

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: P558867 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-935-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558867 (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-SA3E-935-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

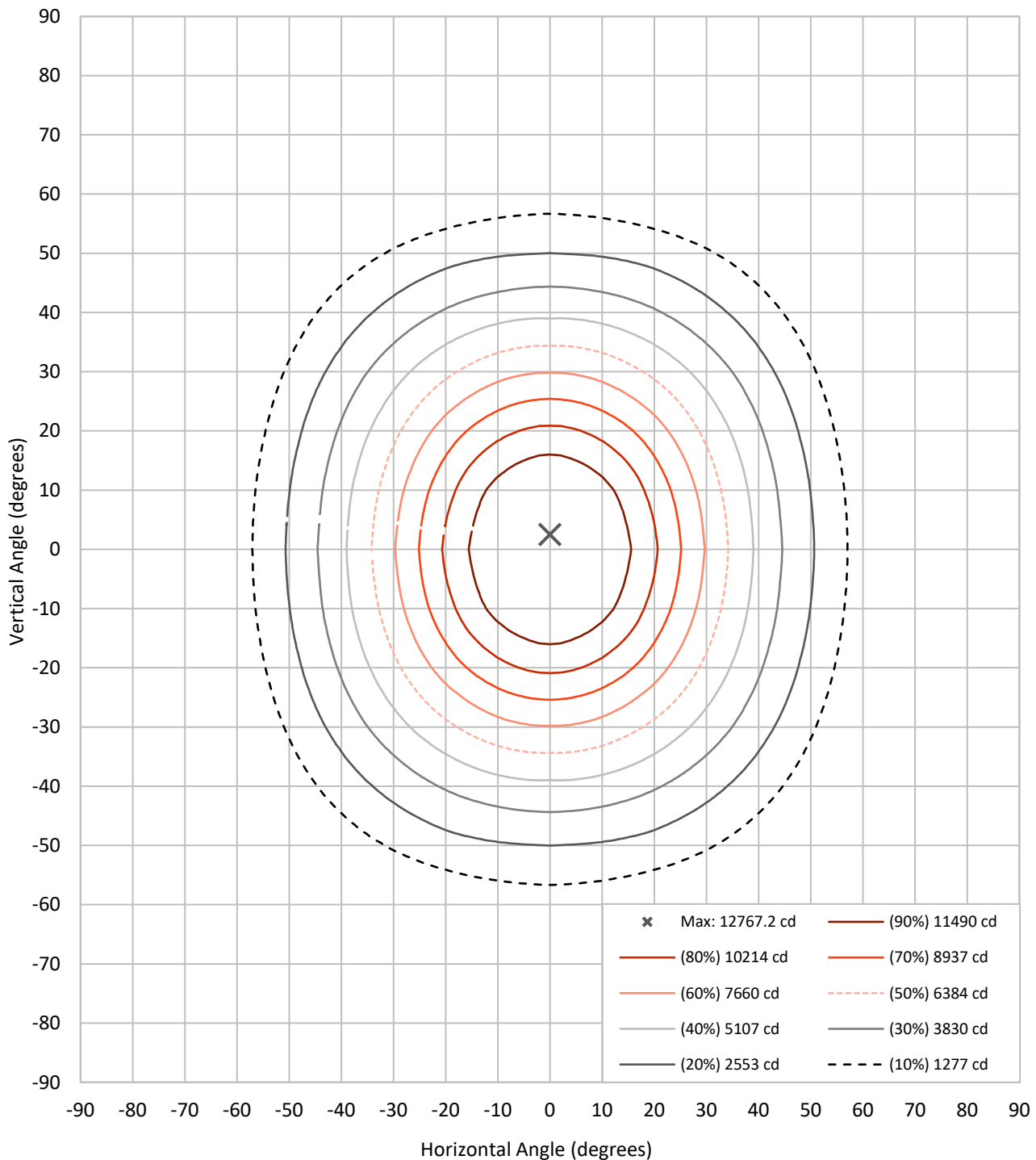
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17279.3 lumens	Max Intensity:	12767.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	94.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	10360.2 lumens	Field Lumens:	16506.4 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 182
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



REPORT NUMBER: P558867 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-935-U-WR-XX

Iso-Candela Plot





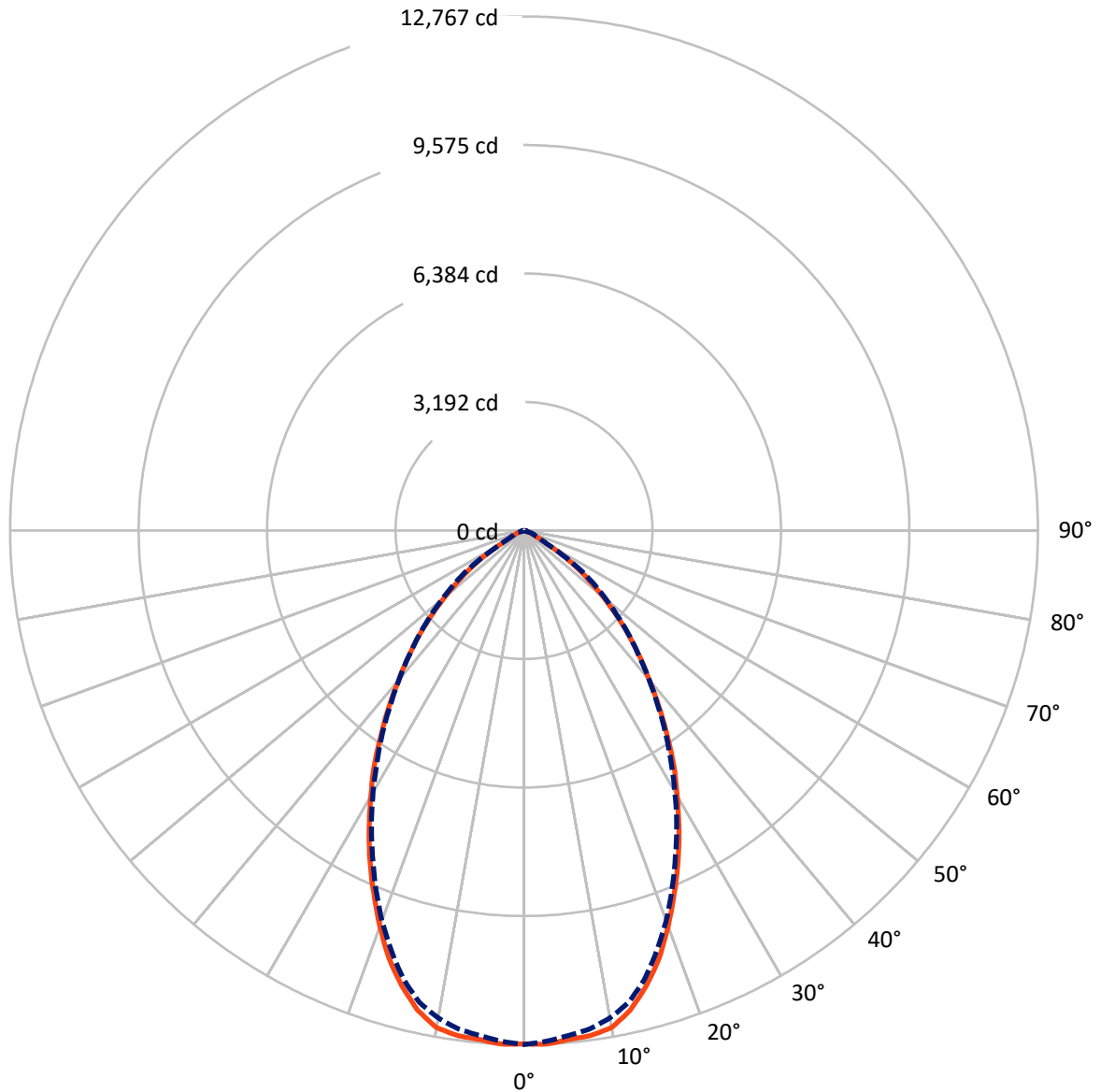
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Lumen Table

90																			
80	0.1	1.7		4.2		7.2		5.1		7.2		4.2		1.7		0.1			
70																			
60	0.8	1.2	2.3	3.7	5.3	7.0	8.6	9.6	9.6	8.6	7.0	5.3	3.7	2.3	1.2	0.8			
50		1.9	3.9	7.0	13.4	26.0	38.9	46.6	46.6	38.9	26.0	13.4	7.0	3.9	1.9				
40	1.4	2.5	5.7	16.5	43.6	72.4	96.3	109.8	109.8	96.3	72.4	43.6	16.5	5.7	2.5	1.4			
30		3.1	9.7	38.2	78.2	122.1	161.8	185.6	185.6	161.8	122.1	78.2	38.2	9.7	3.1				
20	1.5	3.7	17.7	57.7	110.9	173.6	232.1	268.8	268.8	232.1	173.6	110.9	57.7	17.7	3.7	1.5			
10		4.4	25.3	71.8	136.7	216.9	295.5	345.2	345.2	295.5	216.9	136.7	71.8	25.3	4.4				
0	1.5	4.8	29.5	79.4	151.3	242.4	331.9	379.4	379.4	331.9	242.4	151.3	79.4	29.5	4.8	1.5			
-10		4.8	29.5	79.4	151.3	242.4	331.9	379.4	379.4	331.9	242.4	151.3	79.4	29.5	4.8				
-20	1.5	4.4	25.3	71.8	136.7	216.9	295.5	345.2	345.2	295.5	216.9	136.7	71.8	25.3	4.4	1.5			
-30		3.7	17.7	57.7	110.9	173.6	232.1	268.8	268.8	232.1	173.6	110.9	57.7	17.7	3.7				
-40	1.4	3.1	9.7	38.2	78.2	122.1	161.8	185.6	185.6	161.8	122.1	78.2	38.2	9.7	3.1	1.4			
-50		2.5	5.7	16.5	43.6	72.4	96.3	109.8	109.8	96.3	72.4	43.6	16.5	5.7	2.5				
-60	0.8	1.9	3.9	7.0	13.4	26.0	38.9	46.6	46.6	38.9	26.0	13.4	7.0	3.9	1.9	0.8			
-70		1.2	2.3	3.7	5.3	7.0	8.6	9.6	9.6	8.6	7.0	5.3	3.7	2.3	1.2				
-80	0.1	1.7		4.2		7.2		5.1		7.2		4.2		1.7		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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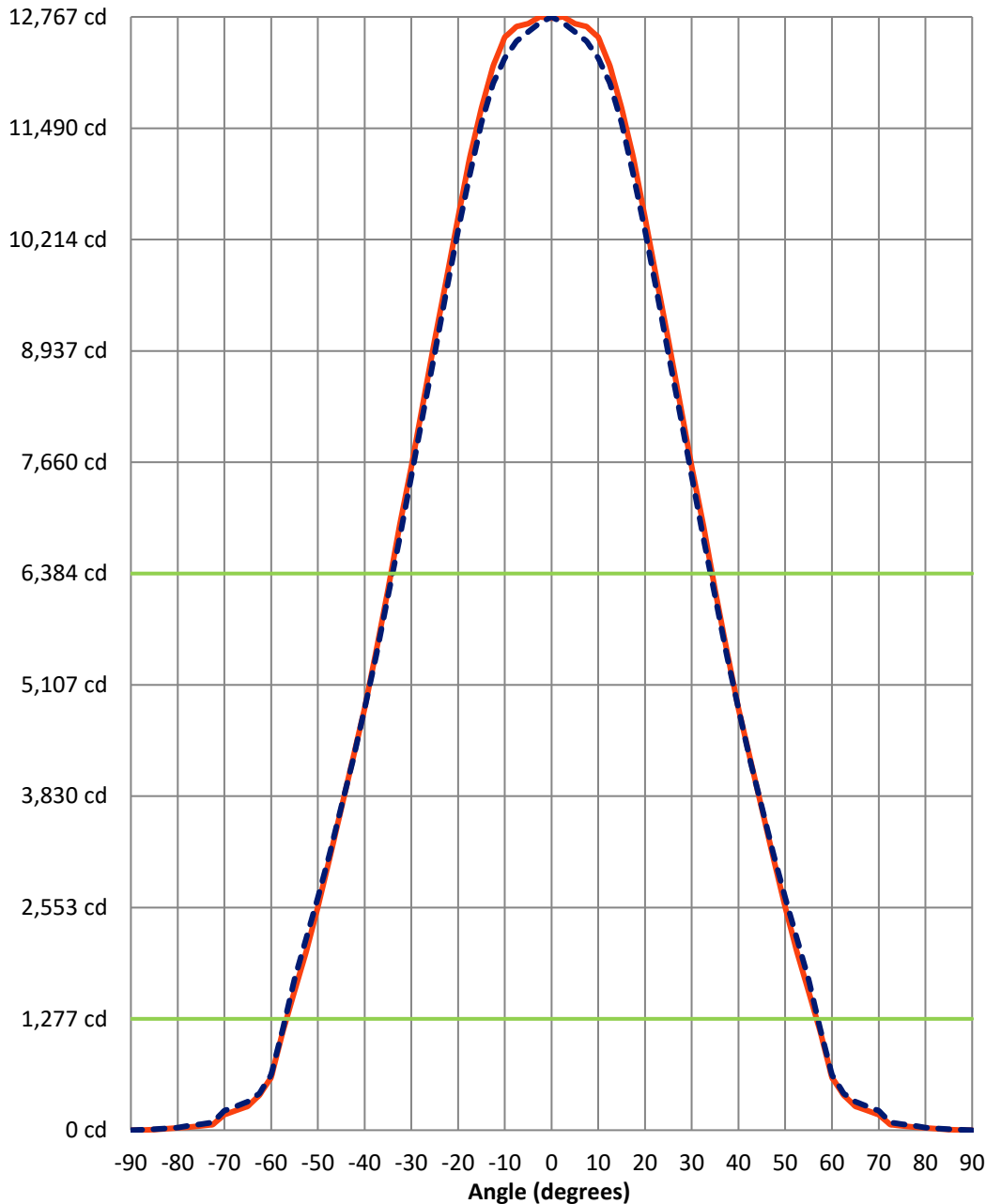
Luminous Intensity Polar Plot



— 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: 10360.2
 Efficiency: 60.0%

Field:
 H Angle: 114°
 V Angle: 113.4°
 Lumens: 16506.4
 Efficiency: 95.5%

Spill:
 Lumens: 772.9
 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	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1
85°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
82.5°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.3	7.2	9.2
80°	0.0	0.9	1.7	2.5	3.4	4.2	5.3	7.9	10.5	13.3	16.1
77.5°	0.0	1.1	2.1	3.2	4.2	5.8	9.0	12.4	15.7	19.2	24.0
75°	0.0	1.3	2.5	3.8	5.2	8.4	12.6	16.8	21.3	28.4	35.5
72.5°	0.0	1.5	2.9	4.4	6.9	11.0	16.1	22.1	30.4	38.7	46.8
70°	0.0	1.7	3.3	5.1	8.6	13.4	19.8	30.0	39.5	48.9	62.3
67.5°	0.0	1.9	3.7	6.1	10.2	15.7	25.8	37.8	48.5	62.6	78.4
65°	0.0	2.1	4.1	7.0	11.7	18.8	31.5	45.5	59.5	75.7	93.6
62.5°	0.0	2.3	4.5	7.9	13.1	22.5	36.8	53.8	70.0	88.5	108.1
60°	0.0	2.4	4.9	8.8	14.4	25.9	41.6	62.1	80.0	102.4	122.8
57.5°	0.0	2.6	5.4	9.6	16.5	29.0	46.4	69.6	92.2	116.2	135.0
55°	0.0	2.8	5.9	10.3	18.3	31.7	50.7	75.3	104.9	129.3	146.0
52.5°	0.0	3.0	6.3	11.0	19.9	34.1	54.4	83.9	117.6	139.5	157.1
50°	0.0	3.1	6.8	11.6	21.3	36.4	57.5	91.9	129.2	149.6	168.7
47.5°	0.0	3.3	7.2	12.2	22.5	38.2	60.4	98.8	138.2	159.6	179.7
45°	0.0	3.5	7.6	12.8	23.4	39.6	65.3	104.7	142.1	168.7	190.0
42.5°	0.0	3.6	8.0	13.3	24.0	40.5	69.4	107.9	144.7	177.2	201.3
40°	0.0	3.8	8.4	13.9	24.5	40.9	72.6	109.2	146.2	184.3	212.5
37.5°	0.0	3.9	8.8	14.6	24.7	40.9	75.1	109.5	147.8	187.5	223.4
35°	0.0	4.0	9.1	15.2	24.6	41.9	76.7	109.0	149.3	194.3	234.1
32.5°	0.0	4.1	9.4	15.8	24.2	43.0	77.0	107.5	150.8	203.1	244.9
30°	0.0	4.2	9.7	16.4	23.6	43.5	75.6	105.9	152.3	213.5	255.0
27.5°	0.0	4.3	10.0	16.9	24.2	43.5	73.5	106.2	156.0	225.4	264.5
25°	0.0	4.4	10.3	17.4	24.9	43.0	70.8	106.3	164.1	234.9	273.6
22.5°	0.0	4.5	10.5	17.8	25.6	43.0	67.6	106.1	172.6	242.1	285.1
20°	0.0	4.6	10.7	18.2	26.3	45.0	63.9	105.5	181.5	248.6	295.4
17.5°	0.0	4.7	10.9	18.6	26.9	46.8	63.2	104.5	190.3	254.5	304.4
15°	0.0	4.7	11.0	18.9	27.4	48.3	64.5	104.0	198.9	259.7	312.0
12.5°	0.0	4.8	11.2	19.1	27.9	49.6	65.6	103.3	206.6	264.1	318.4
10°	0.0	4.8	11.3	19.3	28.4	50.7	66.6	101.2	212.9	267.6	323.2
7.5°	0.0	4.9	11.4	19.5	28.8	51.5	67.4	98.0	217.9	270.3	326.0
5°	0.0	4.9	11.4	19.6	29.1	52.0	68.1	93.8	221.5	272.4	327.4
2.5°	0.0	4.9	11.5	19.7	29.3	52.4	68.6	89.0	223.3	273.7	327.6
0°	0.0	4.9	11.5	19.7	29.5	52.5	68.9	83.7	223.2	274.1	326.6
-2.5°	0.0	4.9	11.5	19.7	29.3	52.4	68.6	89.0	223.3	273.7	327.6
-5°	0.0	4.9	11.4	19.6	29.1	52.0	68.1	93.8	221.5	272.4	327.4
-7.5°	0.0	4.9	11.4	19.5	28.8	51.5	67.4	98.0	217.9	270.3	326.0
-10°	0.0	4.8	11.3	19.3	28.4	50.7	66.6	101.2	212.9	267.6	323.2
-12.5°	0.0	4.8	11.2	19.1	27.9	49.6	65.6	103.3	206.6	264.1	318.4
-15°	0.0	4.7	11.0	18.9	27.4	48.3	64.5	104.0	198.9	259.7	312.0
-17.5°	0.0	4.7	10.9	18.6	26.9	46.8	63.2	104.5	190.3	254.5	304.4
-20°	0.0	4.6	10.7	18.2	26.3	45.0	63.9	105.5	181.5	248.6	295.4



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 CATALOG NUMBER: GFLD-SA3E-935-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	4.5	10.5	17.8	25.6	43.0	67.6	106.1	172.6	242.1	285.1
-25°	0.0	4.4	10.3	17.4	24.9	43.0	70.8	106.3	164.1	234.9	273.6
-27.5°	0.0	4.3	10.0	16.9	24.2	43.5	73.5	106.2	156.0	225.4	264.5
-30°	0.0	4.2	9.7	16.4	23.6	43.5	75.6	105.9	152.3	213.5	255.0
-32.5°	0.0	4.1	9.4	15.8	24.2	43.0	77.0	107.5	150.8	203.1	244.9
-35°	0.0	4.0	9.1	15.2	24.6	41.9	76.7	109.0	149.3	194.3	234.1
-37.5°	0.0	3.9	8.8	14.6	24.7	40.9	75.1	109.5	147.8	187.5	223.4
-40°	0.0	3.8	8.4	13.9	24.5	40.9	72.6	109.2	146.2	184.3	212.5
-42.5°	0.0	3.6	8.0	13.3	24.0	40.5	69.4	107.9	144.7	177.2	201.3
-45°	0.0	3.5	7.6	12.8	23.4	39.6	65.3	104.7	142.1	168.7	190.0
-47.5°	0.0	3.3	7.2	12.2	22.5	38.2	60.4	98.8	138.2	159.6	179.7
-50°	0.0	3.1	6.8	11.6	21.3	36.4	57.5	91.9	129.2	149.6	168.7
-52.5°	0.0	3.0	6.3	11.0	19.9	34.1	54.4	83.9	117.6	139.5	157.1
-55°	0.0	2.8	5.9	10.3	18.3	31.7	50.7	75.3	104.9	129.3	146.0
-57.5°	0.0	2.6	5.4	9.6	16.5	29.0	46.4	69.6	92.2	116.2	135.0
-60°	0.0	2.4	4.9	8.8	14.4	25.9	41.6	62.1	80.0	102.4	122.8
-62.5°	0.0	2.3	4.5	7.9	13.1	22.5	36.8	53.8	70.0	88.5	108.1
-65°	0.0	2.1	4.1	7.0	11.7	18.8	31.5	45.5	59.5	75.7	93.6
-67.5°	0.0	1.9	3.7	6.1	10.2	15.7	25.8	37.8	48.5	62.6	78.4
-70°	0.0	1.7	3.3	5.1	8.6	13.4	19.8	30.0	39.5	48.9	62.3
-72.5°	0.0	1.5	2.9	4.4	6.9	11.0	16.1	22.1	30.4	38.7	46.8
-75°	0.0	1.3	2.5	3.8	5.2	8.4	12.6	16.8	21.3	28.4	35.5
-77.5°	0.0	1.1	2.1	3.2	4.2	5.8	9.0	12.4	15.7	19.2	24.0
-80°	0.0	0.9	1.7	2.5	3.4	4.2	5.3	7.9	10.5	13.3	16.1
-82.5°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.3	7.2	9.2
-85°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
-87.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-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°	2.1	2.1	2.0	1.9	2.0	2.1	2.2	2.3	2.1	1.9	1.6
85°	4.2	4.1	4.7	5.0	5.5	5.9	6.0	6.0	6.7	7.7	8.8
82.5°	10.4	11.1	11.5	11.7	11.8	11.7	11.6	11.5	14.2	17.7	21.5
80°	17.4	18.2	21.0	24.0	25.5	25.5	24.1	21.5	25.5	31.9	39.5
77.5°	28.4	32.7	37.1	41.6	42.5	40.3	36.8	31.9	37.6	48.9	61.7
75°	41.4	47.1	53.6	58.4	58.5	55.0	50.3	49.4	59.0	72.7	83.9
72.5°	56.6	65.0	71.2	75.4	75.0	74.4	76.2	80.3	88.1	98.1	106.8
70°	75.0	83.3	87.9	90.1	90.9	95.4	102.2	107.4	113.0	122.8	132.0
67.5°	93.2	99.6	103.6	106.4	114.1	122.8	129.6	135.9	142.7	152.9	161.2
65°	109.4	115.9	121.6	130.2	141.4	149.6	157.7	166.1	178.1	189.4	196.2
62.5°	125.2	132.2	140.9	152.5	164.6	175.2	188.3	203.2	218.8	230.4	243.7
60°	137.5	147.4	159.8	173.6	188.0	205.2	222.1	239.5	255.5	271.0	290.6
57.5°	149.2	163.5	178.9	195.1	214.2	235.6	256.3	275.1	295.2	316.8	338.9
55°	162.0	180.7	197.9	217.1	240.4	267.6	290.6	312.9	337.0	373.4	405.2
52.5°	176.1	196.8	216.1	239.7	268.7	297.7	323.8	355.1	395.3	449.4	537.1
50°	189.3	211.5	234.2	264.6	296.0	326.6	364.4	407.9	488.4	589.2	765.8
47.5°	202.5	226.0	256.0	288.9	323.0	363.4	411.3	506.5	616.2	867.4	1117.8
45°	215.6	243.5	276.6	314.0	354.7	405.4	504.9	622.3	920.7	1209.7	1510.7
42.5°	228.3	261.0	298.9	338.7	391.9	483.6	611.9	922.0	1245.1	1576.9	1865.8
40°	242.8	277.4	321.2	371.7	442.0	581.3	869.3	1218.4	1582.5	1896.0	2177.1
37.5°	256.5	297.3	344.9	403.8	530.1	762.7	1133.7	1520.9	1873.5	2179.8	2480.1
35°	268.9	316.7	373.4	461.6	616.4	999.8	1402.0	1795.7	2132.7	2459.8	2788.3
32.5°	283.6	335.4	400.8	538.2	814.4	1228.7	1656.7	2031.9	2384.8	2733.6	3108.8
30°	299.8	358.6	438.9	611.3	1010.6	1451.1	1875.1	2258.4	2624.3	3011.7	3413.5
27.5°	315.2	381.0	502.0	753.1	1195.0	1658.8	2073.8	2468.2	2861.1	3273.5	3706.1
25°	329.1	402.2	561.2	908.5	1373.1	1836.0	2256.7	2658.1	3082.2	3530.5	3985.7
22.5°	344.1	422.9	614.6	1050.0	1535.9	1993.7	2418.2	2843.7	3292.6	3767.7	4242.7
20°	360.2	467.1	702.5	1180.7	1683.9	2137.0	2563.1	3016.2	3489.6	3981.7	4483.2
17.5°	374.9	506.2	807.4	1304.7	1808.4	2261.6	2693.5	3172.5	3660.8	4175.3	4703.5
15°	388.2	540.1	899.9	1414.4	1914.0	2367.4	2820.7	3311.2	3813.0	4348.8	4897.5
12.5°	399.8	568.7	979.3	1509.2	2003.1	2457.9	2927.6	3428.1	3948.6	4500.6	5072.4
10°	409.7	592.0	1045.4	1588.5	2075.5	2532.6	3013.5	3525.5	4056.6	4622.8	5213.4
7.5°	416.0	611.3	1097.7	1651.8	2131.4	2591.0	3078.2	3602.1	4135.6	4718.2	5320.0
5°	420.1	627.0	1135.5	1698.7	2172.2	2635.1	3124.8	3657.3	4186.2	4785.1	5391.7
2.5°	422.0	637.8	1158.5	1728.6	2197.7	2666.1	3163.4	3705.5	4239.6	4832.8	5447.2
0°	421.8	643.4	1166.9	1741.4	2207.5	2680.2	3182.4	3730.5	4273.8	4853.2	5485.0
-2.5°	422.0	637.8	1158.5	1728.6	2197.7	2666.1	3163.4	3705.5	4239.6	4832.8	5447.2
-5°	420.1	627.0	1135.5	1698.7	2172.2	2635.1	3124.8	3657.3	4186.2	4785.1	5391.7
-7.5°	416.0	611.3	1097.7	1651.8	2131.4	2591.0	3078.2	3602.1	4135.6	4718.2	5320.0
-10°	409.7	592.0	1045.4	1588.5	2075.5	2532.6	3013.5	3525.5	4056.6	4622.8	5213.4
-12.5°	399.8	568.7	979.3	1509.2	2003.1	2457.9	2927.6	3428.1	3948.6	4500.6	5072.4
-15°	388.2	540.1	899.9	1414.4	1914.0	2367.4	2820.7	3311.2	3813.0	4348.8	4897.5
-17.5°	374.9	506.2	807.4	1304.7	1808.4	2261.6	2693.5	3172.5	3660.8	4175.3	4703.5
-20°	360.2	467.1	702.5	1180.7	1683.9	2137.0	2563.1	3016.2	3489.6	3981.7	4483.2



REPORT NUMBER: P558867 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-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°	344.1	422.9	614.6	1050.0	1535.9	1993.7	2418.2	2843.7	3292.6	3767.7	4242.7
-25°	329.1	402.2	561.2	908.5	1373.1	1836.0	2256.7	2658.1	3082.2	3530.5	3985.7
-27.5°	315.2	381.0	502.0	753.1	1195.0	1658.8	2073.8	2468.2	2861.1	3273.5	3706.1
-30°	299.8	358.6	438.9	611.3	1010.6	1451.1	1875.1	2258.4	2624.3	3011.7	3413.5
-32.5°	283.6	335.4	400.8	538.2	814.4	1228.7	1656.7	2031.9	2384.8	2733.6	3108.8
-35°	268.9	316.7	373.4	461.6	616.4	999.8	1402.0	1795.7	2132.7	2459.8	2788.3
-37.5°	256.5	297.3	344.9	403.8	530.1	762.7	1133.7	1520.9	1873.5	2179.8	2480.1
-40°	242.8	277.4	321.2	371.7	442.0	581.3	869.3	1218.4	1582.5	1896.0	2177.1
-42.5°	228.3	261.0	298.9	338.7	391.9	483.6	611.9	922.0	1245.1	1576.9	1865.8
-45°	215.6	243.5	276.6	314.0	354.7	405.4	504.9	622.3	920.7	1209.7	1510.7
-47.5°	202.5	226.0	256.0	288.9	323.0	363.4	411.3	506.5	616.2	867.4	1117.8
-50°	189.3	211.5	234.2	264.6	296.0	326.6	364.4	407.9	488.4	589.2	765.8
-52.5°	176.1	196.8	216.1	239.7	268.7	297.7	323.8	355.1	395.3	449.4	537.1
-55°	162.0	180.7	197.9	217.1	240.4	267.6	290.6	312.9	337.0	373.4	405.2
-57.5°	149.2	163.5	178.9	195.1	214.2	235.6	256.3	275.1	295.2	316.8	338.9
-60°	137.5	147.4	159.8	173.6	188.0	205.2	222.1	239.5	255.5	271.0	290.6
-62.5°	125.2	132.2	140.9	152.5	164.6	175.2	188.3	203.2	218.8	230.4	243.7
-65°	109.4	115.9	121.6	130.2	141.4	149.6	157.7	166.1	178.1	189.4	196.2
-67.5°	93.2	99.6	103.6	106.4	114.1	122.8	129.6	135.9	142.7	152.9	161.2
-70°	75.0	83.3	87.9	90.1	90.9	95.4	102.2	107.4	113.0	122.8	132.0
-72.5°	56.6	65.0	71.2	75.4	75.0	74.4	76.2	80.3	88.1	98.1	106.8
-75°	41.4	47.1	53.6	58.4	58.5	55.0	50.3	49.4	59.0	72.7	83.9
-77.5°	28.4	32.7	37.1	41.6	42.5	40.3	36.8	31.9	37.6	48.9	61.7
-80°	17.4	18.2	21.0	24.0	25.5	25.5	24.1	21.5	25.5	31.9	39.5
-82.5°	10.4	11.1	11.5	11.7	11.8	11.7	11.6	11.5	14.2	17.7	21.5
-85°	4.2	4.1	4.7	5.0	5.5	5.9	6.0	6.0	6.7	7.7	8.8
-87.5°	2.1	2.1	2.0	1.9	2.0	2.1	2.2	2.3	2.1	1.9	1.6
-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: P558867 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-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°	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6
85°	10.0	9.8	9.5	8.9	8.3	8.5	8.8	9.0	9.2	8.7	8.0
82.5°	25.8	27.7	29.4	31.4	33.4	33.1	32.2	30.8	29.1	26.0	22.5
80°	48.3	52.8	55.8	58.2	60.1	58.3	55.5	52.2	48.6	43.1	37.2
77.5°	74.9	79.4	81.8	84.6	87.8	88.4	88.5	88.8	89.2	79.1	66.3
75°	93.0	99.0	103.9	108.3	112.1	114.1	115.3	116.6	117.7	104.4	86.9
72.5°	114.3	120.1	124.8	129.6	133.7	137.0	139.4	141.5	143.1	132.3	117.0
70°	139.2	145.1	150.5	155.3	160.1	164.5	168.4	172.0	175.3	176.0	176.7
67.5°	167.4	170.9	177.3	183.5	190.9	196.2	202.2	207.8	213.0	217.4	221.1
65°	202.2	214.7	227.2	233.3	233.8	241.6	253.9	260.7	262.7	264.3	268.1
62.5°	260.7	276.7	285.1	296.1	311.2	327.6	333.9	343.0	354.0	366.5	377.8
60°	307.1	320.7	341.0	361.7	380.1	396.7	437.2	473.2	504.0	530.5	556.0
57.5°	364.8	387.3	418.3	474.3	525.4	571.7	650.8	747.4	833.5	908.8	974.9
55°	456.7	522.1	581.0	713.1	854.2	976.3	1090.7	1213.0	1312.5	1390.3	1462.3
52.5°	613.4	793.3	975.6	1147.1	1315.7	1469.2	1606.9	1715.3	1799.9	1863.4	1923.6
50°	982.0	1198.8	1420.9	1625.5	1791.1	1942.4	2085.8	2193.3	2283.2	2360.7	2429.2
47.5°	1383.9	1637.7	1847.5	2036.2	2214.7	2382.6	2539.4	2670.3	2781.1	2883.3	2968.4
45°	1783.8	2010.8	2226.0	2428.4	2622.6	2810.8	2979.5	3128.3	3275.0	3396.1	3492.0
42.5°	2122.0	2362.3	2591.2	2822.8	3039.9	3251.1	3454.9	3635.9	3791.6	3924.0	4030.6
40°	2446.6	2705.6	2977.5	3234.6	3492.5	3733.4	3959.2	4165.8	4343.2	4500.0	4632.7
37.5°	2776.9	3079.4	3378.1	3671.1	3955.3	4217.3	4476.4	4714.8	4922.7	5106.1	5260.2
35°	3125.5	3458.9	3784.0	4114.1	4424.4	4727.6	5014.0	5276.5	5506.7	5722.8	5908.6
32.5°	3474.8	3836.0	4202.0	4559.3	4903.0	5242.5	5556.7	5852.5	6124.7	6363.9	6562.2
30°	3814.8	4212.5	4604.2	4993.4	5385.7	5755.6	6103.6	6428.5	6723.8	6984.3	7209.7
27.5°	4141.1	4568.6	4988.7	5433.9	5860.2	6262.6	6640.6	6990.0	7319.6	7615.9	7871.6
25°	4443.1	4897.2	5386.8	5853.6	6309.9	6756.1	7170.3	7549.8	7926.7	8252.7	8530.4
22.5°	4728.3	5235.1	5750.6	6240.2	6743.6	7234.3	7698.0	8137.7	8540.2	8881.8	9178.0
20°	4999.5	5545.0	6076.1	6618.2	7163.3	7692.7	8203.3	8673.3	9098.6	9470.8	9804.8
17.5°	5255.8	5820.2	6384.6	6963.4	7552.1	8108.7	8649.6	9160.9	9625.2	10038.2	10414.7
15°	5477.4	6060.6	6664.9	7280.2	7895.8	8487.7	9061.7	9618.8	10141.1	10590.7	10970.4
12.5°	5665.8	6273.3	6912.6	7558.0	8207.1	8827.5	9436.0	10032.0	10587.2	11070.6	11460.4
10°	5822.0	6458.5	7126.3	7798.6	8464.3	9108.9	9741.7	10358.4	10954.8	11455.8	11856.2
7.5°	5952.2	6613.1	7296.3	7988.9	8660.6	9330.1	9990.0	10613.0	11200.5	11728.8	12140.3
5°	6049.4	6721.4	7419.0	8128.9	8810.9	9504.3	10183.8	10821.4	11403.0	11881.7	12217.6
2.5°	6121.8	6788.8	7498.7	8213.3	8904.3	9622.7	10316.7	10954.9	11550.3	12003.4	12294.3
0°	6171.1	6825.9	7571.1	8271.9	8974.3	9711.2	10397.3	11042.3	11639.7	12082.8	12383.2
-2.5°	6121.8	6788.8	7498.7	8213.3	8904.3	9622.7	10316.7	10954.9	11550.3	12003.4	12294.3
-5°	6049.4	6721.4	7419.0	8128.9	8810.9	9504.3	10183.8	10821.4	11403.0	11881.7	12217.6
-7.5°	5952.2	6613.1	7296.3	7988.9	8660.6	9330.1	9990.0	10613.0	11200.5	11728.8	12140.3
-10°	5822.0	6458.5	7126.3	7798.6	8464.3	9108.9	9741.7	10358.4	10954.8	11455.8	11856.2
-12.5°	5665.8	6273.3	6912.6	7558.0	8207.1	8827.5	9436.0	10032.0	10587.2	11070.6	11460.4
-15°	5477.4	6060.6	6664.9	7280.2	7895.8	8487.7	9061.7	9618.8	10141.1	10590.7	10970.4
-17.5°	5255.8	5820.2	6384.6	6963.4	7552.1	8108.7	8649.6	9160.9	9625.2	10038.2	10414.7
-20°	4999.5	5545.0	6076.1	6618.2	7163.3	7692.7	8203.3	8673.3	9098.6	9470.8	9804.8



REPORT NUMBER: P558867 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4728.3	5235.1	5750.6	6240.2	6743.6	7234.3	7698.0	8137.7	8540.2	8881.8	9178.0
-25°	4443.1	4897.2	5386.8	5853.6	6309.9	6756.1	7170.3	7549.8	7926.7	8252.7	8530.4
-27.5°	4141.1	4568.6	4988.7	5433.9	5860.2	6262.6	6640.6	6990.0	7319.6	7615.9	7871.6
-30°	3814.8	4212.5	4604.2	4993.4	5385.7	5755.6	6103.6	6428.5	6723.8	6984.3	7209.7
-32.5°	3474.8	3836.0	4202.0	4559.3	4903.0	5242.5	5556.7	5852.5	6124.7	6363.9	6562.2
-35°	3125.5	3458.9	3784.0	4114.1	4424.4	4727.6	5014.0	5276.5	5506.7	5722.8	5908.6
-37.5°	2776.9	3079.4	3378.1	3671.1	3955.3	4217.3	4476.4	4714.8	4922.7	5106.1	5260.2
-40°	2446.6	2705.6	2977.5	3234.6	3492.5	3733.4	3959.2	4165.8	4343.2	4500.0	4632.7
-42.5°	2122.0	2362.3	2591.2	2822.8	3039.9	3251.1	3454.9	3635.9	3791.6	3924.0	4030.6
-45°	1783.8	2010.8	2226.0	2428.4	2622.6	2810.8	2979.5	3128.3	3275.0	3396.1	3492.0
-47.5°	1383.9	1637.7	1847.5	2036.2	2214.7	2382.6	2539.4	2670.3	2781.1	2883.3	2968.4
-50°	982.0	1198.8	1420.9	1625.5	1791.1	1942.4	2085.8	2193.3	2283.2	2360.7	2429.2
-52.5°	613.4	793.3	975.6	1147.1	1315.7	1469.2	1606.9	1715.3	1799.9	1863.4	1923.6
-55°	456.7	522.1	581.0	713.1	854.2	976.3	1090.7	1213.0	1312.5	1390.3	1462.3
-57.5°	364.8	387.3	418.3	474.3	525.4	571.7	650.8	747.4	833.5	908.8	974.9
-60°	307.1	320.7	341.0	361.7	380.1	396.7	437.2	473.2	504.0	530.5	556.0
-62.5°	260.7	276.7	285.1	296.1	311.2	327.6	333.9	343.0	354.0	366.5	377.8
-65°	202.2	214.7	227.2	233.3	233.8	241.6	253.9	260.7	262.7	264.3	268.1
-67.5°	167.4	170.9	177.3	183.5	190.9	196.2	202.2	207.8	213.0	217.4	221.1
-70°	139.2	145.1	150.5	155.3	160.1	164.5	168.4	172.0	175.3	176.0	176.7
-72.5°	114.3	120.1	124.8	129.6	133.7	137.0	139.4	141.5	143.1	132.3	117.0
-75°	93.0	99.0	103.9	108.3	112.1	114.1	115.3	116.6	117.7	104.4	86.9
-77.5°	74.9	79.4	81.8	84.6	87.8	88.4	88.5	88.8	89.2	79.1	66.3
-80°	48.3	52.8	55.8	58.2	60.1	58.3	55.5	52.2	48.6	43.1	37.2
-82.5°	25.8	27.7	29.4	31.4	33.4	33.1	32.2	30.8	29.1	26.0	22.5
-85°	10.0	9.8	9.5	8.9	8.3	8.5	8.8	9.0	9.2	8.7	8.0
-87.5°	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6
-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: P558867 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
85°	7.3	6.6	6.6	6.6	6.6	6.6	7.3	8.0	8.7	9.2	9.0
82.5°	18.7	14.8	15.6	16.4	15.6	14.8	18.7	22.5	26.0	29.1	30.8
80°	31.0	24.6	25.4	26.3	25.4	24.6	31.0	37.2	43.1	48.6	52.2
77.5°	52.6	38.2	36.9	36.1	36.9	38.2	52.6	66.3	79.1	89.2	88.8
75°	68.8	50.2	49.1	49.2	49.1	50.2	68.8	86.9	104.4	117.7	116.6
72.5°	101.6	85.9	75.0	64.0	75.0	85.9	101.6	117.0	132.3	143.1	141.5
70°	178.6	180.8	179.9	177.3	179.9	180.8	178.6	176.7	176.0	175.3	172.0
67.5°	224.1	226.4	226.9	226.5	226.9	226.4	224.1	221.1	217.4	213.0	207.8
65°	270.8	272.4	273.6	274.1	273.6	272.4	270.8	268.1	264.3	262.7	260.7
62.5°	386.3	391.9	397.9	402.1	397.9	391.9	386.3	377.8	366.5	354.0	343.0
60°	578.3	596.7	604.9	605.6	604.9	596.7	578.3	556.0	530.5	504.0	473.2
57.5°	1027.9	1067.5	1102.8	1129.2	1102.8	1067.5	1027.9	974.9	908.8	833.5	747.4
55°	1519.7	1561.8	1585.6	1592.0	1585.6	1561.8	1519.7	1462.3	1390.3	1312.5	1213.0
52.5°	1969.2	1997.2	2023.8	2046.6	2023.8	1997.2	1969.2	1923.6	1863.4	1799.9	1715.3
50°	2481.0	2512.2	2538.5	2558.7	2538.5	2512.2	2481.0	2429.2	2360.7	2283.2	2193.3
47.5°	3028.1	3066.4	3094.5	3113.4	3094.5	3066.4	3028.1	2968.4	2883.3	2781.1	2670.3
45°	3574.0	3639.4	3679.2	3686.2	3679.2	3639.4	3574.0	3492.0	3396.1	3275.0	3128.3
42.5°	4122.7	4185.4	4227.8	4259.0	4227.8	4185.4	4122.7	4030.6	3924.0	3791.6	3635.9
40°	4743.3	4822.1	4858.2	4835.1	4858.2	4822.1	4743.3	4632.7	4500.0	4343.2	4165.8
37.5°	5379.0	5460.0	5501.7	5499.8	5501.7	5460.0	5379.0	5260.2	5106.1	4922.7	4714.8
35°	6053.0	6153.4	6207.7	6194.1	6207.7	6153.4	6053.0	5908.6	5722.8	5506.7	5276.5
32.5°	6720.6	6842.0	6920.4	6932.6	6920.4	6842.0	6720.6	6562.2	6363.9	6124.7	5852.5
30°	7390.4	7521.6	7599.5	7607.2	7599.5	7521.6	7390.4	7209.7	6984.3	6723.8	6428.5
27.5°	8086.3	8233.1	8314.7	8334.2	8314.7	8233.1	8086.3	7871.6	7615.9	7319.6	6990.0
25°	8767.2	8930.1	9023.8	9059.7	9023.8	8930.1	8767.2	8530.4	8252.7	7926.7	7549.8
22.5°	9423.8	9602.4	9724.5	9755.6	9724.5	9602.4	9423.8	9178.0	8881.8	8540.2	8137.7
20°	10082.3	10293.1	10449.2	10464.6	10449.2	10293.1	10082.3	9804.8	9470.8	9098.6	8673.3
17.5°	10716.3	10944.4	11111.4	11152.3	11111.4	10944.4	10716.3	10414.7	10038.2	9625.2	9160.9
15°	11283.9	11523.4	11684.7	11720.1	11684.7	11523.4	11283.9	10970.4	10590.7	10141.1	9618.8
12.5°	11773.8	11994.5	12145.0	12202.6	12145.0	11994.5	11773.8	11460.4	11070.6	10587.2	10032.0
10°	12168.3	12338.9	12473.5	12534.2	12473.5	12338.9	12168.3	11856.2	11455.8	10954.8	10358.4
7.5°	12388.6	12528.9	12622.1	12655.6	12622.1	12528.9	12388.6	12140.3	11728.8	11200.5	10613.0
5°	12475.7	12610.1	12660.6	12690.1	12660.6	12610.1	12475.7	12217.6	11881.7	11403.0	10821.4
2.5°	12487.6	12595.2	12699.0	12767.2	12699.0	12595.2	12487.6	12294.3	12003.4	11550.3	10954.9
0°	12557.2	12662.2	12719.6	12752.5	12719.6	12662.2	12557.2	12383.2	12082.8	11639.7	11042.3
-2.5°	12487.6	12595.2	12699.0	12767.2	12699.0	12595.2	12487.6	12294.3	12003.4	11550.3	10954.9
-5°	12475.7	12610.1	12660.6	12690.1	12660.6	12610.1	12475.7	12217.6	11881.7	11403.0	10821.4
-7.5°	12388.6	12528.9	12622.1	12655.6	12622.1	12528.9	12388.6	12140.3	11728.8	11200.5	10613.0
-10°	12168.3	12338.9	12473.5	12534.2	12473.5	12338.9	12168.3	11856.2	11455.8	10954.8	10358.4
-12.5°	11773.8	11994.5	12145.0	12202.6	12145.0	11994.5	11773.8	11460.4	11070.6	10587.2	10032.0
-15°	11283.9	11523.4	11684.7	11720.1	11684.7	11523.4	11283.9	10970.4	10590.7	10141.1	9618.8
-17.5°	10716.3	10944.4	11111.4	11152.3	11111.4	10944.4	10716.3	10414.7	10038.2	9625.2	9160.9
-20°	10082.3	10293.1	10449.2	10464.6	10449.2	10293.1	10082.3	9804.8	9470.8	9098.6	8673.3



REPORT NUMBER: P558867 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-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°	9423.8	9602.4	9724.5	9755.6	9724.5	9602.4	9423.8	9178.0	8881.8	8540.2	8137.7
-25°	8767.2	8930.1	9023.8	9059.7	9023.8	8930.1	8767.2	8530.4	8252.7	7926.7	7549.8
-27.5°	8086.3	8233.1	8314.7	8334.2	8314.7	8233.1	8086.3	7871.6	7615.9	7319.6	6990.0
-30°	7390.4	7521.6	7599.5	7607.2	7599.5	7521.6	7390.4	7209.7	6984.3	6723.8	6428.5
-32.5°	6720.6	6842.0	6920.4	6932.6	6920.4	6842.0	6720.6	6562.2	6363.9	6124.7	5852.5
-35°	6053.0	6153.4	6207.7	6194.1	6207.7	6153.4	6053.0	5908.6	5722.8	5506.7	5276.5
-37.5°	5379.0	5460.0	5501.7	5499.8	5501.7	5460.0	5379.0	5260.2	5106.1	4922.7	4714.8
-40°	4743.3	4822.1	4858.2	4835.1	4858.2	4822.1	4743.3	4632.7	4500.0	4343.2	4165.8
-42.5°	4122.7	4185.4	4227.8	4259.0	4227.8	4185.4	4122.7	4030.6	3924.0	3791.6	3635.9
-45°	3574.0	3639.4	3679.2	3686.2	3679.2	3639.4	3574.0	3492.0	3396.1	3275.0	3128.3
-47.5°	3028.1	3066.4	3094.5	3113.4	3094.5	3066.4	3028.1	2968.4	2883.3	2781.1	2670.3
-50°	2481.0	2512.2	2538.5	2558.7	2538.5	2512.2	2481.0	2429.2	2360.7	2283.2	2193.3
-52.5°	1969.2	1997.2	2023.8	2046.6	2023.8	1997.2	1969.2	1923.6	1863.4	1799.9	1715.3
-55°	1519.7	1561.8	1585.6	1592.0	1585.6	1561.8	1519.7	1462.3	1390.3	1312.5	1213.0
-57.5°	1027.9	1067.5	1102.8	1129.2	1102.8	1067.5	1027.9	974.9	908.8	833.5	747.4
-60°	578.3	596.7	604.9	605.6	604.9	596.7	578.3	556.0	530.5	504.0	473.2
-62.5°	386.3	391.9	397.9	402.1	397.9	391.9	386.3	377.8	366.5	354.0	343.0
-65°	270.8	272.4	273.6	274.1	273.6	272.4	270.8	268.1	264.3	262.7	260.7
-67.5°	224.1	226.4	226.9	226.5	226.9	226.4	224.1	221.1	217.4	213.0	207.8
-70°	178.6	180.8	179.9	177.3	179.9	180.8	178.6	176.7	176.0	175.3	172.0
-72.5°	101.6	85.9	75.0	64.0	75.0	85.9	101.6	117.0	132.3	143.1	141.5
-75°	68.8	50.2	49.1	49.2	49.1	50.2	68.8	86.9	104.4	117.7	116.6
-77.5°	52.6	38.2	36.9	36.1	36.9	38.2	52.6	66.3	79.1	89.2	88.8
-80°	31.0	24.6	25.4	26.3	25.4	24.6	31.0	37.2	43.1	48.6	52.2
-82.5°	18.7	14.8	15.6	16.4	15.6	14.8	18.7	22.5	26.0	29.1	30.8
-85°	7.3	6.6	6.6	6.6	6.6	6.6	7.3	8.0	8.7	9.2	9.0
-87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
-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: P558867 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-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°	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.6	1.9	2.1	2.3
85°	8.8	8.5	8.3	8.9	9.5	9.8	10.0	8.8	7.7	6.7	6.0
82.5°	32.2	33.1	33.4	31.4	29.4	27.7	25.8	21.5	17.7	14.2	11.5
80°	55.5	58.3	60.1	58.2	55.8	52.8	48.3	39.5	31.9	25.5	21.5
77.5°	88.5	88.4	87.8	84.6	81.8	79.4	74.9	61.7	48.9	37.6	31.9
75°	115.3	114.1	112.1	108.3	103.9	99.0	93.0	83.9	72.7	59.0	49.4
72.5°	139.4	137.0	133.7	129.6	124.8	120.1	114.3	106.8	98.1	88.1	80.3
70°	168.4	164.5	160.1	155.3	150.5	145.1	139.2	132.0	122.8	113.0	107.4
67.5°	202.2	196.2	190.9	183.5	177.3	170.9	167.4	161.2	152.9	142.7	135.9
65°	253.9	241.6	233.8	233.3	227.2	214.7	202.2	196.2	189.4	178.1	166.1
62.5°	333.9	327.6	311.2	296.1	285.1	276.7	260.7	243.7	230.4	218.8	203.2
60°	437.2	396.7	380.1	361.7	341.0	320.7	307.1	290.6	271.0	255.5	239.5
57.5°	650.8	571.7	525.4	474.3	418.3	387.3	364.8	338.9	316.8	295.2	275.1
55°	1090.7	976.3	854.2	713.1	581.0	522.1	456.7	405.2	373.4	337.0	312.9
52.5°	1606.9	1469.2	1315.7	1147.1	975.6	793.3	613.4	537.1	449.4	395.3	355.1
50°	2085.8	1942.4	1791.1	1625.5	1420.9	1198.8	982.0	765.8	589.2	488.4	407.9
47.5°	2539.4	2382.6	2214.7	2036.2	1847.5	1637.7	1383.9	1117.8	867.4	616.2	506.5
45°	2979.5	2810.8	2622.6	2428.4	2226.0	2010.8	1783.8	1510.7	1209.7	920.7	622.3
42.5°	3454.9	3251.1	3039.9	2822.8	2591.2	2362.3	2122.0	1865.8	1576.9	1245.1	922.0
40°	3959.2	3733.4	3492.5	3234.6	2977.5	2705.6	2446.6	2177.1	1896.0	1582.5	1218.4
37.5°	4476.4	4217.3	3955.3	3671.1	3378.1	3079.4	2776.9	2480.1	2179.8	1873.5	1520.9
35°	5014.0	4727.6	4424.4	4114.1	3784.0	3458.9	3125.5	2788.3	2459.8	2132.7	1795.7
32.5°	5556.7	5242.5	4903.0	4559.3	4202.0	3836.0	3474.8	3108.8	2733.6	2384.8	2031.9
30°	6103.6	5755.6	5385.7	4993.4	4604.2	4212.5	3814.8	3413.5	3011.7	2624.3	2258.4
27.5°	6640.6	6262.6	5860.2	5433.9	4988.7	4568.6	4141.1	3706.1	3273.5	2861.1	2468.2
25°	7170.3	6756.1	6309.9	5853.6	5386.8	4897.2	4443.1	3985.7	3530.5	3082.2	2658.1
22.5°	7698.0	7234.3	6743.6	6240.2	5750.6	5235.1	4728.3	4242.7	3767.7	3292.6	2843.7
20°	8203.3	7692.7	7163.3	6618.2	6076.1	5545.0	4999.5	4483.2	3981.7	3489.6	3016.2
17.5°	8649.6	8108.7	7552.1	6963.4	6384.6	5820.2	5255.8	4703.5	4175.3	3660.8	3172.5
15°	9061.7	8487.7	7895.8	7280.2	6664.9	6060.6	5477.4	4897.5	4348.8	3813.0	3311.2
12.5°	9436.0	8827.5	8207.1	7558.0	6912.6	6273.3	5665.8	5072.4	4500.6	3948.6	3428.1
10°	9741.7	9108.9	8464.3	7798.6	7126.3	6458.5	5822.0	5213.4	4622.8	4056.6	3525.5
7.5°	9990.0	9330.1	8660.6	7988.9	7296.3	6613.1	5952.2	5320.0	4718.2	4135.6	3602.1
5°	10183.8	9504.3	8810.9	8128.9	7419.0	6721.4	6049.4	5391.7	4785.1	4186.2	3657.3
2.5°	10316.7	9622.7	8904.3	8213.3	7498.7	6788.8	6121.8	5447.2	4832.8	4239.6	3705.5
0°	10397.3	9711.2	8974.3	8271.9	7571.1	6825.9	6171.1	5485.0	4853.2	4273.8	3730.5
-2.5°	10316.7	9622.7	8904.3	8213.3	7498.7	6788.8	6121.8	5447.2	4832.8	4239.6	3705.5
-5°	10183.8	9504.3	8810.9	8128.9	7419.0	6721.4	6049.4	5391.7	4785.1	4186.2	3657.3
-7.5°	9990.0	9330.1	8660.6	7988.9	7296.3	6613.1	5952.2	5320.0	4718.2	4135.6	3602.1
-10°	9741.7	9108.9	8464.3	7798.6	7126.3	6458.5	5822.0	5213.4	4622.8	4056.6	3525.5
-12.5°	9436.0	8827.5	8207.1	7558.0	6912.6	6273.3	5665.8	5072.4	4500.6	3948.6	3428.1
-15°	9061.7	8487.7	7895.8	7280.2	6664.9	6060.6	5477.4	4897.5	4348.8	3813.0	3311.2
-17.5°	8649.6	8108.7	7552.1	6963.4	6384.6	5820.2	5255.8	4703.5	4175.3	3660.8	3172.5
-20°	8203.3	7692.7	7163.3	6618.2	6076.1	5545.0	4999.5	4483.2	3981.7	3489.6	3016.2



REPORT NUMBER: P558867 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7698.0	7234.3	6743.6	6240.2	5750.6	5235.1	4728.3	4242.7	3767.7	3292.6	2843.7
-25°	7170.3	6756.1	6309.9	5853.6	5386.8	4897.2	4443.1	3985.7	3530.5	3082.2	2658.1
-27.5°	6640.6	6262.6	5860.2	5433.9	4988.7	4568.6	4141.1	3706.1	3273.5	2861.1	2468.2
-30°	6103.6	5755.6	5385.7	4993.4	4604.2	4212.5	3814.8	3413.5	3011.7	2624.3	2258.4
-32.5°	5556.7	5242.5	4903.0	4559.3	4202.0	3836.0	3474.8	3108.8	2733.6	2384.8	2031.9
-35°	5014.0	4727.6	4424.4	4114.1	3784.0	3458.9	3125.5	2788.3	2459.8	2132.7	1795.7
-37.5°	4476.4	4217.3	3955.3	3671.1	3378.1	3079.4	2776.9	2480.1	2179.8	1873.5	1520.9
-40°	3959.2	3733.4	3492.5	3234.6	2977.5	2705.6	2446.6	2177.1	1896.0	1582.5	1218.4
-42.5°	3454.9	3251.1	3039.9	2822.8	2591.2	2362.3	2122.0	1865.8	1576.9	1245.1	922.0
-45°	2979.5	2810.8	2622.6	2428.4	2226.0	2010.8	1783.8	1510.7	1209.7	920.7	622.3
-47.5°	2539.4	2382.6	2214.7	2036.2	1847.5	1637.7	1383.9	1117.8	867.4	616.2	506.5
-50°	2085.8	1942.4	1791.1	1625.5	1420.9	1198.8	982.0	765.8	589.2	488.4	407.9
-52.5°	1606.9	1469.2	1315.7	1147.1	975.6	793.3	613.4	537.1	449.4	395.3	355.1
-55°	1090.7	976.3	854.2	713.1	581.0	522.1	456.7	405.2	373.4	337.0	312.9
-57.5°	650.8	571.7	525.4	474.3	418.3	387.3	364.8	338.9	316.8	295.2	275.1
-60°	437.2	396.7	380.1	361.7	341.0	320.7	307.1	290.6	271.0	255.5	239.5
-62.5°	333.9	327.6	311.2	296.1	285.1	276.7	260.7	243.7	230.4	218.8	203.2
-65°	253.9	241.6	233.8	233.3	227.2	214.7	202.2	196.2	189.4	178.1	166.1
-67.5°	202.2	196.2	190.9	183.5	177.3	170.9	167.4	161.2	152.9	142.7	135.9
-70°	168.4	164.5	160.1	155.3	150.5	145.1	139.2	132.0	122.8	113.0	107.4
-72.5°	139.4	137.0	133.7	129.6	124.8	120.1	114.3	106.8	98.1	88.1	80.3
-75°	115.3	114.1	112.1	108.3	103.9	99.0	93.0	83.9	72.7	59.0	49.4
-77.5°	88.5	88.4	87.8	84.6	81.8	79.4	74.9	61.7	48.9	37.6	31.9
-80°	55.5	58.3	60.1	58.2	55.8	52.8	48.3	39.5	31.9	25.5	21.5
-82.5°	32.2	33.1	33.4	31.4	29.4	27.7	25.8	21.5	17.7	14.2	11.5
-85°	8.8	8.5	8.3	8.9	9.5	9.8	10.0	8.8	7.7	6.7	6.0
-87.5°	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.6	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: P558867 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-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°	2.2	2.1	2.0	1.9	2.0	2.1	2.1	2.1	1.9	1.7	1.5
85°	6.0	5.9	5.5	5.0	4.7	4.1	4.2	4.1	3.7	3.3	2.9
82.5°	11.6	11.7	11.8	11.7	11.5	11.1	10.4	9.2	7.2	5.3	4.4
80°	24.1	25.5	25.5	24.0	21.0	18.2	17.4	16.1	13.3	10.5	7.9
77.5°	36.8	40.3	42.5	41.6	37.1	32.7	28.4	24.0	19.2	15.7	12.4
75°	50.3	55.0	58.5	58.4	53.6	47.1	41.4	35.5	28.4	21.3	16.8
72.5°	76.2	74.4	75.0	75.4	71.2	65.0	56.6	46.8	38.7	30.4	22.1
70°	102.2	95.4	90.9	90.1	87.9	83.3	75.0	62.3	48.9	39.5	30.0
67.5°	129.6	122.8	114.1	106.4	103.6	99.6	93.2	78.4	62.6	48.5	37.8
65°	157.7	149.6	141.4	130.2	121.6	115.9	109.4	93.6	75.7	59.5	45.5
62.5°	188.3	175.2	164.6	152.5	140.9	132.2	125.2	108.1	88.5	70.0	53.8
60°	222.1	205.2	188.0	173.6	159.8	147.4	137.5	122.8	102.4	80.0	62.1
57.5°	256.3	235.6	214.2	195.1	178.9	163.5	149.2	135.0	116.2	92.2	69.6
55°	290.6	267.6	240.4	217.1	197.9	180.7	162.0	146.0	129.3	104.9	75.3
52.5°	323.8	297.7	268.7	239.7	216.1	196.8	176.1	157.1	139.5	117.6	83.9
50°	364.4	326.6	296.0	264.6	234.2	211.5	189.3	168.7	149.6	129.2	91.9
47.5°	411.3	363.4	323.0	288.9	256.0	226.0	202.5	179.7	159.6	138.2	98.8
45°	504.9	405.4	354.7	314.0	276.6	243.5	215.6	190.0	168.7	142.1	104.7
42.5°	611.9	483.6	391.9	338.7	298.9	261.0	228.3	201.3	177.2	144.7	107.9
40°	869.3	581.3	442.0	371.7	321.2	277.4	242.8	212.5	184.3	146.2	109.2
37.5°	1133.7	762.7	530.1	403.8	344.9	297.3	256.5	223.4	187.5	147.8	109.5
35°	1402.0	999.8	616.4	461.6	373.4	316.7	268.9	234.1	194.3	149.3	109.0
32.5°	1656.7	1228.7	814.4	538.2	400.8	335.4	283.6	244.9	203.1	150.8	107.5
30°	1875.1	1451.1	1010.6	611.3	438.9	358.6	299.8	255.0	213.5	152.3	105.9
27.5°	2073.8	1658.8	1195.0	753.1	502.0	381.0	315.2	264.5	225.4	156.0	106.2
25°	2256.7	1836.0	1373.1	908.5	561.2	402.2	329.1	273.6	234.9	164.1	106.3
22.5°	2418.2	1993.7	1535.9	1050.0	614.6	422.9	344.1	285.1	242.1	172.6	106.1
20°	2563.1	2137.0	1683.9	1180.7	702.5	467.1	360.2	295.4	248.6	181.5	105.5
17.5°	2693.5	2261.6	1808.4	1304.7	807.4	506.2	374.9	304.4	254.5	190.3	104.5
15°	2820.7	2367.4	1914.0	1414.4	899.9	540.1	388.2	312.0	259.7	198.9	104.0
12.5°	2927.6	2457.9	2003.1	1509.2	979.3	568.7	399.8	318.4	264.1	206.6	103.3
10°	3013.5	2532.6	2075.5	1588.5	1045.4	592.0	409.7	323.2	267.6	212.9	101.2
7.5°	3078.2	2591.0	2131.4	1651.8	1097.7	611.3	416.0	326.0	270.3	217.9	98.0
5°	3124.8	2635.1	2172.2	1698.7	1135.5	627.0	420.1	327.4	272.4	221.5	93.8
2.5°	3163.4	2666.1	2197.7	1728.6	1158.5	637.8	422.0	327.6	273.7	223.3	89.0
0°	3182.4	2680.2	2207.5	1741.4	1166.9	643.4	421.8	326.6	274.1	223.2	83.7
-2.5°	3163.4	2666.1	2197.7	1728.6	1158.5	637.8	422.0	327.6	273.7	223.3	89.0
-5°	3124.8	2635.1	2172.2	1698.7	1135.5	627.0	420.1	327.4	272.4	221.5	93.8
-7.5°	3078.2	2591.0	2131.4	1651.8	1097.7	611.3	416.0	326.0	270.3	217.9	98.0
-10°	3013.5	2532.6	2075.5	1588.5	1045.4	592.0	409.7	323.2	267.6	212.9	101.2
-12.5°	2927.6	2457.9	2003.1	1509.2	979.3	568.7	399.8	318.4	264.1	206.6	103.3
-15°	2820.7	2367.4	1914.0	1414.4	899.9	540.1	388.2	312.0	259.7	198.9	104.0
-17.5°	2693.5	2261.6	1808.4	1304.7	807.4	506.2	374.9	304.4	254.5	190.3	104.5
-20°	2563.1	2137.0	1683.9	1180.7	702.5	467.1	360.2	295.4	248.6	181.5	105.5



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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°	2418.2	1993.7	1535.9	1050.0	614.6	422.9	344.1	285.1	242.1	172.6	106.1
-25°	2256.7	1836.0	1373.1	908.5	561.2	402.2	329.1	273.6	234.9	164.1	106.3
-27.5°	2073.8	1658.8	1195.0	753.1	502.0	381.0	315.2	264.5	225.4	156.0	106.2
-30°	1875.1	1451.1	1010.6	611.3	438.9	358.6	299.8	255.0	213.5	152.3	105.9
-32.5°	1656.7	1228.7	814.4	538.2	400.8	335.4	283.6	244.9	203.1	150.8	107.5
-35°	1402.0	999.8	616.4	461.6	373.4	316.7	268.9	234.1	194.3	149.3	109.0
-37.5°	1133.7	762.7	530.1	403.8	344.9	297.3	256.5	223.4	187.5	147.8	109.5
-40°	869.3	581.3	442.0	371.7	321.2	277.4	242.8	212.5	184.3	146.2	109.2
-42.5°	611.9	483.6	391.9	338.7	298.9	261.0	228.3	201.3	177.2	144.7	107.9
-45°	504.9	405.4	354.7	314.0	276.6	243.5	215.6	190.0	168.7	142.1	104.7
-47.5°	411.3	363.4	323.0	288.9	256.0	226.0	202.5	179.7	159.6	138.2	98.8
-50°	364.4	326.6	296.0	264.6	234.2	211.5	189.3	168.7	149.6	129.2	91.9
-52.5°	323.8	297.7	268.7	239.7	216.1	196.8	176.1	157.1	139.5	117.6	83.9
-55°	290.6	267.6	240.4	217.1	197.9	180.7	162.0	146.0	129.3	104.9	75.3
-57.5°	256.3	235.6	214.2	195.1	178.9	163.5	149.2	135.0	116.2	92.2	69.6
-60°	222.1	205.2	188.0	173.6	159.8	147.4	137.5	122.8	102.4	80.0	62.1
-62.5°	188.3	175.2	164.6	152.5	140.9	132.2	125.2	108.1	88.5	70.0	53.8
-65°	157.7	149.6	141.4	130.2	121.6	115.9	109.4	93.6	75.7	59.5	45.5
-67.5°	129.6	122.8	114.1	106.4	103.6	99.6	93.2	78.4	62.6	48.5	37.8
-70°	102.2	95.4	90.9	90.1	87.9	83.3	75.0	62.3	48.9	39.5	30.0
-72.5°	76.2	74.4	75.0	75.4	71.2	65.0	56.6	46.8	38.7	30.4	22.1
-75°	50.3	55.0	58.5	58.4	53.6	47.1	41.4	35.5	28.4	21.3	16.8
-77.5°	36.8	40.3	42.5	41.6	37.1	32.7	28.4	24.0	19.2	15.7	12.4
-80°	24.1	25.5	25.5	24.0	21.0	18.2	17.4	16.1	13.3	10.5	7.9
-82.5°	11.6	11.7	11.8	11.7	11.5	11.1	10.4	9.2	7.2	5.3	4.4
-85°	6.0	5.9	5.5	5.0	4.7	4.1	4.2	4.1	3.7	3.3	2.9
-87.5°	2.2	2.1	2.0	1.9	2.0	2.1	2.1	2.1	1.9	1.7	1.5
-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°	1.3	1.1	0.9	0.6	0.4	0.2	0.0
85°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
82.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
80°	5.3	4.2	3.4	2.5	1.7	0.9	0.0
77.5°	9.0	5.8	4.2	3.2	2.1	1.1	0.0
75°	12.6	8.4	5.2	3.8	2.5	1.3	0.0
72.5°	16.1	11.0	6.9	4.4	2.9	1.5	0.0
70°	19.8	13.4	8.6	5.1	3.3	1.7	0.0
67.5°	25.8	15.7	10.2	6.1	3.7	1.9	0.0
65°	31.5	18.8	11.7	7.0	4.1	2.1	0.0
62.5°	36.8	22.5	13.1	7.9	4.5	2.3	0.0
60°	41.6	25.9	14.4	8.8	4.9	2.4	0.0
57.5°	46.4	29.0	16.5	9.6	5.4	2.6	0.0
55°	50.7	31.7	18.3	10.3	5.9	2.8	0.0
52.5°	54.4	34.1	19.9	11.0	6.3	3.0	0.0
50°	57.5	36.4	21.3	11.6	6.8	3.1	0.0
47.5°	60.4	38.2	22.5	12.2	7.2	3.3	0.0
45°	65.3	39.6	23.4	12.8	7.6	3.5	0.0
42.5°	69.4	40.5	24.0	13.3	8.0	3.6	0.0
40°	72.6	40.9	24.5	13.9	8.4	3.8	0.0
37.5°	75.1	40.9	24.7	14.6	8.8	3.9	0.0
35°	76.7	41.9	24.6	15.2	9.1	4.0	0.0
32.5°	77.0	43.0	24.2	15.8	9.4	4.1	0.0
30°	75.6	43.5	23.6	16.4	9.7	4.2	0.0
27.5°	73.5	43.5	24.2	16.9	10.0	4.3	0.0
25°	70.8	43.0	24.9	17.4	10.3	4.4	0.0
22.5°	67.6	43.0	25.6	17.8	10.5	4.5	0.0
20°	63.9	45.0	26.3	18.2	10.7	4.6	0.0
17.5°	63.2	46.8	26.9	18.6	10.9	4.7	0.0
15°	64.5	48.3	27.4	18.9	11.0	4.7	0.0
12.5°	65.6	49.6	27.9	19.1	11.2	4.8	0.0
10°	66.6	50.7	28.4	19.3	11.3	4.8	0.0
7.5°	67.4	51.5	28.8	19.5	11.4	4.9	0.0
5°	68.1	52.0	29.1	19.6	11.4	4.9	0.0
2.5°	68.6	52.4	29.3	19.7	11.5	4.9	0.0
0°	68.9	52.5	29.5	19.7	11.5	4.9	0.0
-2.5°	68.6	52.4	29.3	19.7	11.5	4.9	0.0
-5°	68.1	52.0	29.1	19.6	11.4	4.9	0.0
-7.5°	67.4	51.5	28.8	19.5	11.4	4.9	0.0
-10°	66.6	50.7	28.4	19.3	11.3	4.8	0.0
-12.5°	65.6	49.6	27.9	19.1	11.2	4.8	0.0
-15°	64.5	48.3	27.4	18.9	11.0	4.7	0.0
-17.5°	63.2	46.8	26.9	18.6	10.9	4.7	0.0
-20°	63.9	45.0	26.3	18.2	10.7	4.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	67.6	43.0	25.6	17.8	10.5	4.5	0.0
-25°	70.8	43.0	24.9	17.4	10.3	4.4	0.0
-27.5°	73.5	43.5	24.2	16.9	10.0	4.3	0.0
-30°	75.6	43.5	23.6	16.4	9.7	4.2	0.0
-32.5°	77.0	43.0	24.2	15.8	9.4	4.1	0.0
-35°	76.7	41.9	24.6	15.2	9.1	4.0	0.0
-37.5°	75.1	40.9	24.7	14.6	8.8	3.9	0.0
-40°	72.6	40.9	24.5	13.9	8.4	3.8	0.0
-42.5°	69.4	40.5	24.0	13.3	8.0	3.6	0.0
-45°	65.3	39.6	23.4	12.8	7.6	3.5	0.0
-47.5°	60.4	38.2	22.5	12.2	7.2	3.3	0.0
-50°	57.5	36.4	21.3	11.6	6.8	3.1	0.0
-52.5°	54.4	34.1	19.9	11.0	6.3	3.0	0.0
-55°	50.7	31.7	18.3	10.3	5.9	2.8	0.0
-57.5°	46.4	29.0	16.5	9.6	5.4	2.6	0.0
-60°	41.6	25.9	14.4	8.8	4.9	2.4	0.0
-62.5°	36.8	22.5	13.1	7.9	4.5	2.3	0.0
-65°	31.5	18.8	11.7	7.0	4.1	2.1	0.0
-67.5°	25.8	15.7	10.2	6.1	3.7	1.9	0.0
-70°	19.8	13.4	8.6	5.1	3.3	1.7	0.0
-72.5°	16.1	11.0	6.9	4.4	2.9	1.5	0.0
-75°	12.6	8.4	5.2	3.8	2.5	1.3	0.0
-77.5°	9.0	5.8	4.2	3.2	2.1	1.1	0.0
-80°	5.3	4.2	3.4	2.5	1.7	0.9	0.0
-82.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
-85°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)