.7	456.7	426.8
47.5°	701.8	686.9	669.7	650.7	628.7	604.9	579.6	552.7	523.6	493.4	462.0
45°	786.9	754.9	721.3	700.1	675.4	649.6	622.7	592.0	560.2	528.0	495.0
42.5°	1008.2	888.3	810.7	765.9	724.7	695.7	663.2	630.0	596.2	561.7	526.8
40°	1653.3	1187.2	1031.3	879.7	799.6	747.5	705.4	666.6	630.7	594.3	557.4
37.5°	2836.2	2175.8	1638.0	1151.8	970.8	818.2	754.7	704.7	663.7	625.7	586.9
35°	4322.1	3561.0	2679.3	1961.0	1301.2	1016.1	820.0	749.7	697.5	656.2	615.3
32.5°	5613.0	4871.6	4019.8	3031.9	2124.4	1371.2	1012.4	809.6	734.6	686.4	642.9
30°	6710.9	6025.9	5212.6	4228.6	3141.8	2118.9	1294.1	963.3	790.0	715.1	669.3
27.5°	7606.6	6992.2	6230.7	5335.7	4227.2	3024.9	1963.5	1154.4	873.3	758.1	694.3
25°	8429.3	7781.2	7066.8	6231.5	5222.6	4010.0	2696.1	1657.9	1036.9	804.2	717.6
22.5°	9210.6	8522.2	7788.3	6978.9	6045.1	4886.2	3575.9	2218.0	1202.1	887.5	753.6
20°	9965.9	9207.2	8442.5	7601.6	6669.0	5658.4	4372.4	2889.4	1673.6	1014.1	788.0
17.5°	10739.6	9871.3	9005.3	8149.4	7204.1	6189.5	4993.2	3564.4	2083.5	1128.1	817.7
15°	11472.5	10502.5	9547.0	8605.9	7660.7	6632.5	5511.4	4165.7	2490.3	1358.6	901.9
12.5°	12214.5	11085.3	10048.1	8992.9	8044.6	7002.2	5878.9	4576.1	2967.6	1641.0	985.7
10°	12886.6	11620.1	10470.0	9353.3	8330.7	7297.1	6174.3	4905.9	3360.2	1873.1	1054.4
7.5°	13462.5	12085.1	10821.0	9647.2	8560.7	7543.2	6427.7	5169.0	3655.9	2052.4	1108.1
5°	13906.8	12424.9	11090.9	9888.1	8739.3	7710.9	6613.1	5360.6	3855.1	2178.4	1146.6
2.5°	14174.1	12630.7	11249.2	10037.5	8850.4	7806.5	6711.3	5483.3	3982.0	2259.7	1175.2
0°	14289.1	12693.1	11365.5	10138.4	8893.0	7846.7	6709.0	5529.4	4028.3	2289.9	1188.8
-2.5°	14174.1	12630.7	11249.2	10037.5	8850.4	7806.5	6711.3	5483.3	3982.0	2259.7	1175.2
-5°	13906.8	12424.9	11090.9	9888.1	8739.3	7710.9	6613.1	5360.6	3855.1	2178.4	1146.6
-7.5°	13462.5	12085.1	10821.0	9647.2	8560.7	7543.2	6427.7	5169.0	3655.9	2052.4	1108.1
-10°	12886.6	11620.1	10470.0	9353.3	8330.7	7297.1	6174.3	4905.9	3360.2	1873.1	1054.4
-12.5°	12214.5	11085.3	10048.1	8992.9	8044.6	7002.2	5878.9	4576.1	2967.6	1641.0	985.7
-15°	11472.5	10502.5	9547.0	8605.9	7660.7	6632.5	5511.4	4165.7	2490.3	1358.6	901.9
-17.5°	10739.6	9871.3	9005.3	8149.4	7204.1	6189.5	4993.2	3564.4	2083.5	1128.1	817.7
-20°	9965.9	9207.2	8442.5	7601.6	6669.0	5658.4	4372.4	2889.4	1673.6	1014.1	788.0



REPORT NUMBER: P559141 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9210.6	8522.2	7788.3	6978.9	6045.1	4886.2	3575.9	2218.0	1202.1	887.5	753.6
-25°	8429.3	7781.2	7066.8	6231.5	5222.6	4010.0	2696.1	1657.9	1036.9	804.2	717.6
-27.5°	7606.6	6992.2	6230.7	5335.7	4227.2	3024.9	1963.5	1154.4	873.3	758.1	694.3
-30°	6710.9	6025.9	5212.6	4228.6	3141.8	2118.9	1294.1	963.3	790.0	715.1	669.3
-32.5°	5613.0	4871.6	4019.8	3031.9	2124.4	1371.2	1012.4	809.6	734.6	686.4	642.9
-35°	4322.1	3561.0	2679.3	1961.0	1301.2	1016.1	820.0	749.7	697.5	656.2	615.3
-37.5°	2836.2	2175.8	1638.0	1151.8	970.8	818.2	754.7	704.7	663.7	625.7	586.9
-40°	1653.3	1187.2	1031.3	879.7	799.6	747.5	705.4	666.6	630.7	594.3	557.4
-42.5°	1008.2	888.3	810.7	765.9	724.7	695.7	663.2	630.0	596.2	561.7	526.8
-45°	786.9	754.9	721.3	700.1	675.4	649.6	622.7	592.0	560.2	528.0	495.0
-47.5°	701.8	686.9	669.7	650.7	628.7	604.9	579.6	552.7	523.6	493.4	462.0
-50°	645.0	627.6	612.3	599.2	579.7	557.4	534.9	513.4	485.7	456.7	426.8
-52.5°	569.3	560.8	551.6	541.7	526.7	506.8	487.8	468.9	445.4	417.2	388.5
-55°	504.4	497.5	491.3	482.0	469.2	453.1	437.1	421.0	400.7	374.7	351.1
-57.5°	449.8	440.6	434.8	425.0	410.8	398.9	386.5	371.5	353.4	331.8	312.6
-60°	401.3	391.9	383.2	372.9	360.8	349.1	337.8	323.0	304.6	289.6	274.3
-62.5°	345.6	341.6	331.1	319.8	311.1	303.8	290.1	274.9	261.8	249.9	236.0
-65°	276.9	267.6	262.0	261.2	256.0	245.8	234.5	227.3	219.6	209.1	197.4
-67.5°	225.3	221.2	217.2	211.7	206.2	199.2	194.5	188.3	180.3	169.1	160.6
-70°	190.7	188.3	184.7	179.4	173.7	168.0	162.7	155.2	144.7	131.5	123.9
-72.5°	160.6	159.0	156.2	151.9	147.3	142.5	135.7	125.3	112.5	97.1	89.4
-75°	132.4	131.3	129.4	125.9	122.2	118.2	111.3	99.3	86.8	73.8	66.9
-77.5°	102.8	102.2	101.4	99.0	96.7	94.4	89.7	77.7	66.0	55.5	49.9
-80°	68.8	69.7	69.7	68.3	66.8	65.1	62.1	53.9	46.6	40.1	35.6
-82.5°	40.2	38.7	37.1	37.2	37.3	37.3	36.8	32.3	28.1	24.1	21.0
-85°	14.1	13.3	12.6	14.0	15.1	15.9	16.4	14.6	12.9	11.2	9.8
-87.5°	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-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: P559141 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.1	3.5	3.9	4.2	4.4	4.6	4.7	4.6	4.4	4.1	3.7
85°	10.4	10.8	10.8	10.5	9.9	9.2	9.3	9.3	8.8	8.1	7.4
82.5°	21.8	22.6	23.1	23.1	21.6	20.1	18.5	16.9	15.0	12.6	11.1
80°	37.7	38.9	39.2	38.2	34.6	31.0	28.6	26.2	24.3	21.6	18.1
77.5°	53.6	56.1	57.1	55.8	50.8	45.8	40.9	36.4	33.7	30.7	26.7
75°	70.2	73.8	76.0	74.7	68.5	60.6	54.3	49.0	45.2	40.1	35.4
72.5°	91.1	92.9	94.8	94.5	89.0	81.1	70.9	61.8	57.5	51.8	44.7
70°	119.0	113.8	112.6	111.8	108.5	102.4	92.1	80.0	70.0	63.5	55.5
67.5°	153.2	146.0	138.6	130.7	126.7	121.2	113.1	98.9	85.7	75.3	66.4
65°	187.0	177.4	168.3	156.9	147.4	140.2	131.8	116.7	100.8	87.6	77.3
62.5°	221.6	207.4	195.3	182.0	169.4	159.3	150.3	133.1	115.3	99.4	87.1
60°	257.7	240.7	222.2	206.2	191.1	177.5	165.5	149.4	130.1	110.6	96.1
57.5°	294.4	274.5	252.0	231.0	212.9	196.2	179.9	163.5	144.5	123.1	104.0
55°	330.5	308.7	281.6	256.6	234.8	215.6	195.1	176.6	158.2	135.8	109.8
52.5°	362.8	340.0	313.0	282.8	256.6	234.1	211.5	189.4	169.8	148.2	117.7
50°	395.8	367.5	341.8	311.8	278.4	252.4	227.4	203.5	181.2	159.7	125.1
47.5°	430.1	397.1	366.9	338.8	304.8	270.1	243.4	217.4	192.3	169.6	131.5
45°	461.6	427.5	392.9	361.6	329.3	290.8	259.1	230.7	204.2	174.6	137.1
42.5°	491.5	455.8	419.6	383.7	349.9	311.1	274.3	244.3	215.6	178.5	141.0
40°	520.1	482.5	444.8	407.3	370.4	329.6	290.8	257.5	225.7	182.0	143.6
37.5°	547.3	508.0	468.5	429.9	391.3	348.8	306.1	270.1	230.7	185.7	145.4
35°	573.7	532.1	492.0	451.6	411.1	368.2	319.7	282.2	238.1	188.8	146.4
32.5°	598.9	555.6	514.3	472.4	429.7	387.7	335.0	293.2	247.0	191.3	146.6
30°	623.3	578.6	535.2	492.3	447.4	404.0	352.3	304.1	257.5	193.2	146.6
27.5°	646.7	599.9	554.8	510.6	464.6	419.0	369.1	314.7	269.2	197.0	147.6
25°	668.1	619.7	573.0	527.4	480.8	433.4	384.7	325.2	279.1	204.9	148.0
22.5°	688.0	637.7	589.4	542.7	496.6	447.2	397.8	338.0	287.1	213.2	147.8
20°	706.1	653.7	604.8	558.9	510.9	460.5	409.0	349.7	294.7	221.6	147.0
17.5°	724.2	670.4	622.5	574.2	524.1	472.5	419.4	360.1	301.7	229.9	145.6
15°	752.7	688.5	638.6	588.6	536.4	483.2	428.9	369.2	308.1	237.9	145.2
12.5°	778.3	704.6	653.0	602.0	547.6	492.7	437.5	377.1	313.8	243.4	145.8
10°	800.0	718.8	665.8	614.1	557.6	500.8	445.1	383.8	318.5	245.7	145.5
7.5°	817.7	730.9	676.8	624.9	566.9	508.6	452.1	389.4	323.0	245.9	144.3
5°	832.9	744.2	690.6	636.6	577.9	516.3	458.0	393.7	327.1	244.2	142.4
2.5°	850.2	760.2	705.9	647.0	587.4	522.7	462.6	396.6	330.4	240.8	140.0
0°	863.7	774.3	719.5	655.6	595.3	527.7	465.7	398.1	332.3	235.6	137.0
-2.5°	850.2	760.2	705.9	647.0	587.4	522.7	462.6	396.6	330.4	240.8	140.0
-5°	832.9	744.2	690.6	636.6	577.9	516.3	458.0	393.7	327.1	244.2	142.4
-7.5°	817.7	730.9	676.8	624.9	566.9	508.6	452.1	389.4	323.0	245.9	144.3
-10°	800.0	718.8	665.8	614.1	557.6	500.8	445.1	383.8	318.5	245.7	145.5
-12.5°	778.3	704.6	653.0	602.0	547.6	492.7	437.5	377.1	313.8	243.4	145.8
-15°	752.7	688.5	638.6	588.6	536.4	483.2	428.9	369.2	308.1	237.9	145.2
-17.5°	724.2	670.4	622.5	574.2	524.1	472.5	419.4	360.1	301.7	229.9	145.6
-20°	706.1	653.7	604.8	558.9	510.9	460.5	409.0	349.7	294.7	221.6	147.0



REPORT NUMBER: P559141 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	688.0	637.7	589.4	542.7	496.6	447.2	397.8	338.0	287.1	213.2	147.8
-25°	668.1	619.7	573.0	527.4	480.8	433.4	384.7	325.2	279.1	204.9	148.0
-27.5°	646.7	599.9	554.8	510.6	464.6	419.0	369.1	314.7	269.2	197.0	147.6
-30°	623.3	578.6	535.2	492.3	447.4	404.0	352.3	304.1	257.5	193.2	146.6
-32.5°	598.9	555.6	514.3	472.4	429.7	387.7	335.0	293.2	247.0	191.3	146.6
-35°	573.7	532.1	492.0	451.6	411.1	368.2	319.7	282.2	238.1	188.8	146.4
-37.5°	547.3	508.0	468.5	429.9	391.3	348.8	306.1	270.1	230.7	185.7	145.4
-40°	520.1	482.5	444.8	407.3	370.4	329.6	290.8	257.5	225.7	182.0	143.6
-42.5°	491.5	455.8	419.6	383.7	349.9	311.1	274.3	244.3	215.6	178.5	141.0
-45°	461.6	427.5	392.9	361.6	329.3	290.8	259.1	230.7	204.2	174.6	137.1
-47.5°	430.1	397.1	366.9	338.8	304.8	270.1	243.4	217.4	192.3	169.6	131.5
-50°	395.8	367.5	341.8	311.8	278.4	252.4	227.4	203.5	181.2	159.7	125.1
-52.5°	362.8	340.0	313.0	282.8	256.6	234.1	211.5	189.4	169.8	148.2	117.7
-55°	330.5	308.7	281.6	256.6	234.8	215.6	195.1	176.6	158.2	135.8	109.8
-57.5°	294.4	274.5	252.0	231.0	212.9	196.2	179.9	163.5	144.5	123.1	104.0
-60°	257.7	240.7	222.2	206.2	191.1	177.5	165.5	149.4	130.1	110.6	96.1
-62.5°	221.6	207.4	195.3	182.0	169.4	159.3	150.3	133.1	115.3	99.4	87.1
-65°	187.0	177.4	168.3	156.9	147.4	140.2	131.8	116.7	100.8	87.6	77.3
-67.5°	153.2	146.0	138.6	130.7	126.7	121.2	113.1	98.9	85.7	75.3	66.4
-70°	119.0	113.8	112.6	111.8	108.5	102.4	92.1	80.0	70.0	63.5	55.5
-72.5°	91.1	92.9	94.8	94.5	89.0	81.1	70.9	61.8	57.5	51.8	44.7
-75°	70.2	73.8	76.0	74.7	68.5	60.6	54.3	49.0	45.2	40.1	35.4
-77.5°	53.6	56.1	57.1	55.8	50.8	45.8	40.9	36.4	33.7	30.7	26.7
-80°	37.7	38.9	39.2	38.2	34.6	31.0	28.6	26.2	24.3	21.6	18.1
-82.5°	21.8	22.6	23.1	23.1	21.6	20.1	18.5	16.9	15.0	12.6	11.1
-85°	10.4	10.8	10.8	10.5	9.9	9.2	9.3	9.3	8.8	8.1	7.4
-87.5°	3.1	3.5	3.9	4.2	4.4	4.6	4.7	4.6	4.4	4.1	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	3.3	2.6	1.9	1.3	0.8	0.4	0.0
85°	6.6	5.1	3.8	2.6	1.6	0.8	0.0
82.5°	9.9	7.7	5.7	3.9	2.4	1.2	0.0
80°	13.7	10.2	7.5	5.2	3.2	1.6	0.0
77.5°	21.4	13.9	9.4	6.4	3.9	2.0	0.0
75°	29.0	19.8	11.6	7.7	4.7	2.4	0.0
72.5°	36.4	25.6	15.9	8.9	5.5	2.7	0.0
70°	43.9	31.2	20.1	10.4	6.2	3.1	0.0
67.5°	52.5	36.6	24.2	13.3	7.0	3.5	0.0
65°	60.8	42.5	28.1	16.0	7.7	3.8	0.0
62.5°	68.8	48.7	31.9	18.7	8.4	4.2	0.0
60°	76.3	54.6	35.5	21.2	9.1	4.5	0.0
57.5°	81.5	60.1	39.7	23.7	10.7	4.9	0.0
55°	85.8	65.4	43.6	26.0	12.3	5.2	0.0
52.5°	89.5	69.9	47.4	28.2	13.8	5.5	0.0
50°	92.5	72.1	50.8	30.3	15.2	5.8	0.0
47.5°	95.4	73.9	54.0	32.3	16.6	6.1	0.0
45°	100.0	75.2	56.9	34.5	17.9	6.4	0.0
42.5°	103.9	76.1	59.6	36.5	19.2	6.7	0.0
40°	107.1	76.6	61.0	38.6	20.4	7.0	0.0
37.5°	109.6	76.5	61.2	40.7	21.5	7.2	0.0
35°	111.4	77.5	61.1	42.9	22.6	7.5	0.0
32.5°	112.3	78.7	60.7	44.9	23.6	7.7	0.0
30°	112.2	79.4	60.1	46.9	24.5	7.9	0.0
27.5°	111.5	79.7	60.7	48.8	25.3	8.1	0.0
25°	110.3	79.4	61.4	50.6	26.0	8.2	0.0
22.5°	108.5	79.6	62.0	52.3	26.7	8.4	0.0
20°	106.2	81.7	62.5	54.0	27.3	8.6	0.0
17.5°	106.4	83.5	62.9	55.5	27.8	8.7	0.0
15°	108.0	85.1	63.3	56.9	28.3	8.8	0.0
12.5°	109.2	86.4	63.5	58.1	28.6	8.9	0.0
10°	110.2	87.5	63.7	59.2	28.9	9.0	0.0
7.5°	110.9	88.4	63.8	60.2	29.1	9.0	0.0
5°	111.4	89.0	63.9	61.0	29.2	9.1	0.0
2.5°	111.5	89.4	63.9	61.6	29.2	9.1	0.0
0°	111.4	89.5	63.9	62.1	29.2	9.1	0.0
-2.5°	111.5	89.4	63.9	61.6	29.2	9.1	0.0
-5°	111.4	89.0	63.9	61.0	29.2	9.1	0.0
-7.5°	110.9	88.4	63.8	60.2	29.1	9.0	0.0
-10°	110.2	87.5	63.7	59.2	28.9	9.0	0.0
-12.5°	109.2	86.4	63.5	58.1	28.6	8.9	0.0
-15°	108.0	85.1	63.3	56.9	28.3	8.8	0.0
-17.5°	106.4	83.5	62.9	55.5	27.8	8.7	0.0
-20°	106.2	81.7	62.5	54.0	27.3	8.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	108.5	79.6	62.0	52.3	26.7	8.4	0.0
-25°	110.3	79.4	61.4	50.6	26.0	8.2	0.0
-27.5°	111.5	79.7	60.7	48.8	25.3	8.1	0.0
-30°	112.2	79.4	60.1	46.9	24.5	7.9	0.0
-32.5°	112.3	78.7	60.7	44.9	23.6	7.7	0.0
-35°	111.4	77.5	61.1	42.9	22.6	7.5	0.0
-37.5°	109.6	76.5	61.2	40.7	21.5	7.2	0.0
-40°	107.1	76.6	61.0	38.6	20.4	7.0	0.0
-42.5°	103.9	76.1	59.6	36.5	19.2	6.7	0.0
-45°	100.0	75.2	56.9	34.5	17.9	6.4	0.0
-47.5°	95.4	73.9	54.0	32.3	16.6	6.1	0.0
-50°	92.5	72.1	50.8	30.3	15.2	5.8	0.0
-52.5°	89.5	69.9	47.4	28.2	13.8	5.5	0.0
-55°	85.8	65.4	43.6	26.0	12.3	5.2	0.0
-57.5°	81.5	60.1	39.7	23.7	10.7	4.9	0.0
-60°	76.3	54.6	35.5	21.2	9.1	4.5	0.0
-62.5°	68.8	48.7	31.9	18.7	8.4	4.2	0.0
-65°	60.8	42.5	28.1	16.0	7.7	3.8	0.0
-67.5°	52.5	36.6	24.2	13.3	7.0	3.5	0.0
-70°	43.9	31.2	20.1	10.4	6.2	3.1	0.0
-72.5°	36.4	25.6	15.9	8.9	5.5	2.7	0.0
-75°	29.0	19.8	11.6	7.7	4.7	2.4	0.0
-77.5°	21.4	13.9	9.4	6.4	3.9	2.0	0.0
-80°	13.7	10.2	7.5	5.2	3.2	1.6	0.0
-82.5°	9.9	7.7	5.7	3.9	2.4	1.2	0.0
-85°	6.6	5.1	3.8	2.6	1.6	0.8	0.0
-87.5°	3.3	2.6	1.9	1.3	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)