

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: P559051 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-930-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559051 (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-930-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (80) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

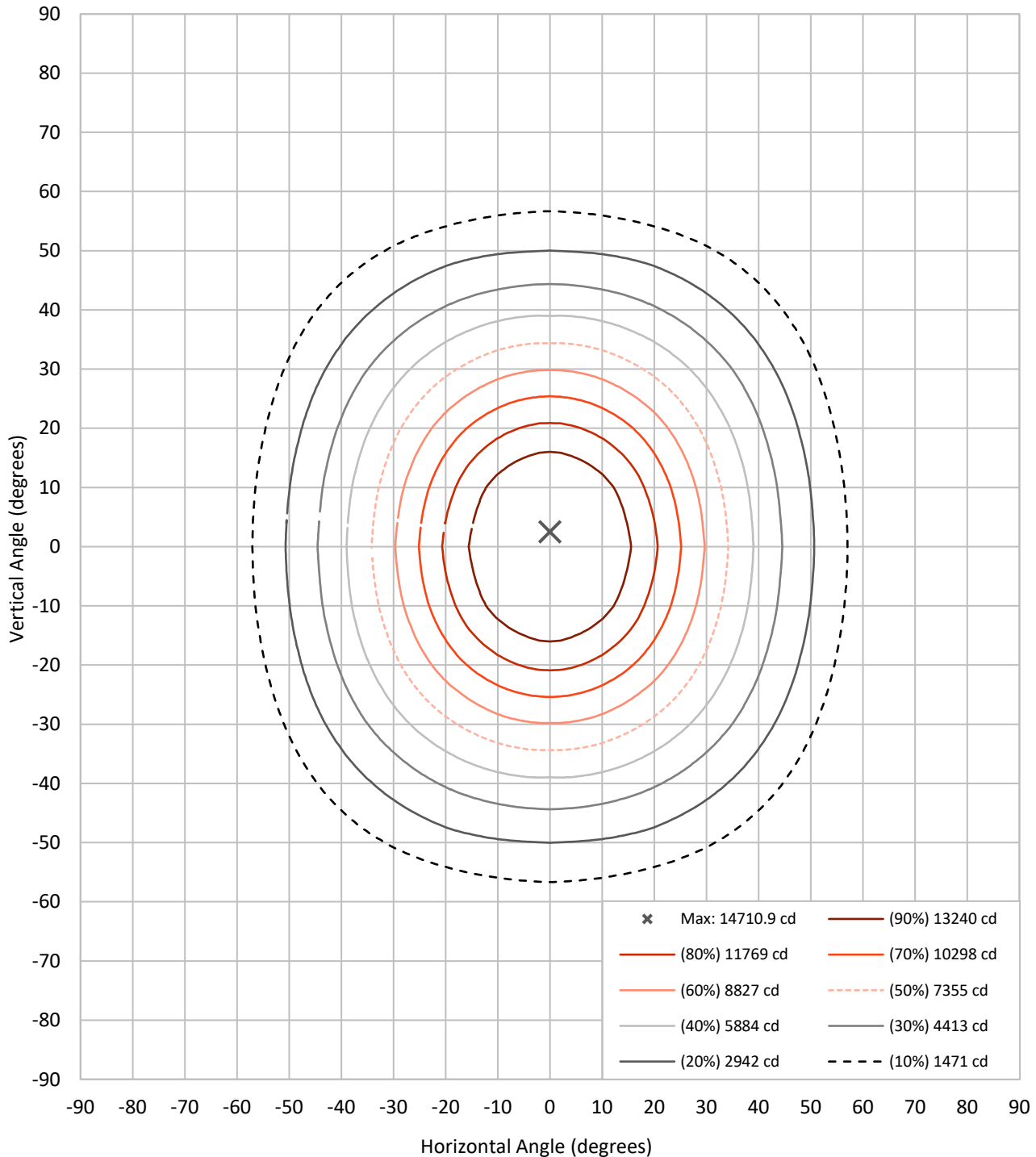
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	19909.9 lumens	Max Intensity:	14710.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	99.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	11937.4 lumens	Field Lumens:	19019.3 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





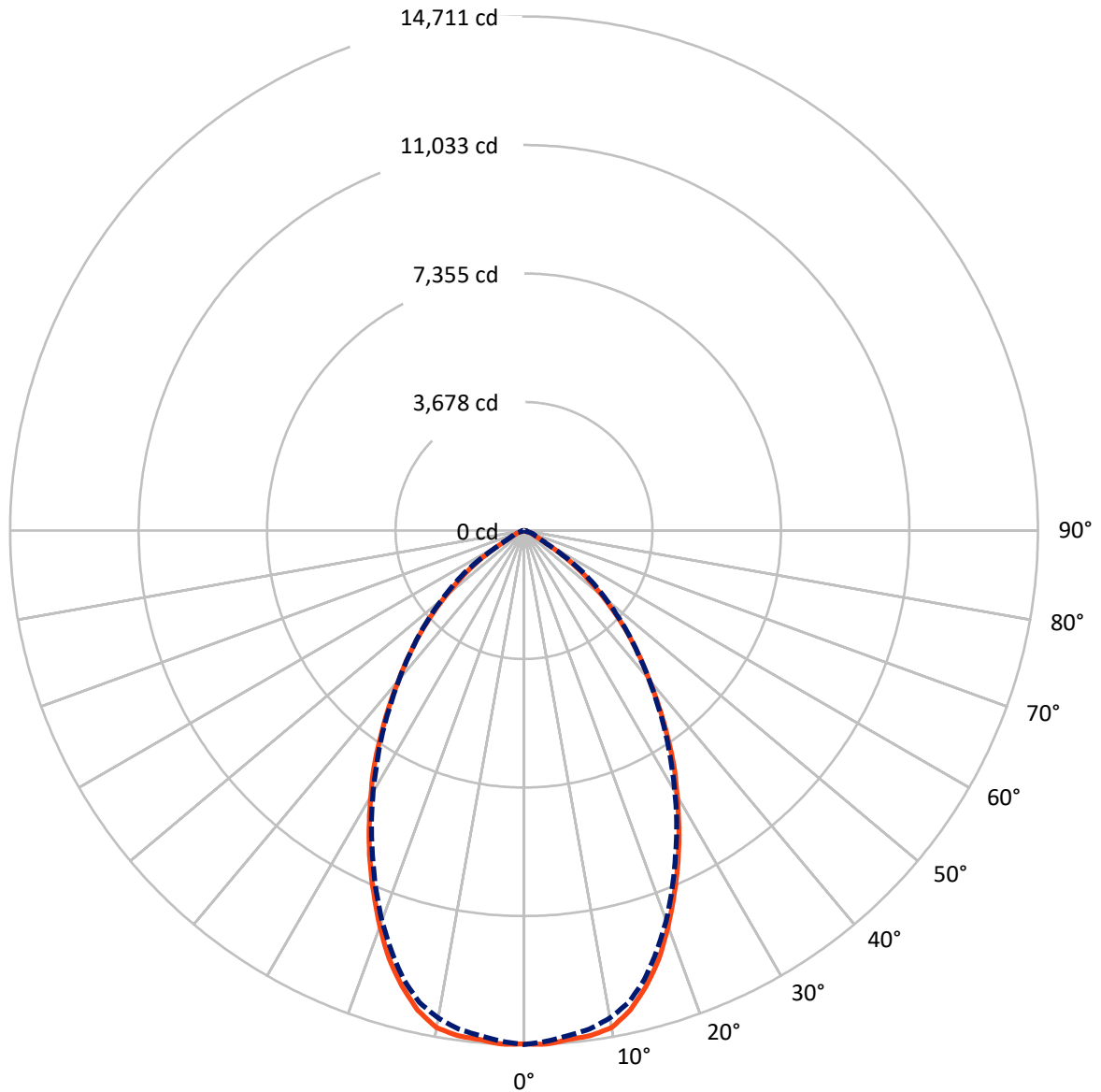
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Lumen Table

90																			
80	0.2	1.9		4.8		8.3		5.9		8.3		4.8		1.9		0.2			
70																			
60	0.9	1.4	2.7	4.2	6.1	8.0	9.9	11.1	11.1	9.9	8.0	6.1	4.2	2.7	1.4	0.9			
50		2.2	4.5	8.0	15.5	29.9	44.9	53.7	53.7	44.9	29.9	15.5	8.0	4.5	2.2				
40	1.6	2.9	6.5	19.1	50.2	83.5	111.0	126.6	126.6	111.0	83.5	50.2	19.1	6.5	2.9	1.6			
30		3.5	11.2	44.0	90.1	140.7	186.4	213.8	213.8	186.4	140.7	90.1	44.0	11.2	3.5				
20	1.7	4.3	20.4	66.5	127.8	200.0	267.4	309.8	309.8	267.4	200.0	127.8	66.5	20.4	4.3	1.7			
10		5.0	29.1	82.7	157.5	250.0	340.5	397.7	397.7	340.5	250.0	157.5	82.7	29.1	5.0				
0	1.8	5.5	33.9	91.5	174.3	279.3	382.4	437.2	437.2	382.4	279.3	174.3	91.5	33.9	5.5	1.8			
-10		5.5	33.9	91.5	174.3	279.3	382.4	437.2	437.2	382.4	279.3	174.3	91.5	33.9	5.5				
-20	1.7	5.0	29.1	82.7	157.5	250.0	340.5	397.7	397.7	340.5	250.0	157.5	82.7	29.1	5.0	1.7			
-30		4.3	20.4	66.5	127.8	200.0	267.4	309.8	309.8	267.4	200.0	127.8	66.5	20.4	4.3				
-40	1.6	3.5	11.2	44.0	90.1	140.7	186.4	213.8	213.8	186.4	140.7	90.1	44.0	11.2	3.5	1.6			
-50		2.9	6.5	19.1	50.2	83.5	111.0	126.6	126.6	111.0	83.5	50.2	19.1	6.5	2.9				
-60	0.9	2.2	4.5	8.0	15.5	29.9	44.9	53.7	53.7	44.9	29.9	15.5	8.0	4.5	2.2	0.9			
-70		1.4	2.7	4.2	6.1	8.0	9.9	11.1	11.1	9.9	8.0	6.1	4.2	2.7	1.4				
-80	0.2	1.9		4.8		8.3		5.9		8.3		4.8		1.9		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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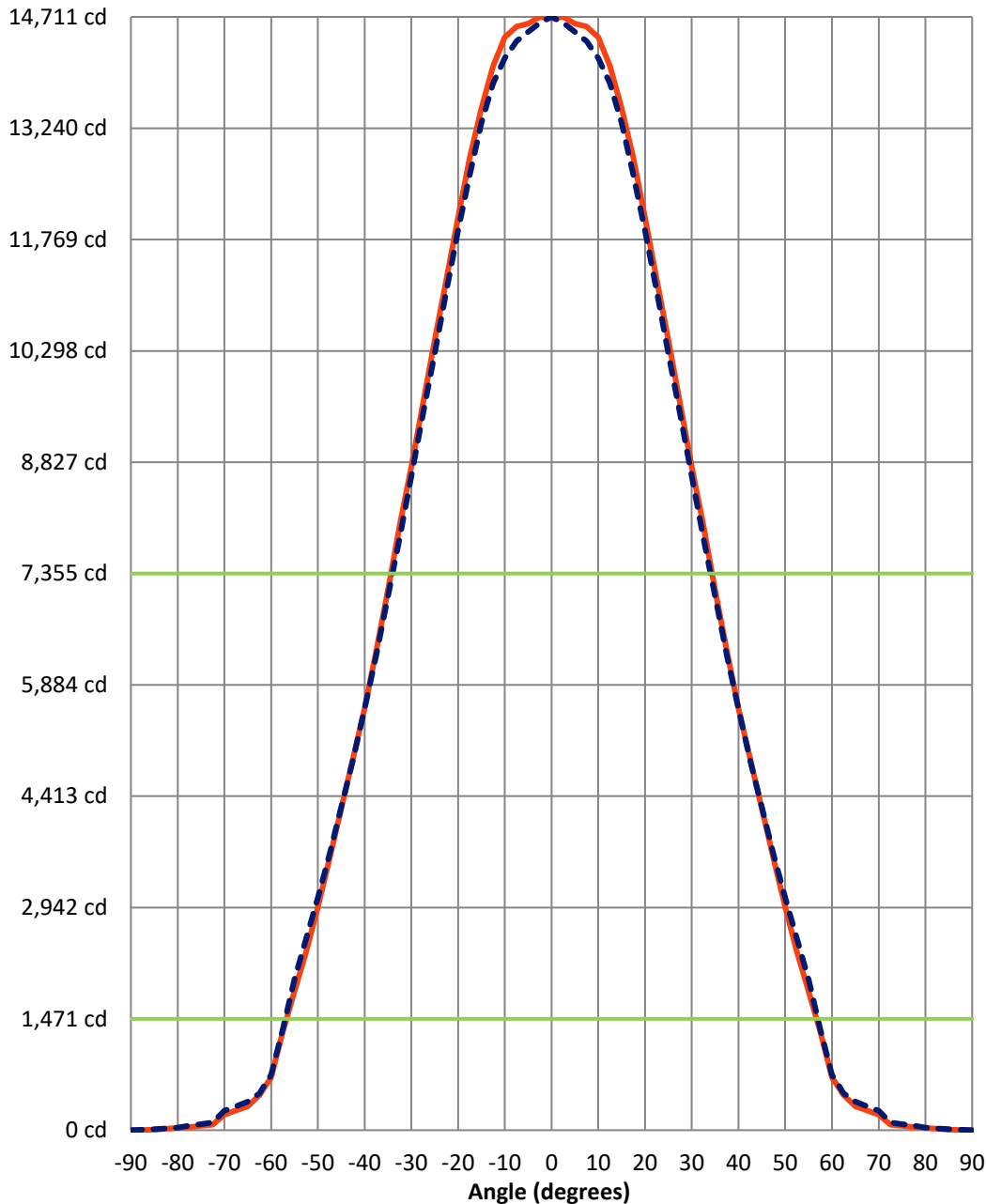
Luminous Intensity Polar Plot



— 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: 11937.4
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 19019.3
Efficiency: 95.5%

Spill:
Lumens: 890.6
Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-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	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
85°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.8
82.5°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.1	6.1	8.4	10.7
80°	0.0	1.0	2.0	3.0	3.9	4.9	6.2	9.1	12.2	15.3	18.6
77.5°	0.0	1.2	2.5	3.7	4.9	6.8	10.4	14.3	18.2	22.2	27.7
75°	0.0	1.5	2.9	4.4	6.1	9.7	14.6	19.3	24.5	32.8	40.9
72.5°	0.0	1.7	3.4	5.1	8.0	12.6	18.6	25.4	35.1	44.6	54.0
70°	0.0	1.9	3.9	5.9	9.9	15.4	22.8	34.6	45.5	56.4	71.8
67.5°	0.0	2.2	4.4	7.1	11.7	18.1	29.8	43.6	55.8	72.1	90.3
65°	0.0	2.4	4.8	8.1	13.5	21.6	36.3	52.4	68.5	87.2	107.9
62.5°	0.0	2.6	5.3	9.2	15.1	25.9	42.3	62.0	80.6	102.0	124.6
60°	0.0	2.8	5.7	10.1	16.6	29.8	47.9	71.5	92.2	118.0	141.4
57.5°	0.0	3.1	6.3	11.0	18.9	33.4	53.4	80.1	106.2	133.9	155.5
55°	0.0	3.3	6.8	11.9	21.1	36.5	58.4	86.8	120.9	149.0	168.3
52.5°	0.0	3.5	7.3	12.6	22.9	39.3	62.7	96.6	135.5	160.7	181.0
50°	0.0	3.7	7.8	13.3	24.5	41.9	66.3	105.8	148.9	172.4	194.4
47.5°	0.0	3.9	8.3	14.0	25.9	44.0	69.6	113.8	159.3	183.9	207.1
45°	0.0	4.0	8.8	14.7	26.9	45.6	75.2	120.6	163.8	194.5	219.0
42.5°	0.0	4.2	9.3	15.3	27.7	46.6	79.9	124.4	166.7	204.2	232.0
40°	0.0	4.4	9.7	16.0	28.2	47.1	83.7	125.8	168.5	212.4	244.9
37.5°	0.0	4.5	10.1	16.8	28.4	47.1	86.5	126.2	170.3	216.0	257.4
35°	0.0	4.7	10.5	17.5	28.3	48.2	88.3	125.5	172.1	223.9	269.8
32.5°	0.0	4.8	10.8	18.2	27.9	49.5	88.7	123.9	173.8	234.0	282.2
30°	0.0	4.9	11.2	18.9	27.2	50.1	87.0	122.0	175.5	246.0	293.9
27.5°	0.0	5.1	11.5	19.5	27.9	50.2	84.7	122.4	179.8	259.8	304.8
25°	0.0	5.2	11.8	20.0	28.7	49.6	81.6	122.5	189.1	270.7	315.2
22.5°	0.0	5.3	12.1	20.5	29.5	49.6	77.9	122.2	198.9	279.0	328.5
20°	0.0	5.4	12.3	21.0	30.3	51.9	73.6	121.5	209.1	286.5	340.3
17.5°	0.0	5.4	12.5	21.4	31.0	53.9	72.8	120.4	219.3	293.3	350.7
15°	0.0	5.5	12.7	21.7	31.6	55.7	74.3	119.8	229.2	299.2	359.5
12.5°	0.0	5.6	12.8	22.0	32.2	57.2	75.6	119.0	238.0	304.3	366.9
10°	0.0	5.6	13.0	22.3	32.7	58.4	76.7	116.6	245.3	308.3	372.4
7.5°	0.0	5.7	13.1	22.5	33.1	59.3	77.7	112.9	251.1	311.4	375.6
5°	0.0	5.7	13.1	22.6	33.5	60.0	78.5	108.1	255.2	313.8	377.2
2.5°	0.0	5.7	13.2	22.7	33.8	60.4	79.0	102.5	257.4	315.3	377.4
0°	0.0	5.7	13.2	22.7	34.0	60.5	79.4	96.4	257.2	315.8	376.3
-2.5°	0.0	5.7	13.2	22.7	33.8	60.4	79.0	102.5	257.4	315.3	377.4
-5°	0.0	5.7	13.1	22.6	33.5	60.0	78.5	108.1	255.2	313.8	377.2
-7.5°	0.0	5.7	13.1	22.5	33.1	59.3	77.7	112.9	251.1	311.4	375.6
-10°	0.0	5.6	13.0	22.3	32.7	58.4	76.7	116.6	245.3	308.3	372.4
-12.5°	0.0	5.6	12.8	22.0	32.2	57.2	75.6	119.0	238.0	304.3	366.9
-15°	0.0	5.5	12.7	21.7	31.6	55.7	74.3	119.8	229.2	299.2	359.5
-17.5°	0.0	5.4	12.5	21.4	31.0	53.9	72.8	120.4	219.3	293.3	350.7
-20°	0.0	5.4	12.3	21.0	30.3	51.9	73.6	121.5	209.1	286.5	340.3



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 CATALOG NUMBER: GFLD-SA5C-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.3	12.1	20.5	29.5	49.6	77.9	122.2	198.9	279.0	328.5
-25°	0.0	5.2	11.8	20.0	28.7	49.6	81.6	122.5	189.1	270.7	315.2
-27.5°	0.0	5.1	11.5	19.5	27.9	50.2	84.7	122.4	179.8	259.8	304.8
-30°	0.0	4.9	11.2	18.9	27.2	50.1	87.0	122.0	175.5	246.0	293.9
-32.5°	0.0	4.8	10.8	18.2	27.9	49.5	88.7	123.9	173.8	234.0	282.2
-35°	0.0	4.7	10.5	17.5	28.3	48.2	88.3	125.5	172.1	223.9	269.8
-37.5°	0.0	4.5	10.1	16.8	28.4	47.1	86.5	126.2	170.3	216.0	257.4
-40°	0.0	4.4	9.7	16.0	28.2	47.1	83.7	125.8	168.5	212.4	244.9
-42.5°	0.0	4.2	9.3	15.3	27.7	46.6	79.9	124.4	166.7	204.2	232.0
-45°	0.0	4.0	8.8	14.7	26.9	45.6	75.2	120.6	163.8	194.5	219.0
-47.5°	0.0	3.9	8.3	14.0	25.9	44.0	69.6	113.8	159.3	183.9	207.1
-50°	0.0	3.7	7.8	13.3	24.5	41.9	66.3	105.8	148.9	172.4	194.4
-52.5°	0.0	3.5	7.3	12.6	22.9	39.3	62.7	96.6	135.5	160.7	181.0
-55°	0.0	3.3	6.8	11.9	21.1	36.5	58.4	86.8	120.9	149.0	168.3
-57.5°	0.0	3.1	6.3	11.0	18.9	33.4	53.4	80.1	106.2	133.9	155.5
-60°	0.0	2.8	5.7	10.1	16.6	29.8	47.9	71.5	92.2	118.0	141.4
-62.5°	0.0	2.6	5.3	9.2	15.1	25.9	42.3	62.0	80.6	102.0	124.6
-65°	0.0	2.4	4.8	8.1	13.5	21.6	36.3	52.4	68.5	87.2	107.9
-67.5°	0.0	2.2	4.4	7.1	11.7	18.1	29.8	43.6	55.8	72.1	90.3
-70°	0.0	1.9	3.9	5.9	9.9	15.4	22.8	34.6	45.5	56.4	71.8
-72.5°	0.0	1.7	3.4	5.1	8.0	12.6	18.6	25.4	35.1	44.6	54.0
-75°	0.0	1.5	2.9	4.4	6.1	9.7	14.6	19.3	24.5	32.8	40.9
-77.5°	0.0	1.2	2.5	3.7	4.9	6.8	10.4	14.3	18.2	22.2	27.7
-80°	0.0	1.0	2.0	3.0	3.9	4.9	6.2	9.1	12.2	15.3	18.6
-82.5°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.1	6.1	8.4	10.7
-85°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.8
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
-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):

	-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°	2.4	2.4	2.3	2.2	2.3	2.4	2.6	2.7	2.5	2.2	1.9
85°	4.8	4.8	5.4	5.8	6.4	6.8	6.9	6.9	7.8	8.8	10.1
82.5°	12.0	12.8	13.3	13.4	13.6	13.5	13.4	13.3	16.4	20.4	24.8
80°	20.1	21.0	24.1	27.6	29.4	29.3	27.8	24.8	29.4	36.7	45.5
77.5°	32.8	37.7	42.7	48.0	49.0	46.5	42.4	36.8	43.3	56.4	71.1
75°	47.7	54.3	61.7	67.3	67.4	63.3	58.0	56.9	68.0	83.7	96.7
72.5°	65.2	74.8	82.0	86.8	86.4	85.7	87.8	92.5	101.5	113.1	123.1
70°	86.4	96.0	101.3	103.8	104.7	110.0	117.8	123.7	130.2	141.5	152.0
67.5°	107.4	114.7	119.4	122.6	131.4	141.5	149.3	156.5	164.5	176.1	185.7
65°	126.0	133.6	140.2	150.0	162.9	172.4	181.7	191.4	205.2	218.2	226.1
62.5°	144.3	152.3	162.4	175.7	189.7	201.8	217.0	234.2	252.1	265.5	280.8
60°	158.5	169.9	184.1	200.0	216.6	236.4	255.9	276.0	294.4	312.3	334.8
57.5°	172.0	188.4	206.2	224.8	246.8	271.5	295.3	317.0	340.1	365.1	390.5
55°	186.7	208.3	228.0	250.2	277.0	308.4	334.9	360.6	388.3	430.3	466.9
52.5°	202.9	226.7	249.0	276.2	309.5	343.0	373.2	409.2	455.5	517.8	618.9
50°	218.2	243.7	269.8	304.9	341.0	376.3	419.9	470.1	562.8	679.0	882.5
47.5°	233.4	260.4	295.0	332.9	372.2	418.8	474.0	583.7	710.0	999.5	1288.0
45°	248.4	280.6	318.7	361.8	408.7	467.1	581.8	717.1	1060.9	1393.9	1740.7
42.5°	263.1	300.8	344.4	390.3	451.5	557.2	705.1	1062.4	1434.6	1817.0	2149.9
40°	279.8	319.6	370.1	428.3	509.2	669.8	1001.6	1403.9	1823.5	2184.7	2508.6
37.5°	295.5	342.6	397.5	465.2	610.7	878.8	1306.3	1752.5	2158.7	2511.7	2857.7
35°	309.9	364.9	430.3	531.8	710.2	1152.0	1615.4	2069.1	2457.4	2834.3	3212.8
32.5°	326.8	386.4	461.8	620.1	938.4	1415.7	1908.9	2341.2	2747.8	3149.8	3582.1
30°	345.5	413.2	505.7	704.4	1164.4	1672.0	2160.6	2602.1	3023.8	3470.2	3933.2
27.5°	363.2	438.9	578.4	867.7	1376.9	1911.3	2389.5	2844.0	3296.6	3771.9	4270.4
25°	379.2	463.4	646.7	1046.8	1582.1	2115.5	2600.2	3062.7	3551.4	4068.0	4592.5
22.5°	396.4	487.2	708.2	1209.8	1769.8	2297.2	2786.3	3276.6	3793.9	4341.4	4888.5
20°	415.0	538.2	809.4	1360.5	1940.3	2462.3	2953.3	3475.4	4020.8	4587.8	5165.8
17.5°	432.0	583.3	930.3	1503.3	2083.7	2605.9	3103.5	3655.4	4218.1	4810.9	5419.6
15°	447.3	622.3	1036.9	1629.7	2205.4	2727.8	3250.1	3815.2	4393.5	5010.9	5643.2
12.5°	460.7	655.3	1128.5	1738.9	2308.0	2832.1	3373.3	3950.0	4549.8	5185.8	5844.6
10°	472.1	682.2	1204.6	1830.3	2391.6	2918.2	3472.2	4062.2	4674.2	5326.6	6007.1
7.5°	479.4	704.4	1264.9	1903.3	2456.0	2985.5	3546.8	4150.5	4765.2	5436.5	6129.9
5°	484.0	722.4	1308.4	1957.2	2502.9	3036.3	3600.6	4214.0	4823.6	5513.6	6212.6
2.5°	486.2	734.9	1335.0	1991.8	2532.3	3072.0	3645.0	4269.7	4885.0	5568.5	6276.5
0°	486.0	741.3	1344.6	2006.5	2543.5	3088.2	3666.9	4298.5	4924.4	5592.0	6320.1
-2.5°	486.2	734.9	1335.0	1991.8	2532.3	3072.0	3645.0	4269.7	4885.0	5568.5	6276.5
-5°	484.0	722.4	1308.4	1957.2	2502.9	3036.3	3600.6	4214.0	4823.6	5513.6	6212.6
-7.5°	479.4	704.4	1264.9	1903.3	2456.0	2985.5	3546.8	4150.5	4765.2	5436.5	6129.9
-10°	472.1	682.2	1204.6	1830.3	2391.6	2918.2	3472.2	4062.2	4674.2	5326.6	6007.1
-12.5°	460.7	655.3	1128.5	1738.9	2308.0	2832.1	3373.3	3950.0	4549.8	5185.8	5844.6
-15°	447.3	622.3	1036.9	1629.7	2205.4	2727.8	3250.1	3815.2	4393.5	5010.9	5643.2
-17.5°	432.0	583.3	930.3	1503.3	2083.7	2605.9	3103.5	3655.4	4218.1	4810.9	5419.6
-20°	415.0	538.2	809.4	1360.5	1940.3	2462.3	2953.3	3475.4	4020.8	4587.8	5165.8



REPORT NUMBER: P559051 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-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°	396.4	487.2	708.2	1209.8	1769.8	2297.2	2786.3	3276.6	3793.9	4341.4	4888.5
-25°	379.2	463.4	646.7	1046.8	1582.1	2115.5	2600.2	3062.7	3551.4	4068.0	4592.5
-27.5°	363.2	438.9	578.4	867.7	1376.9	1911.3	2389.5	2844.0	3296.6	3771.9	4270.4
-30°	345.5	413.2	505.7	704.4	1164.4	1672.0	2160.6	2602.1	3023.8	3470.2	3933.2
-32.5°	326.8	386.4	461.8	620.1	938.4	1415.7	1908.9	2341.2	2747.8	3149.8	3582.1
-35°	309.9	364.9	430.3	531.8	710.2	1152.0	1615.4	2069.1	2457.4	2834.3	3212.8
-37.5°	295.5	342.6	397.5	465.2	610.7	878.8	1306.3	1752.5	2158.7	2511.7	2857.7
-40°	279.8	319.6	370.1	428.3	509.2	669.8	1001.6	1403.9	1823.5	2184.7	2508.6
-42.5°	263.1	300.8	344.4	390.3	451.5	557.2	705.1	1062.4	1434.6	1817.0	2149.9
-45°	248.4	280.6	318.7	361.8	408.7	467.1	581.8	717.1	1060.9	1393.9	1740.7
-47.5°	233.4	260.4	295.0	332.9	372.2	418.8	474.0	583.7	710.0	999.5	1288.0
-50°	218.2	243.7	269.8	304.9	341.0	376.3	419.9	470.1	562.8	679.0	882.5
-52.5°	202.9	226.7	249.0	276.2	309.5	343.0	373.2	409.2	455.5	517.8	618.9
-55°	186.7	208.3	228.0	250.2	277.0	308.4	334.9	360.6	388.3	430.3	466.9
-57.5°	172.0	188.4	206.2	224.8	246.8	271.5	295.3	317.0	340.1	365.1	390.5
-60°	158.5	169.9	184.1	200.0	216.6	236.4	255.9	276.0	294.4	312.3	334.8
-62.5°	144.3	152.3	162.4	175.7	189.7	201.8	217.0	234.2	252.1	265.5	280.8
-65°	126.0	133.6	140.2	150.0	162.9	172.4	181.7	191.4	205.2	218.2	226.1
-67.5°	107.4	114.7	119.4	122.6	131.4	141.5	149.3	156.5	164.5	176.1	185.7
-70°	86.4	96.0	101.3	103.8	104.7	110.0	117.8	123.7	130.2	141.5	152.0
-72.5°	65.2	74.8	82.0	86.8	86.4	85.7	87.8	92.5	101.5	113.1	123.1
-75°	47.7	54.3	61.7	67.3	67.4	63.3	58.0	56.9	68.0	83.7	96.7
-77.5°	32.8	37.7	42.7	48.0	49.0	46.5	42.4	36.8	43.3	56.4	71.1
-80°	20.1	21.0	24.1	27.6	29.4	29.3	27.8	24.8	29.4	36.7	45.5
-82.5°	12.0	12.8	13.3	13.4	13.6	13.5	13.4	13.3	16.4	20.4	24.8
-85°	4.8	4.8	5.4	5.8	6.4	6.8	6.9	6.9	7.8	8.8	10.1
-87.5°	2.4	2.4	2.3	2.2	2.3	2.4	2.6	2.7	2.5	2.2	1.9
-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: P559051 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-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°	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9
85°	11.5	11.3	10.9	10.3	9.6	9.9	10.2	10.4	10.7	10.0	9.2
82.5°	29.7	31.8	33.9	36.1	38.5	38.1	37.0	35.5	33.5	29.9	25.8
80°	55.6	60.8	64.3	67.1	69.2	67.1	63.9	60.1	55.9	49.7	42.9
77.5°	86.3	91.5	94.3	97.5	101.1	101.8	102.0	102.4	102.8	91.2	76.5
75°	107.2	114.1	119.7	124.8	129.2	131.4	132.9	134.3	135.6	120.3	100.1
72.5°	131.7	138.4	143.8	149.3	154.1	157.8	160.7	163.0	164.9	152.4	134.8
70°	160.4	167.2	173.4	179.0	184.5	189.5	194.0	198.2	202.0	202.7	203.6
67.5°	192.9	196.9	204.3	211.4	219.9	226.1	233.0	239.5	245.4	250.5	254.8
65°	233.0	247.3	261.8	268.9	269.4	278.5	292.6	300.4	302.7	304.5	309.0
62.5°	300.4	318.9	328.6	341.2	358.6	377.6	384.8	395.2	407.9	422.3	435.3
60°	353.9	369.6	393.0	416.8	438.0	457.2	503.8	545.2	580.7	611.2	640.6
57.5°	420.4	446.2	482.0	546.5	605.4	658.7	749.9	861.1	960.3	1047.1	1123.3
55°	526.2	601.6	669.5	821.7	984.2	1125.0	1256.7	1397.6	1512.3	1602.0	1685.0
52.5°	706.9	914.1	1124.2	1321.8	1516.0	1692.9	1851.6	1976.5	2074.0	2147.1	2216.4
50°	1131.6	1381.4	1637.3	1873.0	2063.8	2238.1	2403.3	2527.2	2630.9	2720.1	2799.1
47.5°	1594.6	1887.0	2128.8	2346.2	2551.9	2745.3	2926.0	3076.8	3204.5	3322.2	3420.3
45°	2055.4	2316.9	2564.9	2798.0	3021.8	3238.7	3433.1	3604.6	3773.6	3913.1	4023.6
42.5°	2445.0	2721.9	2985.7	3252.5	3502.7	3746.0	3980.8	4189.4	4368.9	4521.4	4644.2
40°	2819.0	3117.5	3430.8	3727.1	4024.2	4301.8	4561.9	4800.0	5004.4	5185.1	5338.0
37.5°	3199.6	3548.2	3892.4	4230.0	4557.4	4859.3	5157.9	5432.6	5672.1	5883.5	6061.0
35°	3601.4	3985.5	4360.0	4740.4	5098.0	5447.3	5777.4	6079.8	6345.0	6594.0	6808.0
32.5°	4003.8	4420.0	4841.7	5253.4	5649.4	6040.7	6402.6	6743.5	7057.1	7332.7	7561.2
30°	4395.6	4853.9	5305.1	5753.5	6205.6	6631.8	7032.8	7407.2	7747.4	8047.7	8307.3
27.5°	4771.6	5264.2	5748.2	6261.1	6752.3	7216.0	7651.6	8054.1	8433.9	8775.3	9070.0
25°	5119.5	5642.8	6206.9	6744.8	7270.5	7784.7	8262.0	8699.2	9133.4	9509.1	9829.1
22.5°	5448.2	6032.1	6626.1	7190.3	7770.2	8335.7	8869.9	9376.6	9840.4	10234.0	10575.2
20°	5760.7	6389.1	7001.1	7625.8	8253.8	8863.9	9452.1	9993.7	10483.7	10912.7	11297.4
17.5°	6056.0	6706.2	7356.6	8023.5	8701.8	9343.1	9966.4	10555.6	11090.5	11566.4	12000.2
15°	6311.3	6983.3	7679.6	8388.5	9097.9	9779.9	10441.3	11083.1	11685.0	12203.0	12640.5
12.5°	6528.3	7228.3	7964.9	8708.7	9456.5	10171.4	10872.5	11559.2	12199.0	12756.0	13205.1
10°	6708.3	7441.7	8211.2	8985.9	9752.9	10495.7	11224.8	11935.4	12622.6	13199.8	13661.1
7.5°	6858.4	7619.9	8407.1	9205.2	9979.1	10750.5	11510.9	12228.7	12905.7	13514.4	13988.6
5°	6970.4	7744.7	8548.5	9366.5	10152.3	10951.2	11734.2	12468.8	13139.1	13690.7	14077.7
2.5°	7053.8	7822.3	8640.3	9463.7	10259.9	11087.7	11887.4	12622.7	13308.7	13830.8	14165.9
0°	7110.6	7865.1	8723.7	9531.2	10340.6	11189.7	11980.2	12723.4	13411.7	13922.3	14268.4
-2.5°	7053.8	7822.3	8640.3	9463.7	10259.9	11087.7	11887.4	12622.7	13308.7	13830.8	14165.9
-5°	6970.4	7744.7	8548.5	9366.5	10152.3	10951.2	11734.2	12468.8	13139.1	13690.7	14077.7
-7.5°	6858.4	7619.9	8407.1	9205.2	9979.1	10750.5	11510.9	12228.7	12905.7	13514.4	13988.6
-10°	6708.3	7441.7	8211.2	8985.9	9752.9	10495.7	11224.8	11935.4	12622.6	13199.8	13661.1
-12.5°	6528.3	7228.3	7964.9	8708.7	9456.5	10171.4	10872.5	11559.2	12199.0	12756.0	13205.1
-15°	6311.3	6983.3	7679.6	8388.5	9097.9	9779.9	10441.3	11083.1	11685.0	12203.0	12640.5
-17.5°	6056.0	6706.2	7356.6	8023.5	8701.8	9343.1	9966.4	10555.6	11090.5	11566.4	12000.2
-20°	5760.7	6389.1	7001.1	7625.8	8253.8	8863.9	9452.1	9993.7	10483.7	10912.7	11297.4



REPORT NUMBER: P559051 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5448.2	6032.1	6626.1	7190.3	7770.2	8335.7	8869.9	9376.6	9840.4	10234.0	10575.2
-25°	5119.5	5642.8	6206.9	6744.8	7270.5	7784.7	8262.0	8699.2	9133.4	9509.1	9829.1
-27.5°	4771.6	5264.2	5748.2	6261.1	6752.3	7216.0	7651.6	8054.1	8433.9	8775.3	9070.0
-30°	4395.6	4853.9	5305.1	5753.5	6205.6	6631.8	7032.8	7407.2	7747.4	8047.7	8307.3
-32.5°	4003.8	4420.0	4841.7	5253.4	5649.4	6040.7	6402.6	6743.5	7057.1	7332.7	7561.2
-35°	3601.4	3985.5	4360.0	4740.4	5098.0	5447.3	5777.4	6079.8	6345.0	6594.0	6808.0
-37.5°	3199.6	3548.2	3892.4	4230.0	4557.4	4859.3	5157.9	5432.6	5672.1	5883.5	6061.0
-40°	2819.0	3117.5	3430.8	3727.1	4024.2	4301.8	4561.9	4800.0	5004.4	5185.1	5338.0
-42.5°	2445.0	2721.9	2985.7	3252.5	3502.7	3746.0	3980.8	4189.4	4368.9	4521.4	4644.2
-45°	2055.4	2316.9	2564.9	2798.0	3021.8	3238.7	3433.1	3604.6	3773.6	3913.1	4023.6
-47.5°	1594.6	1887.0	2128.8	2346.2	2551.9	2745.3	2926.0	3076.8	3204.5	3322.2	3420.3
-50°	1131.6	1381.4	1637.3	1873.0	2063.8	2238.1	2403.3	2527.2	2630.9	2720.1	2799.1
-52.5°	706.9	914.1	1124.2	1321.8	1516.0	1692.9	1851.6	1976.5	2074.0	2147.1	2216.4
-55°	526.2	601.6	669.5	821.7	984.2	1125.0	1256.7	1397.6	1512.3	1602.0	1685.0
-57.5°	420.4	446.2	482.0	546.5	605.4	658.7	749.9	861.1	960.3	1047.1	1123.3
-60°	353.9	369.6	393.0	416.8	438.0	457.2	503.8	545.2	580.7	611.2	640.6
-62.5°	300.4	318.9	328.6	341.2	358.6	377.6	384.8	395.2	407.9	422.3	435.3
-65°	233.0	247.3	261.8	268.9	269.4	278.5	292.6	300.4	302.7	304.5	309.0
-67.5°	192.9	196.9	204.3	211.4	219.9	226.1	233.0	239.5	245.4	250.5	254.8
-70°	160.4	167.2	173.4	179.0	184.5	189.5	194.0	198.2	202.0	202.7	203.6
-72.5°	131.7	138.4	143.8	149.3	154.1	157.8	160.7	163.0	164.9	152.4	134.8
-75°	107.2	114.1	119.7	124.8	129.2	131.4	132.9	134.3	135.6	120.3	100.1
-77.5°	86.3	91.5	94.3	97.5	101.1	101.8	102.0	102.4	102.8	91.2	76.5
-80°	55.6	60.8	64.3	67.1	69.2	67.1	63.9	60.1	55.9	49.7	42.9
-82.5°	29.7	31.8	33.9	36.1	38.5	38.1	37.0	35.5	33.5	29.9	25.8
-85°	11.5	11.3	10.9	10.3	9.6	9.9	10.2	10.4	10.7	10.0	9.2
-87.5°	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9
-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: P559051 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
85°	8.4	7.6	7.6	7.6	7.6	7.6	8.4	9.2	10.0	10.7	10.4
82.5°	21.5	17.0	17.9	18.9	17.9	17.0	21.5	25.8	29.9	33.5	35.5
80°	35.8	28.5	29.3	30.3	29.3	28.5	35.8	42.9	49.7	55.9	60.1
77.5°	60.7	44.0	42.5	41.6	42.5	44.0	60.7	76.5	91.2	102.8	102.4
75°	79.3	57.9	56.6	56.7	56.6	57.9	79.3	100.1	120.3	135.6	134.3
72.5°	117.0	98.9	86.4	73.8	86.4	98.9	117.0	134.8	152.4	164.9	163.0
70°	205.8	208.3	207.3	204.2	207.3	208.3	205.8	203.6	202.7	202.0	198.2
67.5°	258.3	261.0	261.5	261.0	261.5	261.0	258.3	254.8	250.5	245.4	239.5
65°	312.0	313.8	315.3	315.8	315.3	313.8	312.0	309.0	304.5	302.7	300.4
62.5°	445.0	451.5	458.4	463.3	458.4	451.5	445.0	435.3	422.3	407.9	395.2
60°	666.3	687.5	697.0	697.8	697.0	687.5	666.3	640.6	611.2	580.7	545.2
57.5°	1184.4	1230.0	1270.7	1301.1	1270.7	1230.0	1184.4	1123.3	1047.1	960.3	861.1
55°	1751.1	1799.6	1827.0	1834.4	1827.0	1799.6	1751.1	1685.0	1602.0	1512.3	1397.6
52.5°	2269.0	2301.3	2331.9	2358.2	2331.9	2301.3	2269.0	2216.4	2147.1	2074.0	1976.5
50°	2858.7	2894.7	2925.0	2948.2	2925.0	2894.7	2858.7	2799.1	2720.1	2630.9	2527.2
47.5°	3489.1	3533.2	3565.6	3587.4	3565.6	3533.2	3489.1	3420.3	3322.2	3204.5	3076.8
45°	4118.1	4193.6	4239.4	4247.4	4239.4	4193.6	4118.1	4023.6	3913.1	3773.6	3604.6
42.5°	4750.4	4822.7	4871.4	4907.4	4871.4	4822.7	4750.4	4644.2	4521.4	4368.9	4189.4
40°	5465.4	5556.2	5597.7	5571.2	5597.7	5556.2	5465.4	5338.0	5185.1	5004.4	4800.0
37.5°	6197.9	6291.2	6339.3	6337.1	6339.3	6291.2	6197.9	6061.0	5883.5	5672.1	5432.6
35°	6974.5	7090.2	7152.8	7137.0	7152.8	7090.2	6974.5	6808.0	6594.0	6345.0	6079.8
32.5°	7743.8	7883.7	7974.0	7988.0	7974.0	7883.7	7743.8	7561.2	7332.7	7057.1	6743.5
30°	8515.5	8666.7	8756.5	8765.3	8756.5	8666.7	8515.5	8307.3	8047.7	7747.4	7407.2
27.5°	9317.4	9486.5	9580.6	9603.0	9580.6	9486.5	9317.4	9070.0	8775.3	8433.9	8054.1
25°	10101.9	10289.7	10397.5	10438.9	10397.5	10289.7	10101.9	9829.1	9509.1	9133.4	8699.2
22.5°	10858.4	11064.3	11204.9	11240.7	11204.9	11064.3	10858.4	10575.2	10234.0	9840.4	9376.6
20°	11617.2	11860.1	12040.0	12057.7	12040.0	11860.1	11617.2	11297.4	10912.7	10483.7	9993.7
17.5°	12347.8	12610.6	12803.1	12850.1	12803.1	12610.6	12347.8	12000.2	11566.4	11090.5	10555.6
15°	13001.8	13277.7	13463.5	13504.4	13463.5	13277.7	13001.8	12640.5	12203.0	11685.0	11083.1
12.5°	13566.2	13820.6	13994.0	14060.4	13994.0	13820.6	13566.2	13205.1	12756.0	12199.0	11559.2
10°	14020.9	14217.3	14372.4	14442.4	14372.4	14217.3	14020.9	13661.1	13199.8	12622.6	11935.4
7.5°	14274.7	14436.3	14543.7	14582.3	14543.7	14436.3	14274.7	13988.6	13514.4	12905.7	12228.7
5°	14375.0	14529.9	14588.1	14622.0	14588.1	14529.9	14375.0	14077.7	13690.7	13139.1	12468.8
2.5°	14388.7	14512.7	14632.3	14710.9	14632.3	14512.7	14388.7	14165.9	13830.8	13308.7	12622.7
0°	14468.9	14589.9	14656.1	14693.9	14656.1	14589.9	14468.9	14268.4	13922.3	13411.7	12723.4
-2.5°	14388.7	14512.7	14632.3	14710.9	14632.3	14512.7	14388.7	14165.9	13830.8	13308.7	12622.7
-5°	14375.0	14529.9	14588.1	14622.0	14588.1	14529.9	14375.0	14077.7	13690.7	13139.1	12468.8
-7.5°	14274.7	14436.3	14543.7	14582.3	14543.7	14436.3	14274.7	13988.6	13514.4	12905.7	12228.7
-10°	14020.9	14217.3	14372.4	14442.4	14372.4	14217.3	14020.9	13661.1	13199.8	12622.6	11935.4
-12.5°	13566.2	13820.6	13994.0	14060.4	13994.0	13820.6	13566.2	13205.1	12756.0	12199.0	11559.2
-15°	13001.8	13277.7	13463.5	13504.4	13463.5	13277.7	13001.8	12640.5	12203.0	11685.0	11083.1
-17.5°	12347.8	12610.6	12803.1	12850.1	12803.1	12610.6	12347.8	12000.2	11566.4	11090.5	10555.6
-20°	11617.2	11860.1	12040.0	12057.7	12040.0	11860.1	11617.2	11297.4	10912.7	10483.7	9993.7



REPORT NUMBER: P559051 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10858.4	11064.3	11204.9	11240.7	11204.9	11064.3	10858.4	10575.2	10234.0	9840.4	9376.6
-25°	10101.9	10289.7	10397.5	10438.9	10397.5	10289.7	10101.9	9829.1	9509.1	9133.4	8699.2
-27.5°	9317.4	9486.5	9580.6	9603.0	9580.6	9486.5	9317.4	9070.0	8775.3	8433.9	8054.1
-30°	8515.5	8666.7	8756.5	8765.3	8756.5	8666.7	8515.5	8307.3	8047.7	7747.4	7407.2
-32.5°	7743.8	7883.7	7974.0	7988.0	7974.0	7883.7	7743.8	7561.2	7332.7	7057.1	6743.5
-35°	6974.5	7090.2	7152.8	7137.0	7152.8	7090.2	6974.5	6808.0	6594.0	6345.0	6079.8
-37.5°	6197.9	6291.2	6339.3	6337.1	6339.3	6291.2	6197.9	6061.0	5883.5	5672.1	5432.6
-40°	5465.4	5556.2	5597.7	5571.2	5597.7	5556.2	5465.4	5338.0	5185.1	5004.4	4800.0
-42.5°	4750.4	4822.7	4871.4	4907.4	4871.4	4822.7	4750.4	4644.2	4521.4	4368.9	4189.4
-45°	4118.1	4193.6	4239.4	4247.4	4239.4	4193.6	4118.1	4023.6	3913.1	3773.6	3604.6
-47.5°	3489.1	3533.2	3565.6	3587.4	3565.6	3533.2	3489.1	3420.3	3322.2	3204.5	3076.8
-50°	2858.7	2894.7	2925.0	2948.2	2925.0	2894.7	2858.7	2799.1	2720.1	2630.9	2527.2
-52.5°	2269.0	2301.3	2331.9	2358.2	2331.9	2301.3	2269.0	2216.4	2147.1	2074.0	1976.5
-55°	1751.1	1799.6	1827.0	1834.4	1827.0	1799.6	1751.1	1685.0	1602.0	1512.3	1397.6
-57.5°	1184.4	1230.0	1270.7	1301.1	1270.7	1230.0	1184.4	1123.3	1047.1	960.3	861.1
-60°	666.3	687.5	697.0	697.8	697.0	687.5	666.3	640.6	611.2	580.7	545.2
-62.5°	445.0	451.5	458.4	463.3	458.4	451.5	445.0	435.3	422.3	407.9	395.2
-65°	312.0	313.8	315.3	315.8	315.3	313.8	312.0	309.0	304.5	302.7	300.4
-67.5°	258.3	261.0	261.5	261.0	261.5	261.0	258.3	254.8	250.5	245.4	239.5
-70°	205.8	208.3	207.3	204.2	207.3	208.3	205.8	203.6	202.7	202.0	198.2
-72.5°	117.0	98.9	86.4	73.8	86.4	98.9	117.0	134.8	152.4	164.9	163.0
-75°	79.3	57.9	56.6	56.7	56.6	57.9	79.3	100.1	120.3	135.6	134.3
-77.5°	60.7	44.0	42.5	41.6	42.5	44.0	60.7	76.5	91.2	102.8	102.4
-80°	35.8	28.5	29.3	30.3	29.3	28.5	35.8	42.9	49.7	55.9	60.1
-82.5°	21.5	17.0	17.9	18.9	17.9	17.0	21.5	25.8	29.9	33.5	35.5
-85°	8.4	7.6	7.6	7.6	7.6	7.6	8.4	9.2	10.0	10.7	10.4
-87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	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: P559051 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.9	2.2	2.5	2.7
85°	10.2	9.9	9.6	10.3	10.9	11.3	11.5	10.1	8.8	7.8	6.9
82.5°	37.0	38.1	38.5	36.1	33.9	31.8	29.7	24.8	20.4	16.4	13.3
80°	63.9	67.1	69.2	67.1	64.3	60.8	55.6	45.5	36.7	29.4	24.8
77.5°	102.0	101.8	101.1	97.5	94.3	91.5	86.3	71.1	56.4	43.3	36.8
75°	132.9	131.4	129.2	124.8	119.7	114.1	107.2	96.7	83.7	68.0	56.9
72.5°	160.7	157.8	154.1	149.3	143.8	138.4	131.7	123.1	113.1	101.5	92.5
70°	194.0	189.5	184.5	179.0	173.4	167.2	160.4	152.0	141.5	130.2	123.7
67.5°	233.0	226.1	219.9	211.4	204.3	196.9	192.9	185.7	176.1	164.5	156.5
65°	292.6	278.5	269.4	268.9	261.8	247.3	233.0	226.1	218.2	205.2	191.4
62.5°	384.8	377.6	358.6	341.2	328.6	318.9	300.4	280.8	265.5	252.1	234.2
60°	503.8	457.2	438.0	416.8	393.0	369.6	353.9	334.8	312.3	294.4	276.0
57.5°	749.9	658.7	605.4	546.5	482.0	446.2	420.4	390.5	365.1	340.1	317.0
55°	1256.7	1125.0	984.2	821.7	669.5	601.6	526.2	466.9	430.3	388.3	360.6
52.5°	1851.6	1692.9	1516.0	1321.8	1124.2	914.1	706.9	618.9	517.8	455.5	409.2
50°	2403.3	2238.1	2063.8	1873.0	1637.3	1381.4	1131.6	882.5	679.0	562.8	470.1
47.5°	2926.0	2745.3	2551.9	2346.2	2128.8	1887.0	1594.6	1288.0	999.5	710.0	583.7
45°	3433.1	3238.7	3021.8	2798.0	2564.9	2316.9	2055.4	1740.7	1393.9	1060.9	717.1
42.5°	3980.8	3746.0	3502.7	3252.5	2985.7	2721.9	2445.0	2149.9	1817.0	1434.6	1062.4
40°	4561.9	4301.8	4024.2	3727.1	3430.8	3117.5	2819.0	2508.6	2184.7	1823.5	1403.9
37.5°	5157.9	4859.3	4557.4	4230.0	3892.4	3548.2	3199.6	2857.7	2511.7	2158.7	1752.5
35°	5777.4	5447.3	5098.0	4740.4	4360.0	3985.5	3601.4	3212.8	2834.3	2457.4	2069.1
32.5°	6402.6	6040.7	5649.4	5253.4	4841.7	4420.0	4003.8	3582.1	3149.8	2747.8	2341.2
30°	7032.8	6631.8	6205.6	5753.5	5305.1	4853.9	4395.6	3933.2	3470.2	3023.8	2602.1
27.5°	7651.6	7216.0	6752.3	6261.1	5748.2	5264.2	4771.6	4270.4	3771.9	3296.6	2844.0
25°	8262.0	7784.7	7270.5	6744.8	6206.9	5642.8	5119.5	4592.5	4068.0	3551.4	3062.7
22.5°	8869.9	8335.7	7770.2	7190.3	6626.1	6032.1	5448.2	4888.5	4341.4	3793.9	3276.6
20°	9452.1	8863.9	8253.8	7625.8	7001.1	6389.1	5760.7	5165.8	4587.8	4020.8	3475.4
17.5°	9966.4	9343.1	8701.8	8023.5	7356.6	6706.2	6056.0	5419.6	4810.9	4218.1	3655.4
15°	10441.3	9779.9	9097.9	8388.5	7679.6	6983.3	6311.3	5643.2	5010.9	4393.5	3815.2
12.5°	10872.5	10171.4	9456.5	8708.7	7964.9	7228.3	6528.3	5844.6	5185.8	4549.8	3950.0
10°	11224.8	10495.7	9752.9	8985.9	8211.2	7441.7	6708.3	6007.1	5326.6	4674.2	4062.2
7.5°	11510.9	10750.5	9979.1	9205.2	8407.1	7619.9	6858.4	6129.9	5436.5	4765.2	4150.5
5°	11734.2	10951.2	10152.3	9366.5	8548.5	7744.7	6970.4	6212.6	5513.6	4823.6	4214.0
2.5°	11887.4	11087.7	10259.9	9463.7	8640.3	7822.3	7053.8	6276.5	5568.5	4885.0	4269.7
0°	11980.2	11189.7	10340.6	9531.2	8723.7	7865.1	7110.6	6320.1	5592.0	4924.4	4298.5
-2.5°	11887.4	11087.7	10259.9	9463.7	8640.3	7822.3	7053.8	6276.5	5568.5	4885.0	4269.7
-5°	11734.2	10951.2	10152.3	9366.5	8548.5	7744.7	6970.4	6212.6	5513.6	4823.6	4214.0
-7.5°	11510.9	10750.5	9979.1	9205.2	8407.1	7619.9	6858.4	6129.9	5436.5	4765.2	4150.5
-10°	11224.8	10495.7	9752.9	8985.9	8211.2	7441.7	6708.3	6007.1	5326.6	4674.2	4062.2
-12.5°	10872.5	10171.4	9456.5	8708.7	7964.9	7228.3	6528.3	5844.6	5185.8	4549.8	3950.0
-15°	10441.3	9779.9	9097.9	8388.5	7679.6	6983.3	6311.3	5643.2	5010.9	4393.5	3815.2
-17.5°	9966.4	9343.1	8701.8	8023.5	7356.6	6706.2	6056.0	5419.6	4810.9	4218.1	3655.4
-20°	9452.1	8863.9	8253.8	7625.8	7001.1	6389.1	5760.7	5165.8	4587.8	4020.8	3475.4



REPORT NUMBER: P559051 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8869.9	8335.7	7770.2	7190.3	6626.1	6032.1	5448.2	4888.5	4341.4	3793.9	3276.6
-25°	8262.0	7784.7	7270.5	6744.8	6206.9	5642.8	5119.5	4592.5	4068.0	3551.4	3062.7
-27.5°	7651.6	7216.0	6752.3	6261.1	5748.2	5264.2	4771.6	4270.4	3771.9	3296.6	2844.0
-30°	7032.8	6631.8	6205.6	5753.5	5305.1	4853.9	4395.6	3933.2	3470.2	3023.8	2602.1
-32.5°	6402.6	6040.7	5649.4	5253.4	4841.7	4420.0	4003.8	3582.1	3149.8	2747.8	2341.2
-35°	5777.4	5447.3	5098.0	4740.4	4360.0	3985.5	3601.4	3212.8	2834.3	2457.4	2069.1
-37.5°	5157.9	4859.3	4557.4	4230.0	3892.4	3548.2	3199.6	2857.7	2511.7	2158.7	1752.5
-40°	4561.9	4301.8	4024.2	3727.1	3430.8	3117.5	2819.0	2508.6	2184.7	1823.5	1403.9
-42.5°	3980.8	3746.0	3502.7	3252.5	2985.7	2721.9	2445.0	2149.9	1817.0	1434.6	1062.4
-45°	3433.1	3238.7	3021.8	2798.0	2564.9	2316.9	2055.4	1740.7	1393.9	1060.9	717.1
-47.5°	2926.0	2745.3	2551.9	2346.2	2128.8	1887.0	1594.6	1288.0	999.5	710.0	583.7
-50°	2403.3	2238.1	2063.8	1873.0	1637.3	1381.4	1131.6	882.5	679.0	562.8	470.1
-52.5°	1851.6	1692.9	1516.0	1321.8	1124.2	914.1	706.9	618.9	517.8	455.5	409.2
-55°	1256.7	1125.0	984.2	821.7	669.5	601.6	526.2	466.9	430.3	388.3	360.6
-57.5°	749.9	658.7	605.4	546.5	482.0	446.2	420.4	390.5	365.1	340.1	317.0
-60°	503.8	457.2	438.0	416.8	393.0	369.6	353.9	334.8	312.3	294.4	276.0
-62.5°	384.8	377.6	358.6	341.2	328.6	318.9	300.4	280.8	265.5	252.1	234.2
-65°	292.6	278.5	269.4	268.9	261.8	247.3	233.0	226.1	218.2	205.2	191.4
-67.5°	233.0	226.1	219.9	211.4	204.3	196.9	192.9	185.7	176.1	164.5	156.5
-70°	194.0	189.5	184.5	179.0	173.4	167.2	160.4	152.0	141.5	130.2	123.7
-72.5°	160.7	157.8	154.1	149.3	143.8	138.4	131.7	123.1	113.1	101.5	92.5
-75°	132.9	131.4	129.2	124.8	119.7	114.1	107.2	96.7	83.7	68.0	56.9
-77.5°	102.0	101.8	101.1	97.5	94.3	91.5	86.3	71.1	56.4	43.3	36.8
-80°	63.9	67.1	69.2	67.1	64.3	60.8	55.6	45.5	36.7	29.4	24.8
-82.5°	37.0	38.1	38.5	36.1	33.9	31.8	29.7	24.8	20.4	16.4	13.3
-85°	10.2	9.9	9.6	10.3	10.9	11.3	11.5	10.1	8.8	7.8	6.9
-87.5°	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.9	2.2	2.5	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: P559051 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-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°	2.6	2.4	2.3	2.2	2.3	2.4	2.4	2.4	2.2	1.9	1.7
85°	6.9	6.8	6.4	5.8	5.4	4.8	4.8	4.8	4.4	3.9	3.4
82.5°	13.4	13.5	13.6	13.4	13.3	12.8	12.0	10.7	8.4	6.1	5.1
80°	27.8	29.3	29.4	27.6	24.1	21.0	20.1	18.6	15.3	12.2	9.1
77.5°	42.4	46.5	49.0	48.0	42.7	37.7	32.8	27.7	22.2	18.2	14.3
75°	58.0	63.3	67.4	67.3	61.7	54.3	47.7	40.9	32.8	24.5	19.3
72.5°	87.8	85.7	86.4	86.8	82.0	74.8	65.2	54.0	44.6	35.1	25.4
70°	117.8	110.0	104.7	103.8	101.3	96.0	86.4	71.8	56.4	45.5	34.6
67.5°	149.3	141.5	131.4	122.6	119.4	114.7	107.4	90.3	72.1	55.8	43.6
65°	181.7	172.4	162.9	150.0	140.2	133.6	126.0	107.9	87.2	68.5	52.4
62.5°	217.0	201.8	189.7	175.7	162.4	152.3	144.3	124.6	102.0	80.6	62.0
60°	255.9	236.4	216.6	200.0	184.1	169.9	158.5	141.4	118.0	92.2	71.5
57.5°	295.3	271.5	246.8	224.8	206.2	188.4	172.0	155.5	133.9	106.2	80.1
55°	334.9	308.4	277.0	250.2	228.0	208.3	186.7	168.3	149.0	120.9	86.8
52.5°	373.2	343.0	309.5	276.2	249.0	226.7	202.9	181.0	160.7	135.5	96.6
50°	419.9	376.3	341.0	304.9	269.8	243.7	218.2	194.4	172.4	148.9	105.8
47.5°	474.0	418.8	372.2	332.9	295.0	260.4	233.4	207.1	183.9	159.3	113.8
45°	581.8	467.1	408.7	361.8	318.7	280.6	248.4	219.0	194.5	163.8	120.6
42.5°	705.1	557.2	451.5	390.3	344.4	300.8	263.1	232.0	204.2	166.7	124.4
40°	1001.6	669.8	509.2	428.3	370.1	319.6	279.8	244.9	212.4	168.5	125.8
37.5°	1306.3	878.8	610.7	465.2	397.5	342.6	295.5	257.4	216.0	170.3	126.2
35°	1615.4	1152.0	710.2	531.8	430.3	364.9	309.9	269.8	223.9	172.1	125.5
32.5°	1908.9	1415.7	938.4	620.1	461.8	386.4	326.8	282.2	234.0	173.8	123.9
30°	2160.6	1672.0	1164.4	704.4	505.7	413.2	345.5	293.9	246.0	175.5	122.0
27.5°	2389.5	1911.3	1376.9	867.7	578.4	438.9	363.2	304.8	259.8	179.8	122.4
25°	2600.2	2115.5	1582.1	1046.8	646.7	463.4	379.2	315.2	270.7	189.1	122.5
22.5°	2786.3	2297.2	1769.8	1209.8	708.2	487.2	396.4	328.5	279.0	198.9	122.2
20°	2953.3	2462.3	1940.3	1360.5	809.4	538.2	415.0	340.3	286.5	209.1	121.5
17.5°	3103.5	2605.9	2083.7	1503.3	930.3	583.3	432.0	350.7	293.3	219.3	120.4
15°	3250.1	2727.8	2205.4	1629.7	1036.9	622.3	447.3	359.5	299.2	229.2	119.8
12.5°	3373.3	2832.1	2308.0	1738.9	1128.5	655.3	460.7	366.9	304.3	238.0	119.0
10°	3472.2	2918.2	2391.6	1830.3	1204.6	682.2	472.1	372.4	308.3	245.3	116.6
7.5°	3546.8	2985.5	2456.0	1903.3	1264.9	704.4	479.4	375.6	311.4	251.1	112.9
5°	3600.6	3036.3	2502.9	1957.2	1308.4	722.4	484.0	377.2	313.8	255.2	108.1
2.5°	3645.0	3072.0	2532.3	1991.8	1335.0	734.9	486.2	377.4	315.3	257.4	102.5
0°	3666.9	3088.2	2543.5	2006.5	1344.6	741.3	486.0	376.3	315.8	257.2	96.4
-2.5°	3645.0	3072.0	2532.3	1991.8	1335.0	734.9	486.2	377.4	315.3	257.4	102.5
-5°	3600.6	3036.3	2502.9	1957.2	1308.4	722.4	484.0	377.2	313.8	255.2	108.1
-7.5°	3546.8	2985.5	2456.0	1903.3	1264.9	704.4	479.4	375.6	311.4	251.1	112.9
-10°	3472.2	2918.2	2391.6	1830.3	1204.6	682.2	472.1	372.4	308.3	245.3	116.6
-12.5°	3373.3	2832.1	2308.0	1738.9	1128.5	655.3	460.7	366.9	304.3	238.0	119.0
-15°	3250.1	2727.8	2205.4	1629.7	1036.9	622.3	447.3	359.5	299.2	229.2	119.8
-17.5°	3103.5	2605.9	2083.7	1503.3	930.3	583.3	432.0	350.7	293.3	219.3	120.4
-20°	2953.3	2462.3	1940.3	1360.5	809.4	538.2	415.0	340.3	286.5	209.1	121.5



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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°	2786.3	2297.2	1769.8	1209.8	708.2	487.2	396.4	328.5	279.0	198.9	122.2
-25°	2600.2	2115.5	1582.1	1046.8	646.7	463.4	379.2	315.2	270.7	189.1	122.5
-27.5°	2389.5	1911.3	1376.9	867.7	578.4	438.9	363.2	304.8	259.8	179.8	122.4
-30°	2160.6	1672.0	1164.4	704.4	505.7	413.2	345.5	293.9	246.0	175.5	122.0
-32.5°	1908.9	1415.7	938.4	620.1	461.8	386.4	326.8	282.2	234.0	173.8	123.9
-35°	1615.4	1152.0	710.2	531.8	430.3	364.9	309.9	269.8	223.9	172.1	125.5
-37.5°	1306.3	878.8	610.7	465.2	397.5	342.6	295.5	257.4	216.0	170.3	126.2
-40°	1001.6	669.8	509.2	428.3	370.1	319.6	279.8	244.9	212.4	168.5	125.8
-42.5°	705.1	557.2	451.5	390.3	344.4	300.8	263.1	232.0	204.2	166.7	124.4
-45°	581.8	467.1	408.7	361.8	318.7	280.6	248.4	219.0	194.5	163.8	120.6
-47.5°	474.0	418.8	372.2	332.9	295.0	260.4	233.4	207.1	183.9	159.3	113.8
-50°	419.9	376.3	341.0	304.9	269.8	243.7	218.2	194.4	172.4	148.9	105.8
-52.5°	373.2	343.0	309.5	276.2	249.0	226.7	202.9	181.0	160.7	135.5	96.6
-55°	334.9	308.4	277.0	250.2	228.0	208.3	186.7	168.3	149.0	120.9	86.8
-57.5°	295.3	271.5	246.8	224.8	206.2	188.4	172.0	155.5	133.9	106.2	80.1
-60°	255.9	236.4	216.6	200.0	184.1	169.9	158.5	141.4	118.0	92.2	71.5
-62.5°	217.0	201.8	189.7	175.7	162.4	152.3	144.3	124.6	102.0	80.6	62.0
-65°	181.7	172.4	162.9	150.0	140.2	133.6	126.0	107.9	87.2	68.5	52.4
-67.5°	149.3	141.5	131.4	122.6	119.4	114.7	107.4	90.3	72.1	55.8	43.6
-70°	117.8	110.0	104.7	103.8	101.3	96.0	86.4	71.8	56.4	45.5	34.6
-72.5°	87.8	85.7	86.4	86.8	82.0	74.8	65.2	54.0	44.6	35.1	25.4
-75°	58.0	63.3	67.4	67.3	61.7	54.3	47.7	40.9	32.8	24.5	19.3
-77.5°	42.4	46.5	49.0	48.0	42.7	37.7	32.8	27.7	22.2	18.2	14.3
-80°	27.8	29.3	29.4	27.6	24.1	21.0	20.1	18.6	15.3	12.2	9.1
-82.5°	13.4	13.5	13.6	13.4	13.3	12.8	12.0	10.7	8.4	6.1	5.1
-85°	6.9	6.8	6.4	5.8	5.4	4.8	4.8	4.8	4.4	3.9	3.4
-87.5°	2.6	2.4	2.3	2.2	2.3	2.4	2.4	2.4	2.2	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°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
82.5°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
80°	6.2	4.9	3.9	3.0	2.0	1.0	0.0
77.5°	10.4	6.8	4.9	3.7	2.5	1.2	0.0
75°	14.6	9.7	6.1	4.4	2.9	1.5	0.0
72.5°	18.6	12.6	8.0	5.1	3.4	1.7	0.0
70°	22.8	15.4	9.9	5.9	3.9	1.9	0.0
67.5°	29.8	18.1	11.7	7.1	4.4	2.2	0.0
65°	36.3	21.6	13.5	8.1	4.8	2.4	0.0
62.5°	42.3	25.9	15.1	9.2	5.3	2.6	0.0
60°	47.9	29.8	16.6	10.1	5.7	2.8	0.0
57.5°	53.4	33.4	18.9	11.0	6.3	3.1	0.0
55°	58.4	36.5	21.1	11.9	6.8	3.3	0.0
52.5°	62.7	39.3	22.9	12.6	7.3	3.5	0.0
50°	66.3	41.9	24.5	13.3	7.8	3.7	0.0
47.5°	69.6	44.0	25.9	14.0	8.3	3.9	0.0
45°	75.2	45.6	26.9	14.7	8.8	4.0	0.0
42.5°	79.9	46.6	27.7	15.3	9.3	4.2	0.0
40°	83.7	47.1	28.2	16.0	9.7	4.4	0.0
37.5°	86.5	47.1	28.4	16.8	10.1	4.5	0.0
35°	88.3	48.2	28.3	17.5	10.5	4.7	0.0
32.5°	88.7	49.5	27.9	18.2	10.8	4.8	0.0
30°	87.0	50.1	27.2	18.9	11.2	4.9	0.0
27.5°	84.7	50.2	27.9	19.5	11.5	5.1	0.0
25°	81.6	49.6	28.7	20.0	11.8	5.2	0.0
22.5°	77.9	49.6	29.5	20.5	12.1	5.3	0.0
20°	73.6	51.9	30.3	21.0	12.3	5.4	0.0
17.5°	72.8	53.9	31.0	21.4	12.5	5.4	0.0
15°	74.3	55.7	31.6	21.7	12.7	5.5	0.0
12.5°	75.6	57.2	32.2	22.0	12.8	5.6	0.0
10°	76.7	58.4	32.7	22.3	13.0	5.6	0.0
7.5°	77.7	59.3	33.1	22.5	13.1	5.7	0.0
5°	78.5	60.0	33.5	22.6	13.1	5.7	0.0
2.5°	79.0	60.4	33.8	22.7	13.2	5.7	0.0
0°	79.4	60.5	34.0	22.7	13.2	5.7	0.0
-2.5°	79.0	60.4	33.8	22.7	13.2	5.7	0.0
-5°	78.5	60.0	33.5	22.6	13.1	5.7	0.0
-7.5°	77.7	59.3	33.1	22.5	13.1	5.7	0.0
-10°	76.7	58.4	32.7	22.3	13.0	5.6	0.0
-12.5°	75.6	57.2	32.2	22.0	12.8	5.6	0.0
-15°	74.3	55.7	31.6	21.7	12.7	5.5	0.0
-17.5°	72.8	53.9	31.0	21.4	12.5	5.4	0.0
-20°	73.6	51.9	30.3	21.0	12.3	5.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	77.9	49.6	29.5	20.5	12.1	5.3	0.0
-25°	81.6	49.6	28.7	20.0	11.8	5.2	0.0
-27.5°	84.7	50.2	27.9	19.5	11.5	5.1	0.0
-30°	87.0	50.1	27.2	18.9	11.2	4.9	0.0
-32.5°	88.7	49.5	27.9	18.2	10.8	4.8	0.0
-35°	88.3	48.2	28.3	17.5	10.5	4.7	0.0
-37.5°	86.5	47.1	28.4	16.8	10.1	4.5	0.0
-40°	83.7	47.1	28.2	16.0	9.7	4.4	0.0
-42.5°	79.9	46.6	27.7	15.3	9.3	4.2	0.0
-45°	75.2	45.6	26.9	14.7	8.8	4.0	0.0
-47.5°	69.6	44.0	25.9	14.0	8.3	3.9	0.0
-50°	66.3	41.9	24.5	13.3	7.8	3.7	0.0
-52.5°	62.7	39.3	22.9	12.6	7.3	3.5	0.0
-55°	58.4	36.5	21.1	11.9	6.8	3.3	0.0
-57.5°	53.4	33.4	18.9	11.0	6.3	3.1	0.0
-60°	47.9	29.8	16.6	10.1	5.7	2.8	0.0
-62.5°	42.3	25.9	15.1	9.2	5.3	2.6	0.0
-65°	36.3	21.6	13.5	8.1	4.8	2.4	0.0
-67.5°	29.8	18.1	11.7	7.1	4.4	2.2	0.0
-70°	22.8	15.4	9.9	5.9	3.9	1.9	0.0
-72.5°	18.6	12.6	8.0	5.1	3.4	1.7	0.0
-75°	14.6	9.7	6.1	4.4	2.9	1.5	0.0
-77.5°	10.4	6.8	4.9	3.7	2.5	1.2	0.0
-80°	6.2	4.9	3.9	3.0	2.0	1.0	0.0
-82.5°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
-85°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
-87.5°	1.5	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)