

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: P559043 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-927-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559043 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5C-927-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

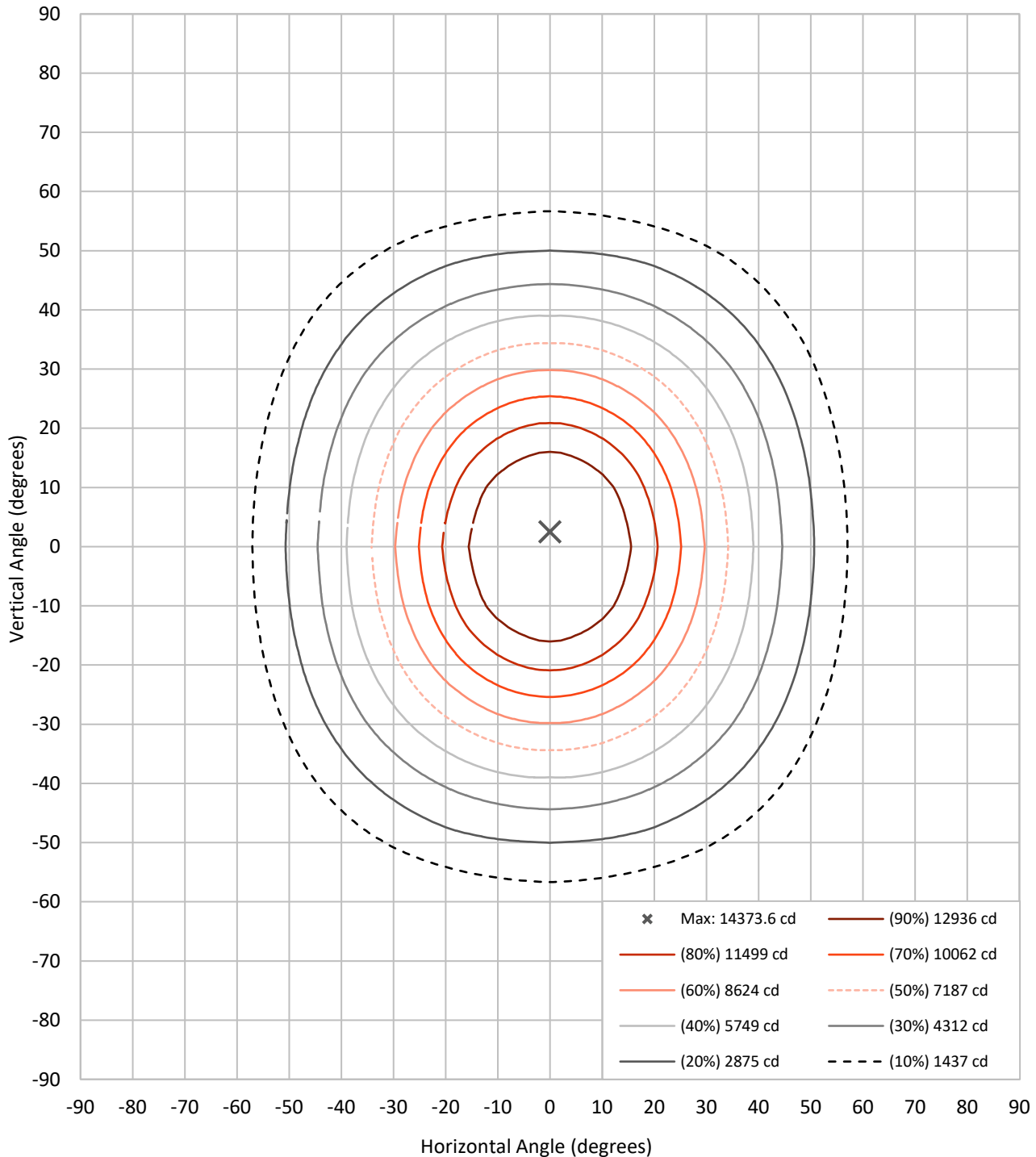
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	19453.3 lumens	Max Intensity:	14373.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	96.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	11663.7 lumens	Field Lumens:	18583.1 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

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



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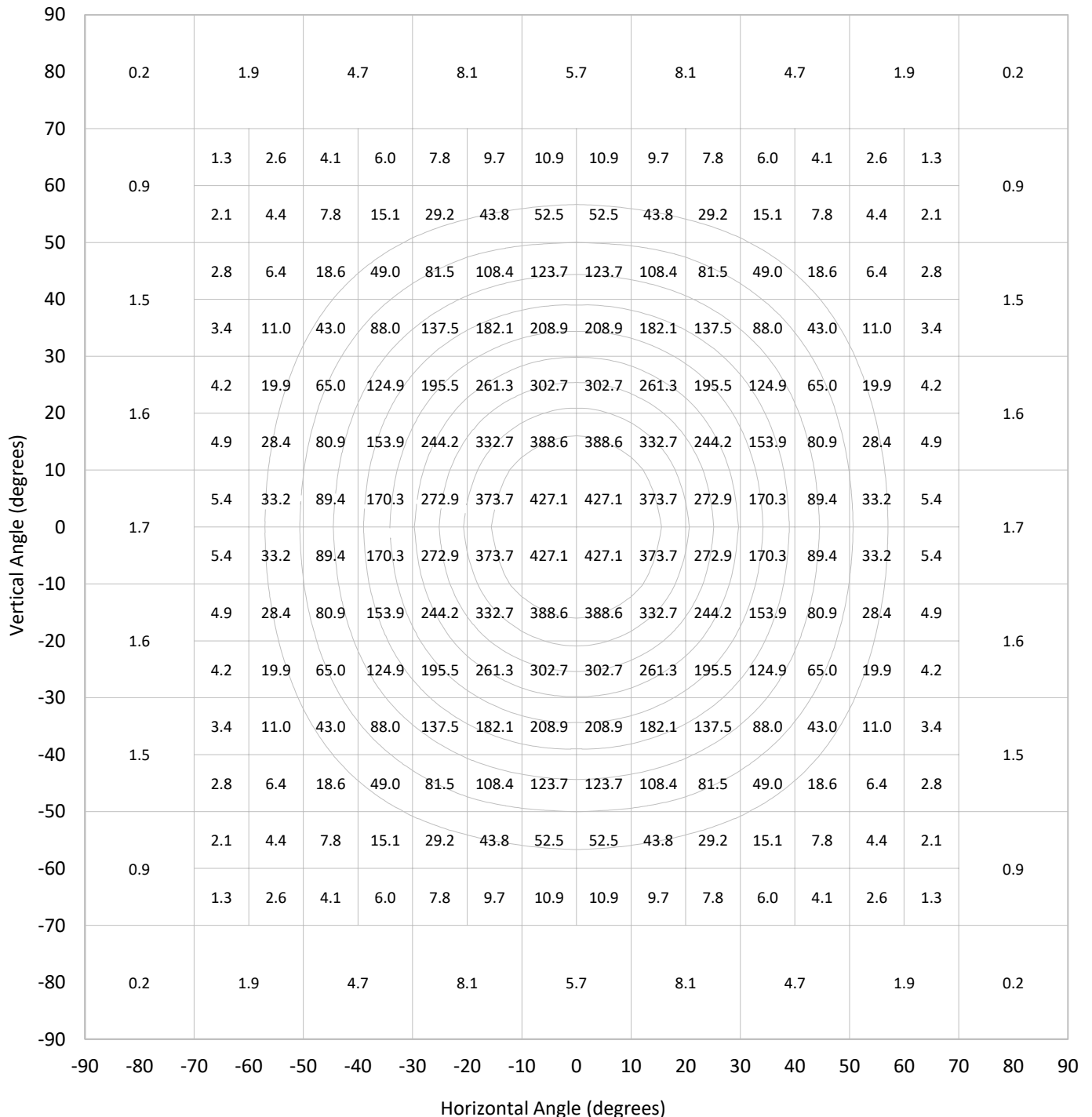
Iso-Candela Plot





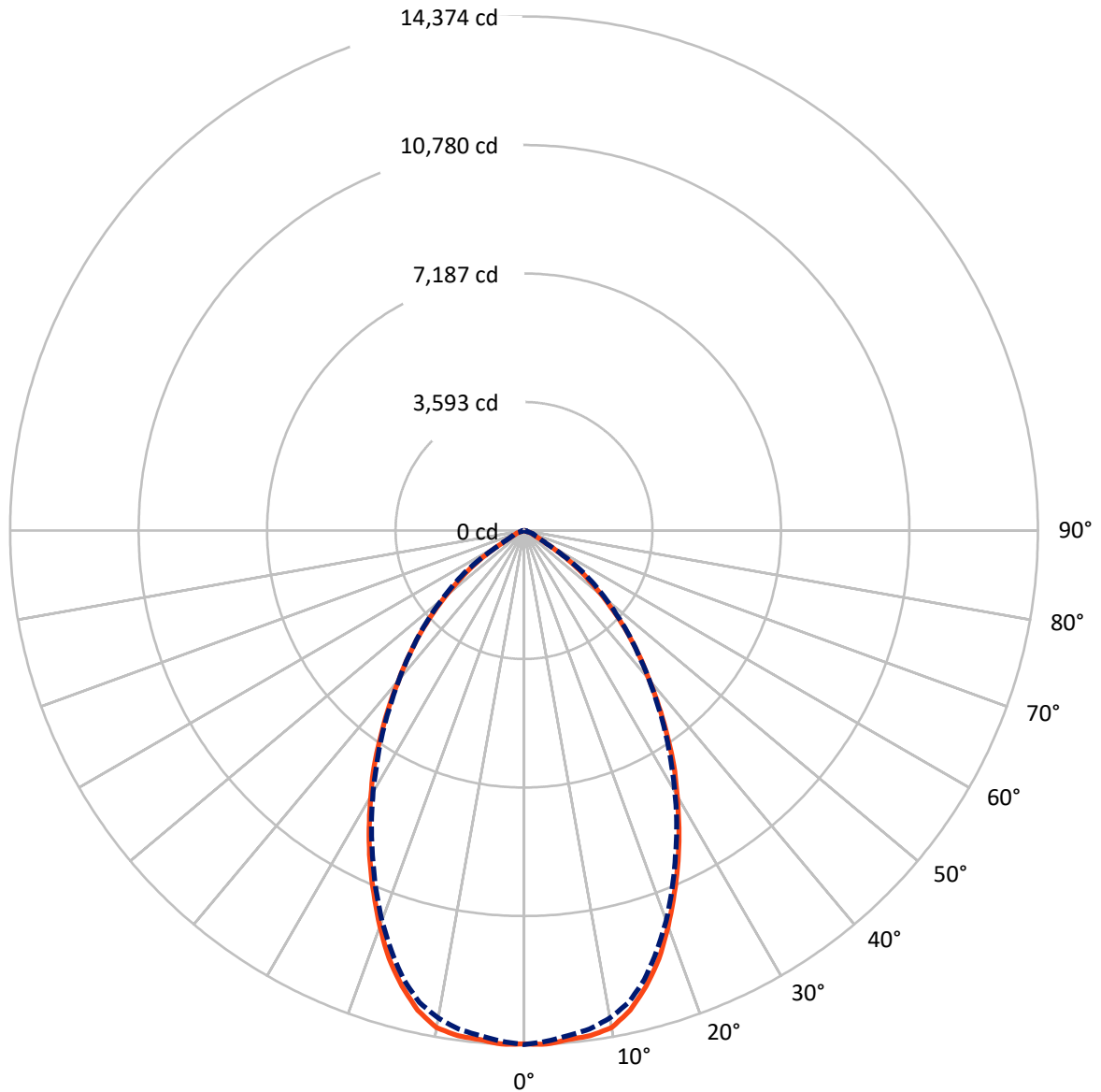
REPORT NUMBER: P559043 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P559043 (CONVERTED FROM TYPE C PHOTOMETRY)
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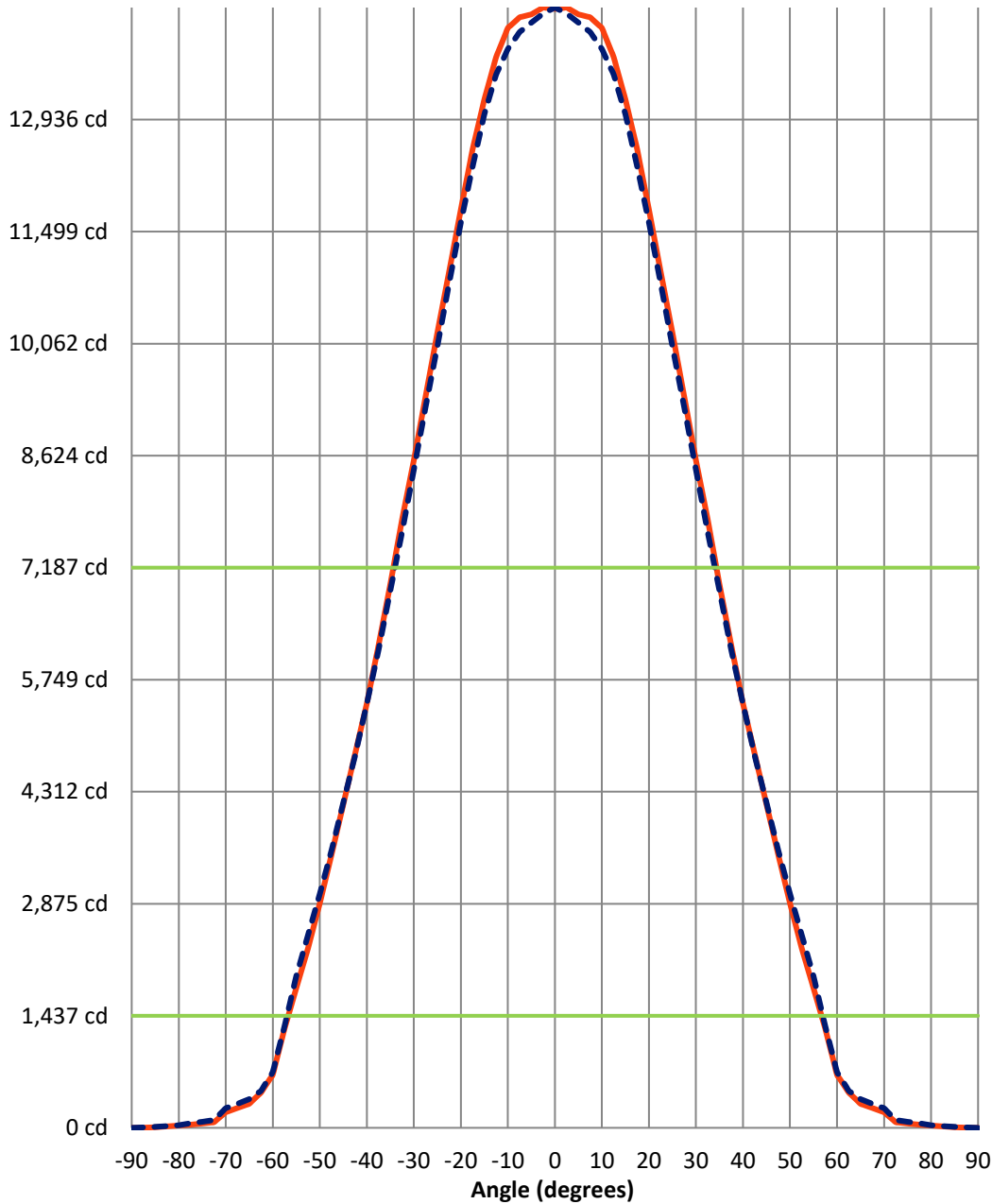
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 11663.7
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 18583.1
Efficiency: 95.5%

Spill:
Lumens: 870.2
Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-Deg



REPORT NUMBER: P559043 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	4.9	5.9	8.1	10.4
80°	0.0	1.0	1.9	2.9	3.8	4.7	6.0	8.9	11.9	14.9	18.1
77.5°	0.0	1.2	2.4	3.6	4.7	6.5	10.2	13.9	17.7	21.7	27.0
75°	0.0	1.4	2.8	4.3	5.9	9.5	14.2	18.9	24.0	32.0	39.9
72.5°	0.0	1.7	3.3	4.9	7.8	12.3	18.1	24.9	34.3	43.6	52.7
70°	0.0	1.9	3.8	5.7	9.7	15.1	22.3	33.8	44.5	55.1	70.2
67.5°	0.0	2.1	4.2	6.8	11.5	17.7	29.1	42.6	54.6	70.4	88.3
65°	0.0	2.3	4.6	7.9	13.2	21.1	35.5	51.3	66.9	85.2	105.4
62.5°	0.0	2.5	5.1	8.9	14.7	25.3	41.4	60.6	78.8	99.7	121.8
60°	0.0	2.7	5.5	9.9	16.2	29.2	46.8	69.9	90.0	115.3	138.2
57.5°	0.0	3.0	6.0	10.8	18.5	32.6	52.3	78.3	103.8	130.9	152.0
55°	0.0	3.2	6.6	11.6	20.6	35.7	57.1	84.8	118.1	145.6	164.4
52.5°	0.0	3.3	7.1	12.3	22.4	38.5	61.3	94.4	132.4	157.0	176.9
50°	0.0	3.5	7.6	13.0	24.0	41.0	64.8	103.4	145.5	168.4	189.9
47.5°	0.0	3.7	8.1	13.7	25.3	43.0	68.0	111.2	155.6	179.7	202.3
45°	0.0	3.9	8.6	14.4	26.3	44.6	73.5	117.8	160.0	190.0	213.9
42.5°	0.0	4.1	9.0	15.0	27.1	45.6	78.1	121.5	162.9	199.5	226.6
40°	0.0	4.2	9.4	15.6	27.6	46.1	81.8	123.0	164.6	207.5	239.3
37.5°	0.0	4.4	9.8	16.4	27.8	46.1	84.5	123.3	166.4	211.0	251.5
35°	0.0	4.5	10.2	17.1	27.7	47.1	86.3	122.7	168.1	218.7	263.6
32.5°	0.0	4.6	10.6	17.8	27.3	48.4	86.7	121.1	169.8	228.6	275.7
30°	0.0	4.8	10.9	18.4	26.6	49.0	85.1	119.3	171.4	240.3	287.1
27.5°	0.0	4.9	11.2	19.0	27.3	49.0	82.7	119.6	175.6	253.8	297.8
25°	0.0	5.0	11.5	19.6	28.1	48.4	79.8	119.7	184.7	264.4	308.0
22.5°	0.0	5.1	11.8	20.1	28.9	48.4	76.1	119.4	194.3	272.6	321.0
20°	0.0	5.2	12.0	20.5	29.6	50.7	71.9	118.7	204.3	279.9	332.6
17.5°	0.0	5.2	12.2	20.9	30.3	52.7	71.2	117.6	214.2	286.5	342.7
15°	0.0	5.3	12.4	21.2	30.9	54.4	72.6	117.0	223.9	292.4	351.3
12.5°	0.0	5.4	12.5	21.5	31.5	55.9	73.9	116.2	232.5	297.4	358.5
10°	0.0	5.4	12.7	21.8	32.0	57.0	75.0	113.9	239.6	301.2	363.9
7.5°	0.0	5.5	12.8	22.0	32.4	58.0	75.9	110.3	245.3	304.3	367.0
5°	0.0	5.5	12.8	22.1	32.8	58.6	76.7	105.6	249.4	306.6	368.6
2.5°	0.0	5.5	12.9	22.2	33.1	59.0	77.3	100.2	251.4	308.1	368.8
0°	0.0	5.5	12.9	22.2	33.3	59.1	77.6	94.2	251.3	308.6	367.7
-2.5°	0.0	5.5	12.9	22.2	33.1	59.0	77.3	100.2	251.4	308.1	368.8
-5°	0.0	5.5	12.8	22.1	32.8	58.6	76.7	105.6	249.4	306.6	368.6
-7.5°	0.0	5.5	12.8	22.0	32.4	58.0	75.9	110.3	245.3	304.3	367.0
-10°	0.0	5.4	12.7	21.8	32.0	57.0	75.0	113.9	239.6	301.2	363.9
-12.5°	0.0	5.4	12.5	21.5	31.5	55.9	73.9	116.2	232.5	297.4	358.5
-15°	0.0	5.3	12.4	21.2	30.9	54.4	72.6	117.0	223.9	292.4	351.3
-17.5°	0.0	5.2	12.2	20.9	30.3	52.7	71.2	117.6	214.2	286.5	342.7
-20°	0.0	5.2	12.0	20.5	29.6	50.7	71.9	118.7	204.3	279.9	332.6



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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	5.1	11.8	20.1	28.9	48.4	76.1	119.4	194.3	272.6	321.0
-25°	0.0	5.0	11.5	19.6	28.1	48.4	79.8	119.7	184.7	264.4	308.0
-27.5°	0.0	4.9	11.2	19.0	27.3	49.0	82.7	119.6	175.6	253.8	297.8
-30°	0.0	4.8	10.9	18.4	26.6	49.0	85.1	119.3	171.4	240.3	287.1
-32.5°	0.0	4.6	10.6	17.8	27.3	48.4	86.7	121.1	169.8	228.6	275.7
-35°	0.0	4.5	10.2	17.1	27.7	47.1	86.3	122.7	168.1	218.7	263.6
-37.5°	0.0	4.4	9.8	16.4	27.8	46.1	84.5	123.3	166.4	211.0	251.5
-40°	0.0	4.2	9.4	15.6	27.6	46.1	81.8	123.0	164.6	207.5	239.3
-42.5°	0.0	4.1	9.0	15.0	27.1	45.6	78.1	121.5	162.9	199.5	226.6
-45°	0.0	3.9	8.6	14.4	26.3	44.6	73.5	117.8	160.0	190.0	213.9
-47.5°	0.0	3.7	8.1	13.7	25.3	43.0	68.0	111.2	155.6	179.7	202.3
-50°	0.0	3.5	7.6	13.0	24.0	41.0	64.8	103.4	145.5	168.4	189.9
-52.5°	0.0	3.3	7.1	12.3	22.4	38.5	61.3	94.4	132.4	157.0	176.9
-55°	0.0	3.2	6.6	11.6	20.6	35.7	57.1	84.8	118.1	145.6	164.4
-57.5°	0.0	3.0	6.0	10.8	18.5	32.6	52.3	78.3	103.8	130.9	152.0
-60°	0.0	2.7	5.5	9.9	16.2	29.2	46.8	69.9	90.0	115.3	138.2
-62.5°	0.0	2.5	5.1	8.9	14.7	25.3	41.4	60.6	78.8	99.7	121.8
-65°	0.0	2.3	4.6	7.9	13.2	21.1	35.5	51.3	66.9	85.2	105.4
-67.5°	0.0	2.1	4.2	6.8	11.5	17.7	29.1	42.6	54.6	70.4	88.3
-70°	0.0	1.9	3.8	5.7	9.7	15.1	22.3	33.8	44.5	55.1	70.2
-72.5°	0.0	1.7	3.3	4.9	7.8	12.3	18.1	24.9	34.3	43.6	52.7
-75°	0.0	1.4	2.8	4.3	5.9	9.5	14.2	18.9	24.0	32.0	39.9
-77.5°	0.0	1.2	2.4	3.6	4.7	6.5	10.2	13.9	17.7	21.7	27.0
-80°	0.0	1.0	1.9	2.9	3.8	4.7	6.0	8.9	11.9	14.9	18.1
-82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	4.9	5.9	8.1	10.4
-85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
-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: P559043 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-WR-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°	2.3	2.3	2.2	2.1	2.3	2.4	2.5	2.6	2.4	2.1	1.8
85°	4.7	4.6	5.2	5.6	6.2	6.6	6.8	6.8	7.6	8.6	9.8
82.5°	11.7	12.5	13.0	13.1	13.3	13.2	13.1	13.0	16.0	19.9	24.2
80°	19.6	20.5	23.6	26.9	28.7	28.6	27.1	24.2	28.7	35.8	44.5
77.5°	32.0	36.8	41.7	46.8	47.8	45.4	41.4	36.0	42.4	55.1	69.5
75°	46.6	53.0	60.3	65.7	65.8	61.8	56.7	55.6	66.4	81.8	94.5
72.5°	63.7	73.1	80.1	84.8	84.4	83.7	85.8	90.3	99.2	110.4	120.3
70°	84.4	93.8	99.0	101.4	102.3	107.4	115.1	120.8	127.1	138.2	148.5
67.5°	104.9	112.1	116.6	119.8	128.4	138.3	145.9	152.9	160.6	172.1	181.5
65°	123.1	130.5	136.9	146.6	159.2	168.4	177.6	187.0	200.5	213.2	220.9
62.5°	141.0	148.8	158.6	171.7	185.3	197.2	212.0	228.8	246.3	259.4	274.3
60°	154.8	166.0	179.9	195.4	211.6	231.0	250.0	269.7	287.7	305.2	327.1
57.5°	168.0	184.1	201.4	219.6	241.1	265.3	288.6	309.8	332.4	356.7	381.5
55°	182.4	203.4	222.7	244.4	270.7	301.4	327.3	352.3	379.4	420.4	456.2
52.5°	198.2	221.5	243.3	269.8	302.5	335.2	364.6	399.8	445.0	505.9	604.7
50°	213.1	238.1	263.6	297.9	333.2	367.7	410.3	459.3	549.9	663.4	862.2
47.5°	227.9	254.4	288.2	325.3	363.7	409.2	463.1	570.3	693.8	976.6	1258.4
45°	242.7	274.1	311.4	353.5	399.3	456.4	568.5	700.6	1036.6	1361.9	1700.8
42.5°	257.0	293.9	336.5	381.3	441.1	544.5	688.9	1038.0	1401.7	1775.3	2100.6
40°	273.4	312.3	361.6	418.4	497.5	654.5	978.7	1371.7	1781.6	2134.6	2451.0
37.5°	288.7	334.7	388.3	454.5	596.7	858.7	1276.3	1712.3	2109.2	2454.1	2792.2
35°	302.8	356.5	420.4	519.6	694.0	1125.6	1578.4	2021.7	2401.1	2769.3	3139.1
32.5°	319.3	377.6	451.2	605.9	916.9	1383.3	1865.1	2287.5	2684.8	3077.5	3499.9
30°	337.6	403.7	494.1	688.2	1137.8	1633.7	2111.0	2542.5	2954.4	3390.6	3843.0
27.5°	354.8	428.8	565.1	847.8	1345.4	1867.5	2334.7	2778.7	3221.0	3685.4	4172.5
25°	370.5	452.8	631.8	1022.8	1545.8	2066.9	2540.5	2992.4	3469.9	3974.7	4487.2
22.5°	387.3	476.1	691.9	1182.2	1729.2	2244.5	2722.4	3201.4	3706.9	4241.8	4776.5
20°	405.5	525.9	790.8	1329.3	1895.7	2405.8	2885.5	3395.7	3928.6	4482.6	5047.3
17.5°	422.1	569.9	909.0	1468.9	2035.8	2546.1	3032.3	3571.6	4121.4	4700.6	5295.3
15°	437.0	608.0	1013.1	1592.3	2154.8	2665.2	3175.6	3727.7	4292.7	4895.9	5513.7
12.5°	450.1	640.3	1102.6	1699.1	2255.1	2767.1	3296.0	3859.4	4445.4	5066.8	5710.5
10°	461.3	666.5	1177.0	1788.3	2336.7	2851.2	3392.6	3969.0	4567.0	5204.3	5869.2
7.5°	468.4	688.2	1235.8	1859.6	2399.7	2917.1	3465.5	4055.3	4655.9	5311.7	5989.3
5°	472.9	705.8	1278.4	1912.4	2445.5	2966.7	3518.0	4117.3	4713.0	5387.1	6070.0
2.5°	475.1	718.0	1304.3	1946.1	2474.3	3001.5	3561.4	4171.7	4773.0	5440.8	6132.5
0°	474.9	724.3	1313.7	1960.5	2485.2	3017.4	3582.8	4199.9	4811.5	5463.8	6175.1
-2.5°	475.1	718.0	1304.3	1946.1	2474.3	3001.5	3561.4	4171.7	4773.0	5440.8	6132.5
-5°	472.9	705.8	1278.4	1912.4	2445.5	2966.7	3518.0	4117.3	4713.0	5387.1	6070.0
-7.5°	468.4	688.2	1235.8	1859.6	2399.7	2917.1	3465.5	4055.3	4655.9	5311.7	5989.3
-10°	461.3	666.5	1177.0	1788.3	2336.7	2851.2	3392.6	3969.0	4567.0	5204.3	5869.2
-12.5°	450.1	640.3	1102.6	1699.1	2255.1	2767.1	3296.0	3859.4	4445.4	5066.8	5710.5
-15°	437.0	608.0	1013.1	1592.3	2154.8	2665.2	3175.6	3727.7	4292.7	4895.9	5513.7
-17.5°	422.1	569.9	909.0	1468.9	2035.8	2546.1	3032.3	3571.6	4121.4	4700.6	5295.3
-20°	405.5	525.9	790.8	1329.3	1895.7	2405.8	2885.5	3395.7	3928.6	4482.6	5047.3



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 CATALOG NUMBER: GFLD-SA5C-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	387.3	476.1	691.9	1182.2	1729.2	2244.5	2722.4	3201.4	3706.9	4241.8	4776.5
-25°	370.5	452.8	631.8	1022.8	1545.8	2066.9	2540.5	2992.4	3469.9	3974.7	4487.2
-27.5°	354.8	428.8	565.1	847.8	1345.4	1867.5	2334.7	2778.7	3221.0	3685.4	4172.5
-30°	337.6	403.7	494.1	688.2	1137.8	1633.7	2111.0	2542.5	2954.4	3390.6	3843.0
-32.5°	319.3	377.6	451.2	605.9	916.9	1383.3	1865.1	2287.5	2684.8	3077.5	3499.9
-35°	302.8	356.5	420.4	519.6	694.0	1125.6	1578.4	2021.7	2401.1	2769.3	3139.1
-37.5°	288.7	334.7	388.3	454.5	596.7	858.7	1276.3	1712.3	2109.2	2454.1	2792.2
-40°	273.4	312.3	361.6	418.4	497.5	654.5	978.7	1371.7	1781.6	2134.6	2451.0
-42.5°	257.0	293.9	336.5	381.3	441.1	544.5	688.9	1038.0	1401.7	1775.3	2100.6
-45°	242.7	274.1	311.4	353.5	399.3	456.4	568.5	700.6	1036.6	1361.9	1700.8
-47.5°	227.9	254.4	288.2	325.3	363.7	409.2	463.1	570.3	693.8	976.6	1258.4
-50°	213.1	238.1	263.6	297.9	333.2	367.7	410.3	459.3	549.9	663.4	862.2
-52.5°	198.2	221.5	243.3	269.8	302.5	335.2	364.6	399.8	445.0	505.9	604.7
-55°	182.4	203.4	222.7	244.4	270.7	301.4	327.3	352.3	379.4	420.4	456.2
-57.5°	168.0	184.1	201.4	219.6	241.1	265.3	288.6	309.8	332.4	356.7	381.5
-60°	154.8	166.0	179.9	195.4	211.6	231.0	250.0	269.7	287.7	305.2	327.1
-62.5°	141.0	148.8	158.6	171.7	185.3	197.2	212.0	228.8	246.3	259.4	274.3
-65°	123.1	130.5	136.9	146.6	159.2	168.4	177.6	187.0	200.5	213.2	220.9
-67.5°	104.9	112.1	116.6	119.8	128.4	138.3	145.9	152.9	160.6	172.1	181.5
-70°	84.4	93.8	99.0	101.4	102.3	107.4	115.1	120.8	127.1	138.2	148.5
-72.5°	63.7	73.1	80.1	84.8	84.4	83.7	85.8	90.3	99.2	110.4	120.3
-75°	46.6	53.0	60.3	65.7	65.8	61.8	56.7	55.6	66.4	81.8	94.5
-77.5°	32.0	36.8	41.7	46.8	47.8	45.4	41.4	36.0	42.4	55.1	69.5
-80°	19.6	20.5	23.6	26.9	28.7	28.6	27.1	24.2	28.7	35.8	44.5
-82.5°	11.7	12.5	13.0	13.1	13.3	13.2	13.1	13.0	16.0	19.9	24.2
-85°	4.7	4.6	5.2	5.6	6.2	6.6	6.8	6.8	7.6	8.6	9.8
-87.5°	2.3	2.3	2.2	2.1	2.3	2.4	2.5	2.6	2.4	2.1	1.8
-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: P559043 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-WR-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°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
85°	11.2	11.0	10.7	10.1	9.4	9.7	10.0	10.2	10.5	9.8	9.0
82.5°	28.9	31.1	33.1	35.3	37.6	37.2	36.2	34.7	32.8	29.2	25.2
80°	54.3	59.4	62.8	65.5	67.7	65.6	62.4	58.8	54.7	48.6	41.9
77.5°	84.3	89.4	92.1	95.3	98.8	99.5	99.7	100.0	100.4	89.1	74.7
75°	104.7	111.4	117.0	121.9	126.3	128.4	129.8	131.2	132.6	117.5	97.8
72.5°	128.7	135.3	140.6	145.9	150.6	154.2	157.0	159.3	161.1	148.9	131.7
70°	156.8	163.3	169.4	174.9	180.3	185.1	189.5	193.6	197.4	198.0	198.9
67.5°	188.4	192.3	199.6	206.5	214.8	220.9	227.6	234.0	239.8	244.8	248.9
65°	227.7	241.6	255.8	262.7	263.2	272.1	285.8	293.5	295.8	297.5	301.9
62.5°	293.5	311.5	321.0	333.3	350.3	368.9	376.0	386.2	398.6	412.6	425.4
60°	345.8	361.1	384.0	407.2	427.9	446.7	492.2	532.7	567.4	597.2	625.9
57.5°	410.7	436.0	470.9	533.9	591.5	643.6	732.7	841.4	938.3	1023.1	1097.6
55°	514.2	587.8	654.1	802.8	961.7	1099.1	1227.9	1365.6	1477.6	1565.3	1646.3
52.5°	690.6	893.1	1098.4	1291.4	1481.3	1654.1	1809.1	1931.2	2026.4	2097.9	2165.6
50°	1105.6	1349.7	1599.7	1830.0	2016.5	2186.8	2348.2	2469.2	2570.5	2657.7	2734.9
47.5°	1558.1	1843.7	2080.0	2292.4	2493.4	2682.4	2858.9	3006.2	3131.0	3246.1	3341.8
45°	2008.3	2263.8	2506.1	2733.9	2952.6	3164.4	3354.3	3521.9	3687.0	3823.4	3931.3
42.5°	2389.0	2659.5	2917.2	3177.9	3422.4	3660.1	3889.5	4093.3	4268.7	4417.8	4537.7
40°	2754.4	3046.0	3352.1	3641.6	3932.0	4203.1	4457.3	4689.9	4889.7	5066.2	5215.6
37.5°	3126.3	3466.8	3803.1	4133.0	4452.9	4747.8	5039.6	5308.0	5542.0	5748.5	5922.0
35°	3518.8	3894.1	4260.1	4631.7	4981.0	5322.4	5644.9	5940.3	6199.4	6442.8	6651.9
32.5°	3912.0	4318.7	4730.7	5132.9	5519.9	5902.2	6255.8	6588.9	6895.2	7164.5	7387.8
30°	4294.9	4742.6	5183.4	5621.6	6063.3	6479.8	6871.5	7237.3	7569.7	7863.1	8116.8
27.5°	4662.2	5143.5	5616.4	6117.5	6597.4	7050.5	7476.1	7869.4	8240.5	8574.1	8862.0
25°	5002.1	5513.4	6064.5	6590.1	7103.7	7606.2	8072.5	8499.7	8924.0	9291.0	9603.7
22.5°	5323.3	5893.8	6474.1	7025.3	7592.0	8144.5	8666.5	9161.6	9614.7	9999.3	10332.7
20°	5628.6	6242.6	6840.6	7450.9	8064.5	8660.6	9235.3	9764.5	10243.3	10662.4	11038.4
17.5°	5917.1	6552.5	7187.9	7839.5	8502.3	9128.9	9737.9	10313.6	10836.2	11301.2	11725.0
15°	6166.6	6823.1	7503.4	8196.1	8889.3	9555.6	10201.9	10829.0	11417.1	11923.2	12350.6
12.5°	6378.6	7062.6	7782.3	8509.0	9239.7	9938.1	10623.2	11294.2	11919.2	12463.4	12902.2
10°	6554.5	7271.1	8022.9	8779.8	9529.2	10254.9	10967.4	11661.7	12333.0	12897.1	13347.8
7.5°	6701.1	7445.1	8214.3	8994.1	9750.2	10503.9	11247.0	11948.3	12609.8	13204.5	13667.7
5°	6810.6	7567.1	8352.5	9151.7	9919.4	10700.0	11465.1	12182.9	12837.7	13376.7	13754.8
2.5°	6892.1	7643.0	8442.1	9246.8	10024.6	10833.3	11614.8	12333.3	13003.5	13513.6	13841.1
0°	6947.5	7684.8	8523.6	9312.6	10103.4	10933.1	11705.4	12431.6	13104.2	13603.1	13941.2
-2.5°	6892.1	7643.0	8442.1	9246.8	10024.6	10833.3	11614.8	12333.3	13003.5	13513.6	13841.1
-5°	6810.6	7567.1	8352.5	9151.7	9919.4	10700.0	11465.1	12182.9	12837.7	13376.7	13754.8
-7.5°	6701.1	7445.1	8214.3	8994.1	9750.2	10503.9	11247.0	11948.3	12609.8	13204.5	13667.7
-10°	6554.5	7271.1	8022.9	8779.8	9529.2	10254.9	10967.4	11661.7	12333.0	12897.1	13347.8
-12.5°	6378.6	7062.6	7782.3	8509.0	9239.7	9938.1	10623.2	11294.2	11919.2	12463.4	12902.2
-15°	6166.6	6823.1	7503.4	8196.1	8889.3	9555.6	10201.9	10829.0	11417.1	11923.2	12350.6
-17.5°	5917.1	6552.5	7187.9	7839.5	8502.3	9128.9	9737.9	10313.6	10836.2	11301.2	11725.0
-20°	5628.6	6242.6	6840.6	7450.9	8064.5	8660.6	9235.3	9764.5	10243.3	10662.4	11038.4



REPORT NUMBER: P559043 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5323.3	5893.8	6474.1	7025.3	7592.0	8144.5	8666.5	9161.6	9614.7	9999.3	10332.7
-25°	5002.1	5513.4	6064.5	6590.1	7103.7	7606.2	8072.5	8499.7	8924.0	9291.0	9603.7
-27.5°	4662.2	5143.5	5616.4	6117.5	6597.4	7050.5	7476.1	7869.4	8240.5	8574.1	8862.0
-30°	4294.9	4742.6	5183.4	5621.6	6063.3	6479.8	6871.5	7237.3	7569.7	7863.1	8116.8
-32.5°	3912.0	4318.7	4730.7	5132.9	5519.9	5902.2	6255.8	6588.9	6895.2	7164.5	7387.8
-35°	3518.8	3894.1	4260.1	4631.7	4981.0	5322.4	5644.9	5940.3	6199.4	6442.8	6651.9
-37.5°	3126.3	3466.8	3803.1	4133.0	4452.9	4747.8	5039.6	5308.0	5542.0	5748.5	5922.0
-40°	2754.4	3046.0	3352.1	3641.6	3932.0	4203.1	4457.3	4689.9	4889.7	5066.2	5215.6
-42.5°	2389.0	2659.5	2917.2	3177.9	3422.4	3660.1	3889.5	4093.3	4268.7	4417.8	4537.7
-45°	2008.3	2263.8	2506.1	2733.9	2952.6	3164.4	3354.3	3521.9	3687.0	3823.4	3931.3
-47.5°	1558.1	1843.7	2080.0	2292.4	2493.4	2682.4	2858.9	3006.2	3131.0	3246.1	3341.8
-50°	1105.6	1349.7	1599.7	1830.0	2016.5	2186.8	2348.2	2469.2	2570.5	2657.7	2734.9
-52.5°	690.6	893.1	1098.4	1291.4	1481.3	1654.1	1809.1	1931.2	2026.4	2097.9	2165.6
-55°	514.2	587.8	654.1	802.8	961.7	1099.1	1227.9	1365.6	1477.6	1565.3	1646.3
-57.5°	410.7	436.0	470.9	533.9	591.5	643.6	732.7	841.4	938.3	1023.1	1097.6
-60°	345.8	361.1	384.0	407.2	427.9	446.7	492.2	532.7	567.4	597.2	625.9
-62.5°	293.5	311.5	321.0	333.3	350.3	368.9	376.0	386.2	398.6	412.6	425.4
-65°	227.7	241.6	255.8	262.7	263.2	272.1	285.8	293.5	295.8	297.5	301.9
-67.5°	188.4	192.3	199.6	206.5	214.8	220.9	227.6	234.0	239.8	244.8	248.9
-70°	156.8	163.3	169.4	174.9	180.3	185.1	189.5	193.6	197.4	198.0	198.9
-72.5°	128.7	135.3	140.6	145.9	150.6	154.2	157.0	159.3	161.1	148.9	131.7
-75°	104.7	111.4	117.0	121.9	126.3	128.4	129.8	131.2	132.6	117.5	97.8
-77.5°	84.3	89.4	92.1	95.3	98.8	99.5	99.7	100.0	100.4	89.1	74.7
-80°	54.3	59.4	62.8	65.5	67.7	65.6	62.4	58.8	54.7	48.6	41.9
-82.5°	28.9	31.1	33.1	35.3	37.6	37.2	36.2	34.7	32.8	29.2	25.2
-85°	11.2	11.0	10.7	10.1	9.4	9.7	10.0	10.2	10.5	9.8	9.0
-87.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
-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: P559043 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-WR-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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
85°	8.2	7.4	7.4	7.4	7.4	7.4	8.2	9.0	9.8	10.5	10.2
82.5°	21.0	16.6	17.5	18.5	17.5	16.6	21.0	25.2	29.2	32.8	34.7
80°	35.0	27.8	28.6	29.6	28.6	27.8	35.0	41.9	48.6	54.7	58.8
77.5°	59.2	43.0	41.6	40.7	41.6	43.0	59.2	74.7	89.1	100.4	100.0
75°	77.5	56.6	55.3	55.4	55.3	56.6	77.5	97.8	117.5	132.6	131.2
72.5°	114.4	96.7	84.5	72.1	84.5	96.7	114.4	131.7	148.9	161.1	159.3
70°	201.1	203.5	202.5	199.6	202.5	203.5	201.1	198.9	198.0	197.4	193.6
67.5°	252.3	254.9	255.5	255.0	255.5	254.9	252.3	248.9	244.8	239.8	234.0
65°	304.9	306.7	308.1	308.6	308.1	306.7	304.9	301.9	297.5	295.8	293.5
62.5°	434.9	441.3	448.0	452.7	448.0	441.3	434.9	425.4	412.6	398.6	386.2
60°	651.0	671.8	681.0	681.8	681.0	671.8	651.0	625.9	597.2	567.4	532.7
57.5°	1157.2	1201.8	1241.5	1271.2	1241.5	1201.8	1157.2	1097.6	1023.1	938.3	841.4
55°	1711.0	1758.4	1785.1	1792.3	1785.1	1758.4	1711.0	1646.3	1565.3	1477.6	1365.6
52.5°	2217.0	2248.5	2278.4	2304.1	2278.4	2248.5	2217.0	2165.6	2097.9	2026.4	1931.2
50°	2793.1	2828.3	2857.9	2880.6	2857.9	2828.3	2793.1	2734.9	2657.7	2570.5	2469.2
47.5°	3409.1	3452.1	3483.8	3505.2	3483.8	3452.1	3409.1	3341.8	3246.1	3131.0	3006.2
45°	4023.7	4097.4	4142.2	4150.0	4142.2	4097.4	4023.7	3931.3	3823.4	3687.0	3521.9
42.5°	4641.5	4712.1	4759.7	4794.9	4759.7	4712.1	4641.5	4537.7	4417.8	4268.7	4093.3
40°	5340.1	5428.7	5469.4	5443.4	5469.4	5428.7	5340.1	5215.6	5066.2	4889.7	4689.9
37.5°	6055.8	6146.9	6194.0	6191.8	6194.0	6146.9	6055.8	5922.0	5748.5	5542.0	5308.0
35°	6814.5	6927.6	6988.8	6973.4	6988.8	6927.6	6814.5	6651.9	6442.8	6199.4	5940.3
32.5°	7566.2	7702.9	7791.1	7804.9	7791.1	7702.9	7566.2	7387.8	7164.5	6895.2	6588.9
30°	8320.2	8467.9	8555.7	8564.3	8555.7	8467.9	8320.2	8116.8	7863.1	7569.7	7237.3
27.5°	9103.7	9268.9	9360.8	9382.8	9360.8	9268.9	9103.7	8862.0	8574.1	8240.5	7869.4
25°	9870.3	10053.7	10159.1	10199.5	10159.1	10053.7	9870.3	9603.7	9291.0	8924.0	8499.7
22.5°	10609.4	10810.6	10948.0	10983.0	10948.0	10810.6	10609.4	10332.7	9999.3	9614.7	9161.6
20°	11350.8	11588.2	11763.9	11781.2	11763.9	11588.2	11350.8	11038.4	10662.4	10243.3	9764.5
17.5°	12064.6	12321.5	12509.5	12555.4	12509.5	12321.5	12064.6	11725.0	11301.2	10836.2	10313.6
15°	12703.7	12973.2	13154.8	13194.7	13154.8	12973.2	12703.7	12350.6	11923.2	11417.1	10829.0
12.5°	13255.1	13503.6	13673.1	13737.9	13673.1	13503.6	13255.1	12902.2	12463.4	11919.2	11294.2
10°	13699.4	13891.3	14042.8	14111.2	14042.8	13891.3	13699.4	13347.8	12897.1	12333.0	11661.7
7.5°	13947.3	14105.3	14210.2	14247.9	14210.2	14105.3	13947.3	13667.7	13204.5	12609.8	11948.3
5°	14045.3	14196.7	14253.5	14286.7	14253.5	14196.7	14045.3	13754.8	13376.7	12837.7	12182.9
2.5°	14058.7	14179.9	14296.8	14373.6	14296.8	14179.9	14058.7	13841.1	13513.6	13003.5	12333.3
0°	14137.1	14255.3	14320.0	14356.9	14320.0	14255.3	14137.1	13941.2	13603.1	13104.2	12431.6
-2.5°	14058.7	14179.9	14296.8	14373.6	14296.8	14179.9	14058.7	13841.1	13513.6	13003.5	12333.3
-5°	14045.3	14196.7	14253.5	14286.7	14253.5	14196.7	14045.3	13754.8	13376.7	12837.7	12182.9
-7.5°	13947.3	14105.3	14210.2	14247.9	14210.2	14105.3	13947.3	13667.7	13204.5	12609.8	11948.3
-10°	13699.4	13891.3	14042.8	14111.2	14042.8	13891.3	13699.4	13347.8	12897.1	12333.0	11661.7
-12.5°	13255.1	13503.6	13673.1	13737.9	13673.1	13503.6	13255.1	12902.2	12463.4	11919.2	11294.2
-15°	12703.7	12973.2	13154.8	13194.7	13154.8	12973.2	12703.7	12350.6	11923.2	11417.1	10829.0
-17.5°	12064.6	12321.5	12509.5	12555.4	12509.5	12321.5	12064.6	11725.0	11301.2	10836.2	10313.6
-20°	11350.8	11588.2	11763.9	11781.2	11763.9	11588.2	11350.8	11038.4	10662.4	10243.3	9764.5



REPORT NUMBER: P559043 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10609.4	10810.6	10948.0	10983.0	10948.0	10810.6	10609.4	10332.7	9999.3	9614.7	9161.6
-25°	9870.3	10053.7	10159.1	10199.5	10159.1	10053.7	9870.3	9603.7	9291.0	8924.0	8499.7
-27.5°	9103.7	9268.9	9360.8	9382.8	9360.8	9268.9	9103.7	8862.0	8574.1	8240.5	7869.4
-30°	8320.2	8467.9	8555.7	8564.3	8555.7	8467.9	8320.2	8116.8	7863.1	7569.7	7237.3
-32.5°	7566.2	7702.9	7791.1	7804.9	7791.1	7702.9	7566.2	7387.8	7164.5	6895.2	6588.9
-35°	6814.5	6927.6	6988.8	6973.4	6988.8	6927.6	6814.5	6651.9	6442.8	6199.4	5940.3
-37.5°	6055.8	6146.9	6194.0	6191.8	6194.0	6146.9	6055.8	5922.0	5748.5	5542.0	5308.0
-40°	5340.1	5428.7	5469.4	5443.4	5469.4	5428.7	5340.1	5215.6	5066.2	4889.7	4689.9
-42.5°	4641.5	4712.1	4759.7	4794.9	4759.7	4712.1	4641.5	4537.7	4417.8	4268.7	4093.3
-45°	4023.7	4097.4	4142.2	4150.0	4142.2	4097.4	4023.7	3931.3	3823.4	3687.0	3521.9
-47.5°	3409.1	3452.1	3483.8	3505.2	3483.8	3452.1	3409.1	3341.8	3246.1	3131.0	3006.2
-50°	2793.1	2828.3	2857.9	2880.6	2857.9	2828.3	2793.1	2734.9	2657.7	2570.5	2469.2
-52.5°	2217.0	2248.5	2278.4	2304.1	2278.4	2248.5	2217.0	2165.6	2097.9	2026.4	1931.2
-55°	1711.0	1758.4	1785.1	1792.3	1785.1	1758.4	1711.0	1646.3	1565.3	1477.6	1365.6
-57.5°	1157.2	1201.8	1241.5	1271.2	1241.5	1201.8	1157.2	1097.6	1023.1	938.3	841.4
-60°	651.0	671.8	681.0	681.8	681.0	671.8	651.0	625.9	597.2	567.4	532.7
-62.5°	434.9	441.3	448.0	452.7	448.0	441.3	434.9	425.4	412.6	398.6	386.2
-65°	304.9	306.7	308.1	308.6	308.1	306.7	304.9	301.9	297.5	295.8	293.5
-67.5°	252.3	254.9	255.5	255.0	255.5	254.9	252.3	248.9	244.8	239.8	234.0
-70°	201.1	203.5	202.5	199.6	202.5	203.5	201.1	198.9	198.0	197.4	193.6
-72.5°	114.4	96.7	84.5	72.1	84.5	96.7	114.4	131.7	148.9	161.1	159.3
-75°	77.5	56.6	55.3	55.4	55.3	56.6	77.5	97.8	117.5	132.6	131.2
-77.5°	59.2	43.0	41.6	40.7	41.6	43.0	59.2	74.7	89.1	100.4	100.0
-80°	35.0	27.8	28.6	29.6	28.6	27.8	35.0	41.9	48.6	54.7	58.8
-82.5°	21.0	16.6	17.5	18.5	17.5	16.6	21.0	25.2	29.2	32.8	34.7
-85°	8.2	7.4	7.4	7.4	7.4	7.4	8.2	9.0	9.8	10.5	10.2
-87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
-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: P559043 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-WR-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°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.8	2.1	2.4	2.6
85°	10.0	9.7	9.4	10.1	10.7	11.0	11.2	9.8	8.6	7.6	6.8
82.5°	36.2	37.2	37.6	35.3	33.1	31.1	28.9	24.2	19.9	16.0	13.0
80°	62.4	65.6	67.7	65.5	62.8	59.4	54.3	44.5	35.8	28.7	24.2
77.5°	99.7	99.5	98.8	95.3	92.1	89.4	84.3	69.5	55.1	42.4	36.0
75°	129.8	128.4	126.3	121.9	117.0	111.4	104.7	94.5	81.8	66.4	55.6
72.5°	157.0	154.2	150.6	145.9	140.6	135.3	128.7	120.3	110.4	99.2	90.3
70°	189.5	185.1	180.3	174.9	169.4	163.3	156.8	148.5	138.2	127.1	120.8
67.5°	227.6	220.9	214.8	206.5	199.6	192.3	188.4	181.5	172.1	160.6	152.9
65°	285.8	272.1	263.2	262.7	255.8	241.6	227.7	220.9	213.2	200.5	187.0
62.5°	376.0	368.9	350.3	333.3	321.0	311.5	293.5	274.3	259.4	246.3	228.8
60°	492.2	446.7	427.9	407.2	384.0	361.1	345.8	327.1	305.2	287.7	269.7
57.5°	732.7	643.6	591.5	533.9	470.9	436.0	410.7	381.5	356.7	332.4	309.8
55°	1227.9	1099.1	961.7	802.8	654.1	587.8	514.2	456.2	420.4	379.4	352.3
52.5°	1809.1	1654.1	1481.3	1291.4	1098.4	893.1	690.6	604.7	505.9	445.0	399.8
50°	2348.2	2186.8	2016.5	1830.0	1599.7	1349.7	1105.6	862.2	663.4	549.9	459.3
47.5°	2858.9	2682.4	2493.4	2292.4	2080.0	1843.7	1558.1	1258.4	976.6	693.8	570.3
45°	3354.3	3164.4	2952.6	2733.9	2506.1	2263.8	2008.3	1700.8	1361.9	1036.6	700.6
42.5°	3889.5	3660.1	3422.4	3177.9	2917.2	2659.5	2389.0	2100.6	1775.3	1401.7	1038.0
40°	4457.3	4203.1	3932.0	3641.6	3352.1	3046.0	2754.4	2451.0	2134.6	1781.6	1371.7
37.5°	5039.6	4747.8	4452.9	4133.0	3803.1	3466.8	3126.3	2792.2	2454.1	2109.2	1712.3
35°	5644.9	5322.4	4981.0	4631.7	4260.1	3894.1	3518.8	3139.1	2769.3	2401.1	2021.7
32.5°	6255.8	5902.2	5519.9	5132.9	4730.7	4318.7	3912.0	3499.9	3077.5	2684.8	2287.5
30°	6871.5	6479.8	6063.3	5621.6	5183.4	4742.6	4294.9	3843.0	3390.6	2954.4	2542.5
27.5°	7476.1	7050.5	6597.4	6117.5	5616.4	5143.5	4662.2	4172.5	3685.4	3221.0	2778.7
25°	8072.5	7606.2	7103.7	6590.1	6064.5	5513.4	5002.1	4487.2	3974.7	3469.9	2992.4
22.5°	8666.5	8144.5	7592.0	7025.3	6474.1	5893.8	5323.3	4776.5	4241.8	3706.9	3201.4
20°	9235.3	8660.6	8064.5	7450.9	6840.6	6242.6	5628.6	5047.3	4482.6	3928.6	3395.7
17.5°	9737.9	9128.9	8502.3	7839.5	7187.9	6552.5	5917.1	5295.3	4700.6	4121.4	3571.6
15°	10201.9	9555.6	8889.3	8196.1	7503.4	6823.1	6166.6	5513.7	4895.9	4292.7	3727.7
12.5°	10623.2	9938.1	9239.7	8509.0	7782.3	7062.6	6378.6	5710.5	5066.8	4445.4	3859.4
10°	10967.4	10254.9	9529.2	8779.8	8022.9	7271.1	6554.5	5869.2	5204.3	4567.0	3969.0
7.5°	11247.0	10503.9	9750.2	8994.1	8214.3	7445.1	6701.1	5989.3	5311.7	4655.9	4055.3
5°	11465.1	10700.0	9919.4	9151.7	8352.5	7567.1	6810.6	6070.0	5387.1	4713.0	4117.3
2.5°	11614.8	10833.3	10024.6	9246.8	8442.1	7643.0	6892.1	6132.5	5440.8	4773.0	4171.7
0°	11705.4	10933.1	10103.4	9312.6	8523.6	7684.8	6947.5	6175.1	5463.8	4811.5	4199.9
-2.5°	11614.8	10833.3	10024.6	9246.8	8442.1	7643.0	6892.1	6132.5	5440.8	4773.0	4171.7
-5°	11465.1	10700.0	9919.4	9151.7	8352.5	7567.1	6810.6	6070.0	5387.1	4713.0	4117.3
-7.5°	11247.0	10503.9	9750.2	8994.1	8214.3	7445.1	6701.1	5989.3	5311.7	4655.9	4055.3
-10°	10967.4	10254.9	9529.2	8779.8	8022.9	7271.1	6554.5	5869.2	5204.3	4567.0	3969.0
-12.5°	10623.2	9938.1	9239.7	8509.0	7782.3	7062.6	6378.6	5710.5	5066.8	4445.4	3859.4
-15°	10201.9	9555.6	8889.3	8196.1	7503.4	6823.1	6166.6	5513.7	4895.9	4292.7	3727.7
-17.5°	9737.9	9128.9	8502.3	7839.5	7187.9	6552.5	5917.1	5295.3	4700.6	4121.4	3571.6
-20°	9235.3	8660.6	8064.5	7450.9	6840.6	6242.6	5628.6	5047.3	4482.6	3928.6	3395.7



REPORT NUMBER: P559043 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8666.5	8144.5	7592.0	7025.3	6474.1	5893.8	5323.3	4776.5	4241.8	3706.9	3201.4
-25°	8072.5	7606.2	7103.7	6590.1	6064.5	5513.4	5002.1	4487.2	3974.7	3469.9	2992.4
-27.5°	7476.1	7050.5	6597.4	6117.5	5616.4	5143.5	4662.2	4172.5	3685.4	3221.0	2778.7
-30°	6871.5	6479.8	6063.3	5621.6	5183.4	4742.6	4294.9	3843.0	3390.6	2954.4	2542.5
-32.5°	6255.8	5902.2	5519.9	5132.9	4730.7	4318.7	3912.0	3499.9	3077.5	2684.8	2287.5
-35°	5644.9	5322.4	4981.0	4631.7	4260.1	3894.1	3518.8	3139.1	2769.3	2401.1	2021.7
-37.5°	5039.6	4747.8	4452.9	4133.0	3803.1	3466.8	3126.3	2792.2	2454.1	2109.2	1712.3
-40°	4457.3	4203.1	3932.0	3641.6	3352.1	3046.0	2754.4	2451.0	2134.6	1781.6	1371.7
-42.5°	3889.5	3660.1	3422.4	3177.9	2917.2	2659.5	2389.0	2100.6	1775.3	1401.7	1038.0
-45°	3354.3	3164.4	2952.6	2733.9	2506.1	2263.8	2008.3	1700.8	1361.9	1036.6	700.6
-47.5°	2858.9	2682.4	2493.4	2292.4	2080.0	1843.7	1558.1	1258.4	976.6	693.8	570.3
-50°	2348.2	2186.8	2016.5	1830.0	1599.7	1349.7	1105.6	862.2	663.4	549.9	459.3
-52.5°	1809.1	1654.1	1481.3	1291.4	1098.4	893.1	690.6	604.7	505.9	445.0	399.8
-55°	1227.9	1099.1	961.7	802.8	654.1	587.8	514.2	456.2	420.4	379.4	352.3
-57.5°	732.7	643.6	591.5	533.9	470.9	436.0	410.7	381.5	356.7	332.4	309.8
-60°	492.2	446.7	427.9	407.2	384.0	361.1	345.8	327.1	305.2	287.7	269.7
-62.5°	376.0	368.9	350.3	333.3	321.0	311.5	293.5	274.3	259.4	246.3	228.8
-65°	285.8	272.1	263.2	262.7	255.8	241.6	227.7	220.9	213.2	200.5	187.0
-67.5°	227.6	220.9	214.8	206.5	199.6	192.3	188.4	181.5	172.1	160.6	152.9
-70°	189.5	185.1	180.3	174.9	169.4	163.3	156.8	148.5	138.2	127.1	120.8
-72.5°	157.0	154.2	150.6	145.9	140.6	135.3	128.7	120.3	110.4	99.2	90.3
-75°	129.8	128.4	126.3	121.9	117.0	111.4	104.7	94.5	81.8	66.4	55.6
-77.5°	99.7	99.5	98.8	95.3	92.1	89.4	84.3	69.5	55.1	42.4	36.0
-80°	62.4	65.6	67.7	65.5	62.8	59.4	54.3	44.5	35.8	28.7	24.2
-82.5°	36.2	37.2	37.6	35.3	33.1	31.1	28.9	24.2	19.9	16.0	13.0
-85°	10.0	9.7	9.4	10.1	10.7	11.0	11.2	9.8	8.6	7.6	6.8
-87.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.8	2.1	2.4	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: P559043 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-WR-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°	2.5	2.4	2.3	2.1	2.2	2.3	2.3	2.3	2.1	1.9	1.7
85°	6.8	6.6	6.2	5.6	5.2	4.6	4.7	4.6	4.2	3.8	3.3
82.5°	13.1	13.2	13.3	13.1	13.0	12.5	11.7	10.4	8.1	5.9	4.9
80°	27.1	28.6	28.7	26.9	23.6	20.5	19.6	18.1	14.9	11.9	8.9
77.5°	41.4	45.4	47.8	46.8	41.7	36.8	32.0	27.0	21.7	17.7	13.9
75°	56.7	61.8	65.8	65.7	60.3	53.0	46.6	39.9	32.0	24.0	18.9
72.5°	85.8	83.7	84.4	84.8	80.1	73.1	63.7	52.7	43.6	34.3	24.9
70°	115.1	107.4	102.3	101.4	99.0	93.8	84.4	70.2	55.1	44.5	33.8
67.5°	145.9	138.3	128.4	119.8	116.6	112.1	104.9	88.3	70.4	54.6	42.6
65°	177.6	168.4	159.2	146.6	136.9	130.5	123.1	105.4	85.2	66.9	51.3
62.5°	212.0	197.2	185.3	171.7	158.6	148.8	141.0	121.8	99.7	78.8	60.6
60°	250.0	231.0	211.6	195.4	179.9	166.0	154.8	138.2	115.3	90.0	69.9
57.5°	288.6	265.3	241.1	219.6	201.4	184.1	168.0	152.0	130.9	103.8	78.3
55°	327.3	301.4	270.7	244.4	222.7	203.4	182.4	164.4	145.6	118.1	84.8
52.5°	364.6	335.2	302.5	269.8	243.3	221.5	198.2	176.9	157.0	132.4	94.4
50°	410.3	367.7	333.2	297.9	263.6	238.1	213.1	189.9	168.4	145.5	103.4
47.5°	463.1	409.2	363.7	325.3	288.2	254.4	227.9	202.3	179.7	155.6	111.2
45°	568.5	456.4	399.3	353.5	311.4	274.1	242.7	213.9	190.0	160.0	117.8
42.5°	688.9	544.5	441.1	381.3	336.5	293.9	257.0	226.6	199.5	162.9	121.5
40°	978.7	654.5	497.5	418.4	361.6	312.3	273.4	239.3	207.5	164.6	123.0
37.5°	1276.3	858.7	596.7	454.5	388.3	334.7	288.7	251.5	211.0	166.4	123.3
35°	1578.4	1125.6	694.0	519.6	420.4	356.5	302.8	263.6	218.7	168.1	122.7
32.5°	1865.1	1383.3	916.9	605.9	451.2	377.6	319.3	275.7	228.6	169.8	121.1
30°	2111.0	1633.7	1137.8	688.2	494.1	403.7	337.6	287.1	240.3	171.4	119.3
27.5°	2334.7	1867.5	1345.4	847.8	565.1	428.8	354.8	297.8	253.8	175.6	119.6
25°	2540.5	2066.9	1545.8	1022.8	631.8	452.8	370.5	308.0	264.4	184.7	119.7
22.5°	2722.4	2244.5	1729.2	1182.2	691.9	476.1	387.3	321.0	272.6	194.3	119.4
20°	2885.5	2405.8	1895.7	1329.3	790.8	525.9	405.5	332.6	279.9	204.3	118.7
17.5°	3032.3	2546.1	2035.8	1468.9	909.0	569.9	422.1	342.7	286.5	214.2	117.6
15°	3175.6	2665.2	2154.8	1592.3	1013.1	608.0	437.0	351.3	292.4	223.9	117.0
12.5°	3296.0	2767.1	2255.1	1699.1	1102.6	640.3	450.1	358.5	297.4	232.5	116.2
10°	3392.6	2851.2	2336.7	1788.3	1177.0	666.5	461.3	363.9	301.2	239.6	113.9
7.5°	3465.5	2917.1	2399.7	1859.6	1235.8	688.2	468.4	367.0	304.3	245.3	110.3
5°	3518.0	2966.7	2445.5	1912.4	1278.4	705.8	472.9	368.6	306.6	249.4	105.6
2.5°	3561.4	3001.5	2474.3	1946.1	1304.3	718.0	475.1	368.8	308.1	251.4	100.2
0°	3582.8	3017.4	2485.2	1960.5	1313.7	724.3	474.9	367.7	308.6	251.3	94.2
-2.5°	3561.4	3001.5	2474.3	1946.1	1304.3	718.0	475.1	368.8	308.1	251.4	100.2
-5°	3518.0	2966.7	2445.5	1912.4	1278.4	705.8	472.9	368.6	306.6	249.4	105.6
-7.5°	3465.5	2917.1	2399.7	1859.6	1235.8	688.2	468.4	367.0	304.3	245.3	110.3
-10°	3392.6	2851.2	2336.7	1788.3	1177.0	666.5	461.3	363.9	301.2	239.6	113.9
-12.5°	3296.0	2767.1	2255.1	1699.1	1102.6	640.3	450.1	358.5	297.4	232.5	116.2
-15°	3175.6	2665.2	2154.8	1592.3	1013.1	608.0	437.0	351.3	292.4	223.9	117.0
-17.5°	3032.3	2546.1	2035.8	1468.9	909.0	569.9	422.1	342.7	286.5	214.2	117.6
-20°	2885.5	2405.8	1895.7	1329.3	790.8	525.9	405.5	332.6	279.9	204.3	118.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2722.4	2244.5	1729.2	1182.2	691.9	476.1	387.3	321.0	272.6	194.3	119.4
-25°	2540.5	2066.9	1545.8	1022.8	631.8	452.8	370.5	308.0	264.4	184.7	119.7
-27.5°	2334.7	1867.5	1345.4	847.8	565.1	428.8	354.8	297.8	253.8	175.6	119.6
-30°	2111.0	1633.7	1137.8	688.2	494.1	403.7	337.6	287.1	240.3	171.4	119.3
-32.5°	1865.1	1383.3	916.9	605.9	451.2	377.6	319.3	275.7	228.6	169.8	121.1
-35°	1578.4	1125.6	694.0	519.6	420.4	356.5	302.8	263.6	218.7	168.1	122.7
-37.5°	1276.3	858.7	596.7	454.5	388.3	334.7	288.7	251.5	211.0	166.4	123.3
-40°	978.7	654.5	497.5	418.4	361.6	312.3	273.4	239.3	207.5	164.6	123.0
-42.5°	688.9	544.5	441.1	381.3	336.5	293.9	257.0	226.6	199.5	162.9	121.5
-45°	568.5	456.4	399.3	353.5	311.4	274.1	242.7	213.9	190.0	160.0	117.8
-47.5°	463.1	409.2	363.7	325.3	288.2	254.4	227.9	202.3	179.7	155.6	111.2
-50°	410.3	367.7	333.2	297.9	263.6	238.1	213.1	189.9	168.4	145.5	103.4
-52.5°	364.6	335.2	302.5	269.8	243.3	221.5	198.2	176.9	157.0	132.4	94.4
-55°	327.3	301.4	270.7	244.4	222.7	203.4	182.4	164.4	145.6	118.1	84.8
-57.5°	288.6	265.3	241.1	219.6	201.4	184.1	168.0	152.0	130.9	103.8	78.3
-60°	250.0	231.0	211.6	195.4	179.9	166.0	154.8	138.2	115.3	90.0	69.9
-62.5°	212.0	197.2	185.3	171.7	158.6	148.8	141.0	121.8	99.7	78.8	60.6
-65°	177.6	168.4	159.2	146.6	136.9	130.5	123.1	105.4	85.2	66.9	51.3
-67.5°	145.9	138.3	128.4	119.8	116.6	112.1	104.9	88.3	70.4	54.6	42.6
-70°	115.1	107.4	102.3	101.4	99.0	93.8	84.4	70.2	55.1	44.5	33.8
-72.5°	85.8	83.7	84.4	84.8	80.1	73.1	63.7	52.7	43.6	34.3	24.9
-75°	56.7	61.8	65.8	65.7	60.3	53.0	46.6	39.9	32.0	24.0	18.9
-77.5°	41.4	45.4	47.8	46.8	41.7	36.8	32.0	27.0	21.7	17.7	13.9
-80°	27.1	28.6	28.7	26.9	23.6	20.5	19.6	18.1	14.9	11.9	8.9
-82.5°	13.1	13.2	13.3	13.1	13.0	12.5	11.7	10.4	8.1	5.9	4.9
-85°	6.8	6.6	6.2	5.6	5.2	4.6	4.7	4.6	4.2	3.8	3.3
-87.5°	2.5	2.4	2.3	2.1	2.2	2.3	2.3	2.3	2.1	1.9	1.7
-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°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
80°	6.0	4.7	3.8	2.9	1.9	1.0	0.0
77.5°	10.2	6.5	4.7	3.6	2.4	1.2	0.0
75°	14.2	9.5	5.9	4.3	2.8	1.4	0.0
72.5°	18.1	12.3	7.8	4.9	3.3	1.7	0.0
70°	22.3	15.1	9.7	5.7	3.8	1.9	0.0
67.5°	29.1	17.7	11.5	6.8	4.2	2.1	0.0
65°	35.5	21.1	13.2	7.9	4.6	2.3	0.0
62.5°	41.4	25.3	14.7	8.9	5.1	2.5	0.0
60°	46.8	29.2	16.2	9.9	5.5	2.7	0.0
57.5°	52.3	32.6	18.5	10.8	6.0	3.0	0.0
55°	57.1	35.7	20.6	11.6	6.6	3.2	0.0
52.5°	61.3	38.5	22.4	12.3	7.1	3.3	0.0
50°	64.8	41.0	24.0	13.0	7.6	3.5	0.0
47.5°	68.0	43.0	25.3	13.7	8.1	3.7	0.0
45°	73.5	44.6	26.3	14.4	8.6	3.9	0.0
42.5°	78.1	45.6	27.1	15.0	9.0	4.1	0.0
40°	81.8	46.1	27.6	15.6	9.4	4.2	0.0
37.5°	84.5	46.1	27.8	16.4	9.8	4.4	0.0
35°	86.3	47.1	27.7	17.1	10.2	4.5	0.0
32.5°	86.7	48.4	27.3	17.8	10.6	4.6	0.0
30°	85.1	49.0	26.6	18.4	10.9	4.8	0.0
27.5°	82.7	49.0	27.3	19.0	11.2	4.9	0.0
25°	79.8	48.4	28.1	19.6	11.5	5.0	0.0
22.5°	76.1	48.4	28.9	20.1	11.8	5.1	0.0
20°	71.9	50.7	29.6	20.5	12.0	5.2	0.0
17.5°	71.2	52.7	30.3	20.9	12.2	5.2	0.0
15°	72.6	54.4	30.9	21.2	12.4	5.3	0.0
12.5°	73.9	55.9	31.5	21.5	12.5	5.4	0.0
10°	75.0	57.0	32.0	21.8	12.7	5.4	0.0
7.5°	75.9	58.0	32.4	22.0	12.8	5.5	0.0
5°	76.7	58.6	32.8	22.1	12.8	5.5	0.0
2.5°	77.3	59.0	33.1	22.2	12.9	5.5	0.0
0°	77.6	59.1	33.3	22.2	12.9	5.5	0.0
-2.5°	77.3	59.0	33.1	22.2	12.9	5.5	0.0
-5°	76.7	58.6	32.8	22.1	12.8	5.5	0.0
-7.5°	75.9	58.0	32.4	22.0	12.8	5.5	0.0
-10°	75.0	57.0	32.0	21.8	12.7	5.4	0.0
-12.5°	73.9	55.9	31.5	21.5	12.5	5.4	0.0
-15°	72.6	54.4	30.9	21.2	12.4	5.3	0.0
-17.5°	71.2	52.7	30.3	20.9	12.2	5.2	0.0
-20°	71.9	50.7	29.6	20.5	12.0	5.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	76.1	48.4	28.9	20.1	11.8	5.1	0.0
-25°	79.8	48.4	28.1	19.6	11.5	5.0	0.0
-27.5°	82.7	49.0	27.3	19.0	11.2	4.9	0.0
-30°	85.1	49.0	26.6	18.4	10.9	4.8	0.0
-32.5°	86.7	48.4	27.3	17.8	10.6	4.6	0.0
-35°	86.3	47.1	27.7	17.1	10.2	4.5	0.0
-37.5°	84.5	46.1	27.8	16.4	9.8	4.4	0.0
-40°	81.8	46.1	27.6	15.6	9.4	4.2	0.0
-42.5°	78.1	45.6	27.1	15.0	9.0	4.1	0.0
-45°	73.5	44.6	26.3	14.4	8.6	3.9	0.0
-47.5°	68.0	43.0	25.3	13.7	8.1	3.7	0.0
-50°	64.8	41.0	24.0	13.0	7.6	3.5	0.0
-52.5°	61.3	38.5	22.4	12.3	7.1	3.3	0.0
-55°	57.1	35.7	20.6	11.6	6.6	3.2	0.0
-57.5°	52.3	32.6	18.5	10.8	6.0	3.0	0.0
-60°	46.8	29.2	16.2	9.9	5.5	2.7	0.0
-62.5°	41.4	25.3	14.7	8.9	5.1	2.5	0.0
-65°	35.5	21.1	13.2	7.9	4.6	2.3	0.0
-67.5°	29.1	17.7	11.5	6.8	4.2	2.1	0.0
-70°	22.3	15.1	9.7	5.7	3.8	1.9	0.0
-72.5°	18.1	12.3	7.8	4.9	3.3	1.7	0.0
-75°	14.2	9.5	5.9	4.3	2.8	1.4	0.0
-77.5°	10.2	6.5	4.7	3.6	2.4	1.2	0.0
-80°	6.0	4.7	3.8	2.9	1.9	1.0	0.0
-82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
-85°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)