

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: P558851 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-927-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558851 (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-927-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (48) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

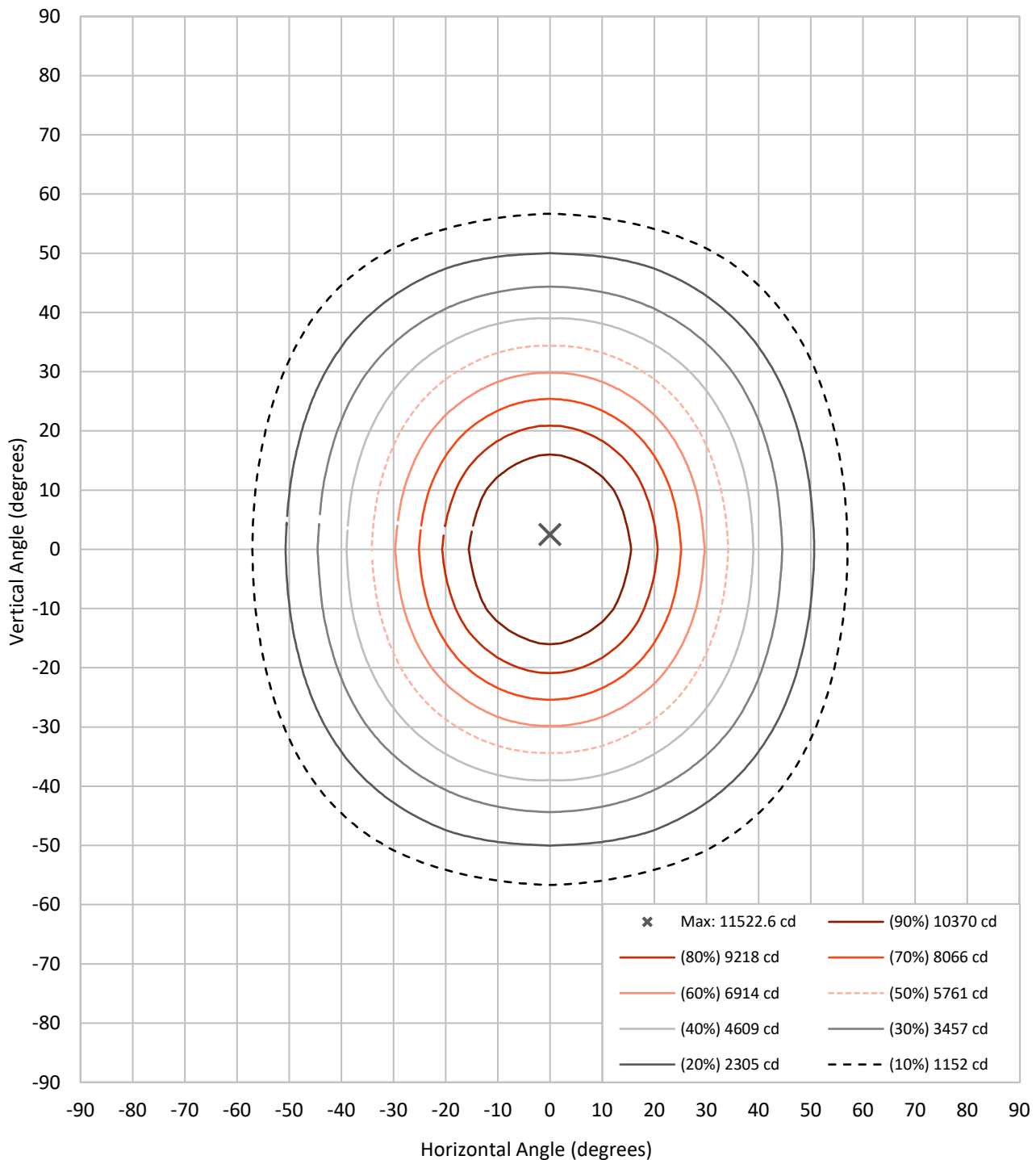
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15594.8 lumens	Max Intensity:	11522.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	85.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	9350.2 lumens	Field Lumens:	14897.2 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



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Iso-Candela Plot





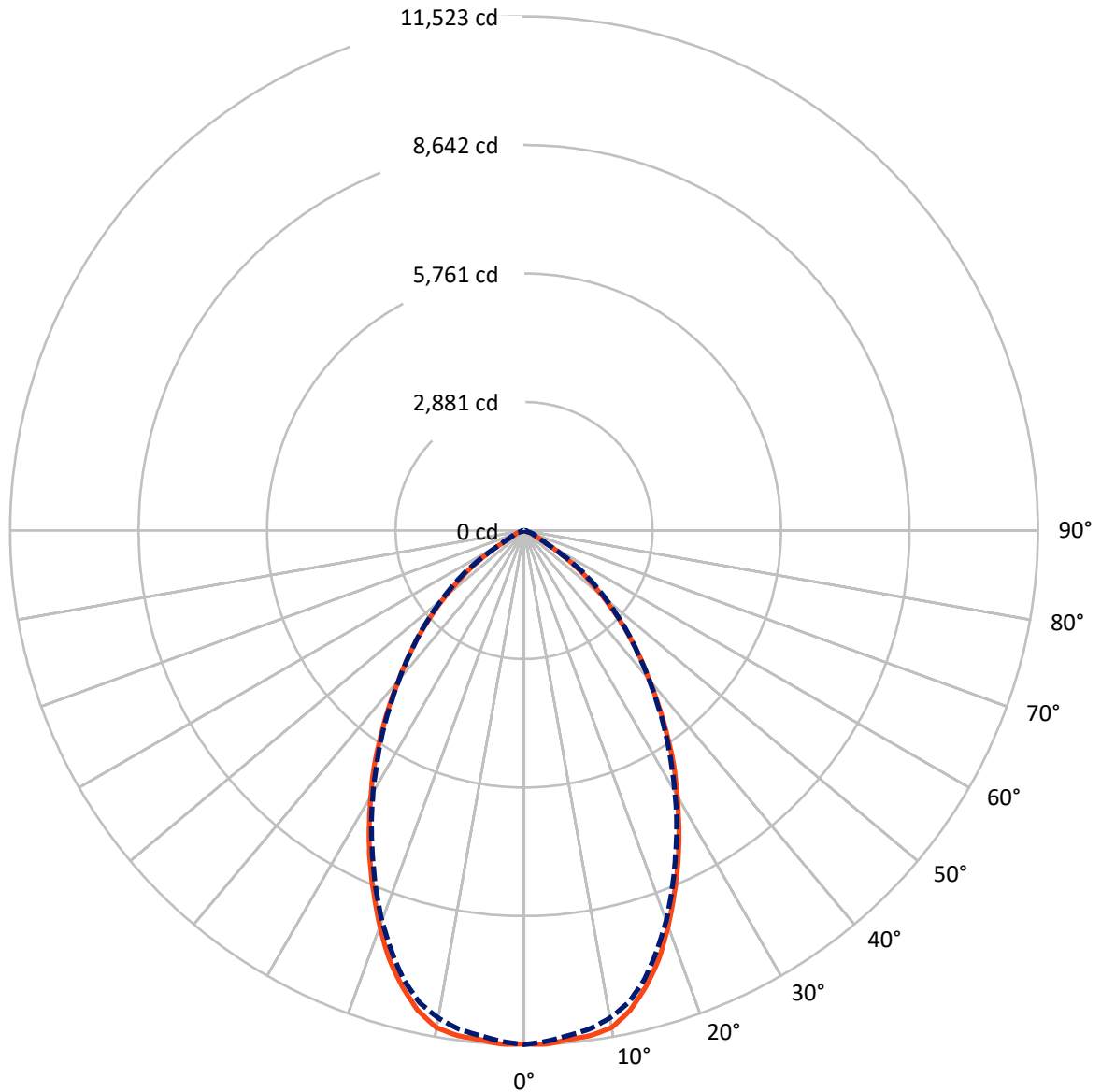
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Lumen Table

90																			
80	0.1	1.5		3.7		6.5		4.6		6.5		3.7		1.5		0.1			
70																			
60	0.7	1.1	2.1	3.3	4.8	6.3	7.7	8.7	8.7	7.7	6.3	4.8	3.3	2.1	1.1	0.7			
50		1.7	3.5	6.3	12.1	23.4	35.2	42.1	42.1	35.2	23.4	12.1	6.3	3.5	1.7				
40	1.2	2.3	5.1	14.9	39.3	65.4	86.9	99.1	99.1	86.9	65.4	39.3	14.9	5.1	2.3	1.2			
30		2.8	8.8	34.4	70.6	110.2	146.0	167.5	167.5	146.0	110.2	70.6	34.4	8.8	2.8				
20	1.3	3.3	16.0	52.1	100.1	156.7	209.5	242.6	242.6	209.5	156.7	100.1	52.1	16.0	3.3	1.3			
10		3.9	22.8	64.8	123.4	195.8	266.7	311.5	311.5	266.7	195.8	123.4	64.8	22.8	3.9				
0	1.4	4.3	26.6	71.6	136.5	218.8	299.6	342.4	342.4	299.6	218.8	136.5	71.6	26.6	4.3	1.4			
-10		4.3	26.6	71.6	136.5	218.8	299.6	342.4	342.4	299.6	218.8	136.5	71.6	26.6	4.3				
-20	1.3	3.9	22.8	64.8	123.4	195.8	266.7	311.5	311.5	266.7	195.8	123.4	64.8	22.8	3.9	1.3			
-30		3.3	16.0	52.1	100.1	156.7	209.5	242.6	242.6	209.5	156.7	100.1	52.1	16.0	3.3				
-40	1.2	2.8	8.8	34.4	70.6	110.2	146.0	167.5	167.5	146.0	110.2	70.6	34.4	8.8	2.8	1.2			
-50		2.3	5.1	14.9	39.3	65.4	86.9	99.1	99.1	86.9	65.4	39.3	14.9	5.1	2.3				
-60	0.7	1.7	3.5	6.3	12.1	23.4	35.2	42.1	42.1	35.2	23.4	12.1	6.3	3.5	1.7	0.7			
-70		1.1	2.1	3.3	4.8	6.3	7.7	8.7	8.7	7.7	6.3	4.8	3.3	2.1	1.1				
-80																			
-90	0.1	1.5		3.7		6.5		4.6		6.5		3.7		1.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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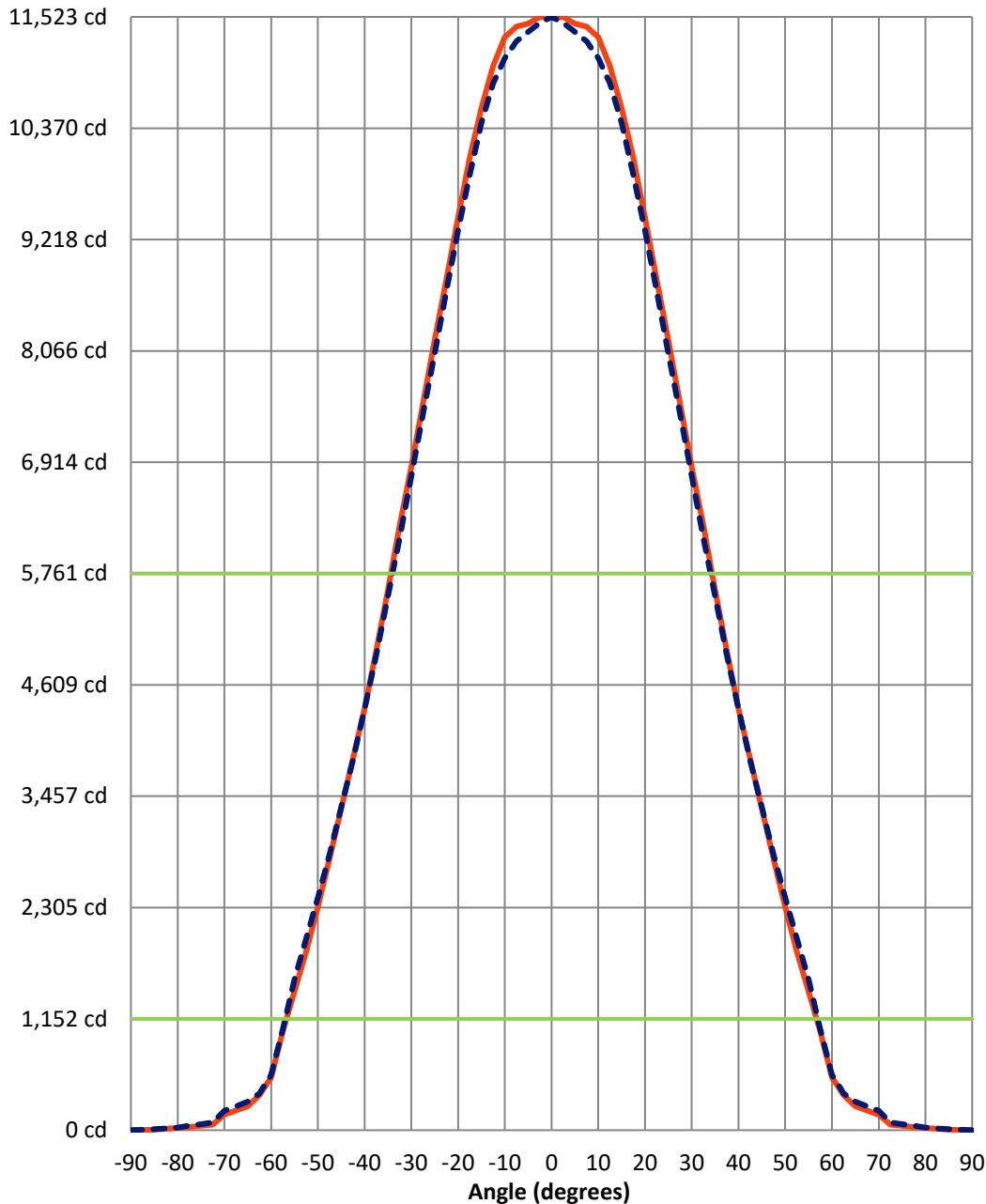
Luminous Intensity Polar Plot



— 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: 9350.2
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 14897.2
Efficiency: 95.5%

Spill:
Lumens: 697.6
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	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
85°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.7
82.5°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.0	4.7	6.5	8.3
80°	0.0	0.8	1.5	2.3	3.0	3.8	4.8	7.1	9.5	12.0	14.5
77.5°	0.0	1.0	1.9	2.8	3.8	5.2	8.1	11.2	14.2	17.4	21.7
75°	0.0	1.1	2.3	3.4	4.7	7.6	11.4	15.2	19.2	25.7	32.0
72.5°	0.0	1.3	2.6	4.0	6.2	9.9	14.5	20.0	27.5	34.9	42.3
70°	0.0	1.5	3.0	4.6	7.8	12.1	17.9	27.1	35.7	44.2	56.2
67.5°	0.0	1.7	3.4	5.5	9.2	14.2	23.4	34.2	43.8	56.5	70.7
65°	0.0	1.9	3.7	6.3	10.6	17.0	28.5	41.1	53.7	68.3	84.4
62.5°	0.0	2.0	4.1	7.2	11.9	20.3	33.2	48.6	63.1	79.9	97.6
60°	0.0	2.2	4.4	7.9	13.1	23.4	37.6	56.1	72.2	92.4	110.8
57.5°	0.0	2.4	4.8	8.7	14.9	26.2	41.9	62.8	83.2	104.9	121.8
55°	0.0	2.5	5.3	9.3	16.5	28.7	45.8	68.0	94.7	116.7	131.8
52.5°	0.0	2.7	5.7	9.9	18.0	30.8	49.1	75.7	106.2	125.9	141.8
50°	0.0	2.8	6.1	10.5	19.3	32.9	51.9	82.9	116.6	135.0	152.3
47.5°	0.0	3.0	6.5	11.0	20.3	34.5	54.5	89.2	124.8	144.1	162.2
45°	0.0	3.1	6.9	11.6	21.1	35.7	58.9	94.5	128.3	152.3	171.5
42.5°	0.0	3.2	7.2	12.0	21.7	36.5	62.6	97.4	130.6	159.9	181.7
40°	0.0	3.4	7.6	12.6	22.1	37.0	65.6	98.6	132.0	166.4	191.8
37.5°	0.0	3.5	7.9	13.2	22.3	36.9	67.8	98.9	133.4	169.1	201.6
35°	0.0	3.6	8.2	13.8	22.2	37.8	69.2	98.4	134.8	175.4	211.3
32.5°	0.0	3.7	8.5	14.3	21.9	38.8	69.5	97.0	136.1	183.2	221.0
30°	0.0	3.8	8.8	14.8	21.3	39.3	68.2	95.6	137.4	192.7	230.2
27.5°	0.0	3.9	9.0	15.3	21.9	39.3	66.3	95.9	140.8	203.5	238.8
25°	0.0	4.0	9.3	15.7	22.5	38.9	63.9	95.9	148.1	212.0	246.9
22.5°	0.0	4.1	9.5	16.1	23.2	38.8	61.0	95.7	155.8	218.5	257.4
20°	0.0	4.1	9.7	16.5	23.7	40.7	57.6	95.2	163.7	224.4	266.6
17.5°	0.0	4.2	9.8	16.8	24.3	42.3	57.0	94.3	171.7	229.7	274.7
15°	0.0	4.2	10.0	17.0	24.8	43.6	58.2	93.8	179.5	234.4	281.6
12.5°	0.0	4.3	10.1	17.3	25.3	44.8	59.2	93.2	186.4	238.4	287.4
10°	0.0	4.3	10.2	17.5	25.7	45.8	60.1	91.3	192.1	241.5	291.7
7.5°	0.0	4.4	10.3	17.6	26.0	46.5	60.9	88.4	196.7	244.0	294.2
5°	0.0	4.4	10.4	17.7	26.3	47.0	61.5	84.6	199.9	245.8	295.5
2.5°	0.0	4.4	10.4	17.8	26.5	47.3	61.9	80.3	201.5	247.0	295.7
0°	0.0	4.4	10.4	17.8	26.7	47.4	62.2	75.5	201.4	247.4	294.8
-2.5°	0.0	4.4	10.4	17.8	26.5	47.3	61.9	80.3	201.5	247.0	295.7
-5°	0.0	4.4	10.4	17.7	26.3	47.0	61.5	84.6	199.9	245.8	295.5
-7.5°	0.0	4.4	10.3	17.6	26.0	46.5	60.9	88.4	196.7	244.0	294.2
-10°	0.0	4.3	10.2	17.5	25.7	45.8	60.1	91.3	192.1	241.5	291.7
-12.5°	0.0	4.3	10.1	17.3	25.3	44.8	59.2	93.2	186.4	238.4	287.4
-15°	0.0	4.2	10.0	17.0	24.8	43.6	58.2	93.8	179.5	234.4	281.6
-17.5°	0.0	4.2	9.8	16.8	24.3	42.3	57.0	94.3	171.7	229.7	274.7
-20°	0.0	4.1	9.7	16.5	23.7	40.7	57.6	95.2	163.7	224.4	266.6



REPORT NUMBER: P558851 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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	4.1	9.5	16.1	23.2	38.8	61.0	95.7	155.8	218.5	257.4
-25°	0.0	4.0	9.3	15.7	22.5	38.9	63.9	95.9	148.1	212.0	246.9
-27.5°	0.0	3.9	9.0	15.3	21.9	39.3	66.3	95.9	140.8	203.5	238.8
-30°	0.0	3.8	8.8	14.8	21.3	39.3	68.2	95.6	137.4	192.7	230.2
-32.5°	0.0	3.7	8.5	14.3	21.9	38.8	69.5	97.0	136.1	183.2	221.0
-35°	0.0	3.6	8.2	13.8	22.2	37.8	69.2	98.4	134.8	175.4	211.3
-37.5°	0.0	3.5	7.9	13.2	22.3	36.9	67.8	98.9	133.4	169.1	201.6
-40°	0.0	3.4	7.6	12.6	22.1	37.0	65.6	98.6	132.0	166.4	191.8
-42.5°	0.0	3.2	7.2	12.0	21.7	36.5	62.6	97.4	130.6	159.9	181.7
-45°	0.0	3.1	6.9	11.6	21.1	35.7	58.9	94.5	128.3	152.3	171.5
-47.5°	0.0	3.0	6.5	11.0	20.3	34.5	54.5	89.2	124.8	144.1	162.2
-50°	0.0	2.8	6.1	10.5	19.3	32.9	51.9	82.9	116.6	135.0	152.3
-52.5°	0.0	2.7	5.7	9.9	18.0	30.8	49.1	75.7	106.2	125.9	141.8
-55°	0.0	2.5	5.3	9.3	16.5	28.7	45.8	68.0	94.7	116.7	131.8
-57.5°	0.0	2.4	4.8	8.7	14.9	26.2	41.9	62.8	83.2	104.9	121.8
-60°	0.0	2.2	4.4	7.9	13.1	23.4	37.6	56.1	72.2	92.4	110.8
-62.5°	0.0	2.0	4.1	7.2	11.9	20.3	33.2	48.6	63.1	79.9	97.6
-65°	0.0	1.9	3.7	6.3	10.6	17.0	28.5	41.1	53.7	68.3	84.4
-67.5°	0.0	1.7	3.4	5.5	9.2	14.2	23.4	34.2	43.8	56.5	70.7
-70°	0.0	1.5	3.0	4.6	7.8	12.1	17.9	27.1	35.7	44.2	56.2
-72.5°	0.0	1.3	2.6	4.0	6.2	9.9	14.5	20.0	27.5	34.9	42.3
-75°	0.0	1.1	2.3	3.4	4.7	7.6	11.4	15.2	19.2	25.7	32.0
-77.5°	0.0	1.0	1.9	2.8	3.8	5.2	8.1	11.2	14.2	17.4	21.7
-80°	0.0	0.8	1.5	2.3	3.0	3.8	4.8	7.1	9.5	12.0	14.5
-82.5°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.0	4.7	6.5	8.3
-85°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.7
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	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



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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°	1.9	1.9	1.8	1.7	1.8	1.9	2.0	2.1	1.9	1.7	1.5
85°	3.7	3.7	4.2	4.5	5.0	5.3	5.5	5.5	6.1	6.9	7.9
82.5°	9.4	10.0	10.4	10.5	10.7	10.6	10.5	10.5	12.8	15.9	19.4
80°	15.8	16.4	18.9	21.6	23.0	23.0	21.7	19.4	22.9	28.7	35.6
77.5°	25.7	29.5	33.5	37.6	38.3	36.4	33.2	28.8	33.9	44.1	55.7
75°	37.4	42.5	48.4	52.7	52.8	49.6	45.5	44.6	53.2	65.6	75.8
72.5°	51.0	58.6	64.3	68.0	67.7	67.2	68.8	72.4	79.5	88.5	96.4
70°	67.6	75.2	79.4	81.3	82.0	86.2	92.3	96.9	101.9	110.8	119.1
67.5°	84.1	89.9	93.5	96.0	103.0	110.8	116.9	122.6	128.8	137.9	145.4
65°	98.7	104.6	109.8	117.5	127.6	135.0	142.3	149.9	160.7	170.9	177.1
62.5°	113.0	119.3	127.2	137.6	148.6	158.1	170.0	183.4	197.5	208.0	219.9
60°	124.1	133.1	144.2	156.6	169.6	185.2	200.5	216.2	230.6	244.6	262.2
57.5°	134.7	147.6	161.5	176.1	193.3	212.7	231.3	248.3	266.4	286.0	305.9
55°	146.2	163.1	178.6	196.0	217.0	241.6	262.3	282.4	304.1	337.0	365.7
52.5°	158.9	177.6	195.0	216.3	242.5	268.7	292.3	320.5	356.7	405.6	484.7
50°	170.9	190.9	211.3	238.8	267.1	294.7	328.9	368.2	440.8	531.8	691.2
47.5°	182.8	204.0	231.0	260.7	291.5	328.0	371.3	457.2	556.2	782.9	1008.8
45°	194.6	219.8	249.6	283.3	320.1	365.9	455.8	561.7	831.0	1091.8	1363.4
42.5°	206.1	235.6	269.7	305.6	353.6	436.5	552.3	832.1	1123.7	1423.2	1683.9
40°	219.2	250.3	289.9	335.4	398.9	524.7	784.6	1099.6	1428.2	1711.2	1964.9
37.5°	231.5	268.3	311.3	364.3	478.4	688.4	1023.2	1372.6	1690.9	1967.3	2238.4
35°	242.7	285.8	337.0	416.6	556.3	902.3	1265.3	1620.7	1924.8	2220.1	2516.5
32.5°	256.0	302.7	361.7	485.7	735.0	1108.9	1495.2	1833.8	2152.3	2467.1	2805.7
30°	270.6	323.6	396.1	551.7	912.1	1309.6	1692.3	2038.2	2368.5	2718.1	3080.7
27.5°	284.5	343.8	453.0	679.6	1078.5	1497.1	1871.6	2227.6	2582.2	2954.4	3344.9
25°	297.0	363.0	506.5	819.9	1239.2	1657.0	2036.6	2399.0	2781.7	3186.4	3597.2
22.5°	310.5	381.6	554.6	947.6	1386.2	1799.3	2182.4	2566.5	2971.7	3400.5	3829.0
20°	325.1	421.6	633.9	1065.6	1519.8	1928.6	2313.2	2722.2	3149.4	3593.5	4046.2
17.5°	338.4	456.8	728.7	1177.5	1632.1	2041.1	2430.9	2863.2	3303.9	3768.2	4245.0
15°	350.3	487.4	812.1	1276.5	1727.4	2136.6	2545.7	2988.3	3441.2	3924.9	4420.1
12.5°	360.8	513.3	883.9	1362.1	1807.8	2218.3	2642.2	3093.9	3563.7	4061.8	4577.8
10°	369.8	534.4	943.5	1433.6	1873.2	2285.7	2719.7	3181.8	3661.1	4172.1	4705.1
7.5°	375.5	551.7	990.7	1490.8	1923.6	2338.4	2778.1	3251.0	3732.4	4258.2	4801.3
5°	379.1	565.9	1024.9	1533.0	1960.4	2378.2	2820.2	3300.7	3778.1	4318.5	4866.1
2.5°	380.9	575.6	1045.7	1560.1	1983.5	2406.2	2855.0	3344.3	3826.3	4361.6	4916.2
0°	380.7	580.6	1053.2	1571.6	1992.3	2418.9	2872.1	3366.9	3857.2	4380.0	4950.3
-2.5°	380.9	575.6	1045.7	1560.1	1983.5	2406.2	2855.0	3344.3	3826.3	4361.6	4916.2
-5°	379.1	565.9	1024.9	1533.0	1960.4	2378.2	2820.2	3300.7	3778.1	4318.5	4866.1
-7.5°	375.5	551.7	990.7	1490.8	1923.6	2338.4	2778.1	3251.0	3732.4	4258.2	4801.3
-10°	369.8	534.4	943.5	1433.6	1873.2	2285.7	2719.7	3181.8	3661.1	4172.1	4705.1
-12.5°	360.8	513.3	883.9	1362.1	1807.8	2218.3	2642.2	3093.9	3563.7	4061.8	4577.8
-15°	350.3	487.4	812.1	1276.5	1727.4	2136.6	2545.7	2988.3	3441.2	3924.9	4420.1
-17.5°	338.4	456.8	728.7	1177.5	1632.1	2041.1	2430.9	2863.2	3303.9	3768.2	4245.0
-20°	325.1	421.6	633.9	1065.6	1519.8	1928.6	2313.2	2722.2	3149.4	3593.5	4046.2



REPORT NUMBER: P558851 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	310.5	381.6	554.6	947.6	1386.2	1799.3	2182.4	2566.5	2971.7	3400.5	3829.0
-25°	297.0	363.0	506.5	819.9	1239.2	1657.0	2036.6	2399.0	2781.7	3186.4	3597.2
-27.5°	284.5	343.8	453.0	679.6	1078.5	1497.1	1871.6	2227.6	2582.2	2954.4	3344.9
-30°	270.6	323.6	396.1	551.7	912.1	1309.6	1692.3	2038.2	2368.5	2718.1	3080.7
-32.5°	256.0	302.7	361.7	485.7	735.0	1108.9	1495.2	1833.8	2152.3	2467.1	2805.7
-35°	242.7	285.8	337.0	416.6	556.3	902.3	1265.3	1620.7	1924.8	2220.1	2516.5
-37.5°	231.5	268.3	311.3	364.3	478.4	688.4	1023.2	1372.6	1690.9	1967.3	2238.4
-40°	219.2	250.3	289.9	335.4	398.9	524.7	784.6	1099.6	1428.2	1711.2	1964.9
-42.5°	206.1	235.6	269.7	305.6	353.6	436.5	552.3	832.1	1123.7	1423.2	1683.9
-45°	194.6	219.8	249.6	283.3	320.1	365.9	455.8	561.7	831.0	1091.8	1363.4
-47.5°	182.8	204.0	231.0	260.7	291.5	328.0	371.3	457.2	556.2	782.9	1008.8
-50°	170.9	190.9	211.3	238.8	267.1	294.7	328.9	368.2	440.8	531.8	691.2
-52.5°	158.9	177.6	195.0	216.3	242.5	268.7	292.3	320.5	356.7	405.6	484.7
-55°	146.2	163.1	178.6	196.0	217.0	241.6	262.3	282.4	304.1	337.0	365.7
-57.5°	134.7	147.6	161.5	176.1	193.3	212.7	231.3	248.3	266.4	286.0	305.9
-60°	124.1	133.1	144.2	156.6	169.6	185.2	200.5	216.2	230.6	244.6	262.2
-62.5°	113.0	119.3	127.2	137.6	148.6	158.1	170.0	183.4	197.5	208.0	219.9
-65°	98.7	104.6	109.8	117.5	127.6	135.0	142.3	149.9	160.7	170.9	177.1
-67.5°	84.1	89.9	93.5	96.0	103.0	110.8	116.9	122.6	128.8	137.9	145.4
-70°	67.6	75.2	79.4	81.3	82.0	86.2	92.3	96.9	101.9	110.8	119.1
-72.5°	51.0	58.6	64.3	68.0	67.7	67.2	68.8	72.4	79.5	88.5	96.4
-75°	37.4	42.5	48.4	52.7	52.8	49.6	45.5	44.6	53.2	65.6	75.8
-77.5°	25.7	29.5	33.5	37.6	38.3	36.4	33.2	28.8	33.9	44.1	55.7
-80°	15.8	16.4	18.9	21.6	23.0	23.0	21.7	19.4	22.9	28.7	35.6
-82.5°	9.4	10.0	10.4	10.5	10.7	10.6	10.5	10.5	12.8	15.9	19.4
-85°	3.7	3.7	4.2	4.5	5.0	5.3	5.5	5.5	6.1	6.9	7.9
-87.5°	1.9	1.9	1.8	1.7	1.8	1.9	2.0	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



REPORT NUMBER: P558851 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
85°	9.0	8.9	8.6	8.1	7.5	7.8	8.0	8.2	8.4	7.8	7.2
82.5°	23.2	24.9	26.5	28.3	30.1	29.8	29.0	27.8	26.2	23.4	20.2
80°	43.5	47.6	50.3	52.5	54.2	52.6	50.0	47.1	43.8	38.9	33.6
77.5°	67.6	71.7	73.8	76.4	79.2	79.8	79.9	80.2	80.5	71.4	59.9
75°	83.9	89.3	93.8	97.8	101.2	103.0	104.1	105.2	106.3	94.2	78.4
72.5°	103.2	108.4	112.7	117.0	120.8	123.7	125.9	127.7	129.2	119.4	105.6
70°	125.6	130.9	135.8	140.2	144.6	148.5	152.0	155.3	158.2	158.8	159.5
67.5°	151.0	154.2	160.0	165.6	172.2	177.1	182.5	187.6	192.2	196.2	199.5
65°	182.5	193.7	205.0	210.5	211.0	218.0	229.1	235.3	237.1	238.5	242.0
62.5°	235.3	249.7	257.3	267.2	280.8	295.7	301.4	309.5	319.5	330.8	341.0
60°	277.2	289.5	307.8	326.4	343.0	358.1	394.6	427.0	454.8	478.8	501.8
57.5°	329.2	349.5	377.5	428.0	474.2	516.0	587.4	674.5	752.2	820.2	879.9
55°	412.2	471.2	524.4	643.6	770.9	881.1	984.3	1094.7	1184.5	1254.8	1319.8
52.5°	553.7	716.0	880.5	1035.3	1187.5	1326.0	1450.2	1548.1	1624.5	1681.8	1736.0
50°	886.3	1082.0	1282.4	1467.0	1616.5	1753.1	1882.5	1979.5	2060.7	2130.6	2192.4
47.5°	1249.0	1478.1	1667.5	1837.7	1998.8	2150.3	2291.8	2409.9	2510.0	2602.2	2679.0
45°	1609.9	1814.8	2009.0	2191.6	2366.9	2536.8	2689.0	2823.4	2955.7	3065.1	3151.6
42.5°	1915.1	2132.0	2338.6	2547.6	2743.6	2934.1	3118.0	3281.4	3422.0	3541.5	3637.7
40°	2208.1	2441.9	2687.3	2919.3	3152.0	3369.4	3573.2	3759.7	3919.8	4061.4	4181.1
37.5°	2506.2	2779.2	3048.8	3313.2	3569.7	3806.2	4040.0	4255.2	4442.8	4608.3	4747.4
35°	2820.8	3121.7	3415.1	3713.1	3993.1	4266.7	4525.2	4762.1	4969.8	5164.9	5332.6
32.5°	3136.0	3462.1	3792.4	4114.8	4425.0	4731.5	5015.0	5282.0	5527.6	5743.5	5922.5
30°	3443.0	3801.9	4155.3	4506.6	4860.7	5194.5	5508.6	5801.8	6068.3	6303.5	6506.9
27.5°	3737.4	4123.3	4502.4	4904.1	5288.9	5652.1	5993.2	6308.5	6606.0	6873.5	7104.3
25°	4009.9	4419.8	4861.7	5283.0	5694.7	6097.5	6471.3	6813.8	7153.9	7448.2	7698.8
22.5°	4267.4	4724.8	5190.0	5631.9	6086.2	6529.1	6947.5	7344.4	7707.7	8016.0	8283.3
20°	4512.2	5004.5	5483.8	5973.1	6465.0	6942.8	7403.6	7827.8	8211.6	8547.6	8849.0
17.5°	4743.5	5252.8	5762.2	6284.6	6815.9	7318.2	7806.4	8267.9	8686.9	9059.6	9399.4
15°	4943.4	5469.8	6015.2	6570.5	7126.1	7660.3	8178.4	8681.1	9152.5	9558.3	9900.9
12.5°	5113.4	5661.7	6238.7	6821.3	7407.0	7966.9	8516.1	9054.0	9555.1	9991.3	10343.1
10°	5254.4	5828.9	6431.6	7038.4	7639.1	8220.9	8792.0	9348.6	9886.9	10339.0	10700.4
7.5°	5371.9	5968.4	6585.1	7210.2	7816.4	8420.5	9016.2	9578.4	10108.7	10585.5	10956.8
5°	5459.7	6066.2	6695.8	7336.5	7952.0	8577.7	9191.1	9766.4	10291.4	10723.5	11026.5
2.5°	5525.0	6127.0	6767.7	7412.6	8036.3	8684.6	9311.0	9887.0	10424.3	10833.2	11095.8
0°	5569.5	6160.5	6833.0	7465.5	8099.5	8764.5	9383.7	9965.8	10505.0	10904.9	11176.0
-2.5°	5525.0	6127.0	6767.7	7412.6	8036.3	8684.6	9311.0	9887.0	10424.3	10833.2	11095.8
-5°	5459.7	6066.2	6695.8	7336.5	7952.0	8577.7	9191.1	9766.4	10291.4	10723.5	11026.5
-7.5°	5371.9	5968.4	6585.1	7210.2	7816.4	8420.5	9016.2	9578.4	10108.7	10585.5	10956.8
-10°	5254.4	5828.9	6431.6	7038.4	7639.1	8220.9	8792.0	9348.6	9886.9	10339.0	10700.4
-12.5°	5113.4	5661.7	6238.7	6821.3	7407.0	7966.9	8516.1	9054.0	9555.1	9991.3	10343.1
-15°	4943.4	5469.8	6015.2	6570.5	7126.1	7660.3	8178.4	8681.1	9152.5	9558.3	9900.9
-17.5°	4743.5	5252.8	5762.2	6284.6	6815.9	7318.2	7806.4	8267.9	8686.9	9059.6	9399.4
-20°	4512.2	5004.5	5483.8	5973.1	6465.0	6942.8	7403.6	7827.8	8211.6	8547.6	8849.0



REPORT NUMBER: P558851 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4267.4	4724.8	5190.0	5631.9	6086.2	6529.1	6947.5	7344.4	7707.7	8016.0	8283.3
-25°	4009.9	4419.8	4861.7	5283.0	5694.7	6097.5	6471.3	6813.8	7153.9	7448.2	7698.8
-27.5°	3737.4	4123.3	4502.4	4904.1	5288.9	5652.1	5993.2	6308.5	6606.0	6873.5	7104.3
-30°	3443.0	3801.9	4155.3	4506.6	4860.7	5194.5	5508.6	5801.8	6068.3	6303.5	6506.9
-32.5°	3136.0	3462.1	3792.4	4114.8	4425.0	4731.5	5015.0	5282.0	5527.6	5743.5	5922.5
-35°	2820.8	3121.7	3415.1	3713.1	3993.1	4266.7	4525.2	4762.1	4969.8	5164.9	5332.6
-37.5°	2506.2	2779.2	3048.8	3313.2	3569.7	3806.2	4040.0	4255.2	4442.8	4608.3	4747.4
-40°	2208.1	2441.9	2687.3	2919.3	3152.0	3369.4	3573.2	3759.7	3919.8	4061.4	4181.1
-42.5°	1915.1	2132.0	2338.6	2547.6	2743.6	2934.1	3118.0	3281.4	3422.0	3541.5	3637.7
-45°	1609.9	1814.8	2009.0	2191.6	2366.9	2536.8	2689.0	2823.4	2955.7	3065.1	3151.6
-47.5°	1249.0	1478.1	1667.5	1837.7	1998.8	2150.3	2291.8	2409.9	2510.0	2602.2	2679.0
-50°	886.3	1082.0	1282.4	1467.0	1616.5	1753.1	1882.5	1979.5	2060.7	2130.6	2192.4
-52.5°	553.7	716.0	880.5	1035.3	1187.5	1326.0	1450.2	1548.1	1624.5	1681.8	1736.0
-55°	412.2	471.2	524.4	643.6	770.9	881.1	984.3	1094.7	1184.5	1254.8	1319.8
-57.5°	329.2	349.5	377.5	428.0	474.2	516.0	587.4	674.5	752.2	820.2	879.9
-60°	277.2	289.5	307.8	326.4	343.0	358.1	394.6	427.0	454.8	478.8	501.8
-62.5°	235.3	249.7	257.3	267.2	280.8	295.7	301.4	309.5	319.5	330.8	341.0
-65°	182.5	193.7	205.0	210.5	211.0	218.0	229.1	235.3	237.1	238.5	242.0
-67.5°	151.0	154.2	160.0	165.6	172.2	177.1	182.5	187.6	192.2	196.2	199.5
-70°	125.6	130.9	135.8	140.2	144.6	148.5	152.0	155.3	158.2	158.8	159.5
-72.5°	103.2	108.4	112.7	117.0	120.8	123.7	125.9	127.7	129.2	119.4	105.6
-75°	83.9	89.3	93.8	97.8	101.2	103.0	104.1	105.2	106.3	94.2	78.4
-77.5°	67.6	71.7	73.8	76.4	79.2	79.8	79.9	80.2	80.5	71.4	59.9
-80°	43.5	47.6	50.3	52.5	54.2	52.6	50.0	47.1	43.8	38.9	33.6
-82.5°	23.2	24.9	26.5	28.3	30.1	29.8	29.0	27.8	26.2	23.4	20.2
-85°	9.0	8.9	8.6	8.1	7.5	7.8	8.0	8.2	8.4	7.8	7.2
-87.5°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	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: P558851 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
85°	6.6	5.9	5.9	5.9	5.9	5.9	6.6	7.2	7.8	8.4	8.2
82.5°	16.8	13.3	14.0	14.8	14.0	13.3	16.8	20.2	23.4	26.2	27.8
80°	28.0	22.2	22.9	23.7	22.9	22.2	28.0	33.6	38.9	43.8	47.1
77.5°	47.5	34.5	33.3	32.6	33.3	34.5	47.5	59.9	71.4	80.5	80.2
75°	62.1	45.3	44.3	44.4	44.3	45.3	62.1	78.4	94.2	106.3	105.2
72.5°	91.7	77.5	67.7	57.8	67.7	77.5	91.7	105.6	119.4	129.2	127.7
70°	161.2	163.2	162.4	160.0	162.4	163.2	161.2	159.5	158.8	158.2	155.3
67.5°	202.3	204.4	204.8	204.4	204.8	204.4	202.3	199.5	196.2	192.2	187.6
65°	244.4	245.9	247.0	247.4	247.0	245.9	244.4	242.0	238.5	237.1	235.3
62.5°	348.6	353.7	359.1	362.9	359.1	353.7	348.6	341.0	330.8	319.5	309.5
60°	521.9	538.5	545.9	546.6	545.9	538.5	521.9	501.8	478.8	454.8	427.0
57.5°	927.7	963.4	995.3	1019.1	995.3	963.4	927.7	879.9	820.2	752.2	674.5
55°	1371.6	1409.6	1431.0	1436.8	1431.0	1409.6	1371.6	1319.8	1254.8	1184.5	1094.7
52.5°	1777.2	1802.5	1826.5	1847.1	1826.5	1802.5	1777.2	1736.0	1681.8	1624.5	1548.1
50°	2239.2	2267.4	2291.1	2309.3	2291.1	2267.4	2239.2	2192.4	2130.6	2060.7	1979.5
47.5°	2733.0	2767.5	2792.9	2809.9	2792.9	2767.5	2733.0	2679.0	2602.2	2510.0	2409.9
45°	3225.6	3284.7	3320.6	3326.9	3320.6	3284.7	3225.6	3151.6	3065.1	2955.7	2823.4
42.5°	3720.8	3777.4	3815.6	3843.8	3815.6	3777.4	3720.8	3637.7	3541.5	3422.0	3281.4
40°	4280.9	4352.0	4384.6	4363.8	4384.6	4352.0	4280.9	4181.1	4061.4	3919.8	3759.7
37.5°	4854.6	4927.7	4965.4	4963.7	4965.4	4927.7	4854.6	4747.4	4608.3	4442.8	4255.2
35°	5462.9	5553.6	5602.6	5590.2	5602.6	5553.6	5462.9	5332.6	5164.9	4969.8	4762.1
32.5°	6065.5	6175.0	6245.8	6256.8	6245.8	6175.0	6065.5	5922.5	5743.5	5527.6	5282.0
30°	6669.9	6788.4	6858.7	6865.6	6858.7	6788.4	6669.9	6506.9	6303.5	6068.3	5801.8
27.5°	7298.1	7430.5	7504.2	7521.8	7504.2	7430.5	7298.1	7104.3	6873.5	6606.0	6308.5
25°	7912.5	8059.6	8144.1	8176.5	8144.1	8059.6	7912.5	7698.8	7448.2	7153.9	6813.8
22.5°	8505.1	8666.3	8776.5	8804.5	8776.5	8666.3	8505.1	8283.3	8016.0	7707.7	7344.4
20°	9099.4	9289.7	9430.5	9444.4	9430.5	9289.7	9099.4	8849.0	8547.6	8211.6	7827.8
17.5°	9671.6	9877.6	10028.3	10065.1	10028.3	9877.6	9671.6	9399.4	9059.6	8686.9	8267.9
15°	10183.9	10400.0	10545.6	10577.6	10545.6	10400.0	10183.9	9900.9	9558.3	9152.5	8681.1
12.5°	10626.0	10825.2	10961.1	11013.1	10961.1	10825.2	10626.0	10343.1	9991.3	9555.1	9054.0
10°	10982.2	11136.0	11257.5	11312.3	11257.5	11136.0	10982.2	10700.4	10339.0	9886.9	9348.6
7.5°	11181.0	11307.6	11391.6	11421.9	11391.6	11307.6	11181.0	10956.8	10585.5	10108.7	9578.4
5°	11259.5	11380.8	11426.4	11453.0	11426.4	11380.8	11259.5	11026.5	10723.5	10291.4	9766.4
2.5°	11270.2	11367.4	11461.0	11522.6	11461.0	11367.4	11270.2	11095.8	10833.2	10424.3	9887.0
0°	11333.0	11427.8	11479.7	11509.3	11479.7	11427.8	11333.0	11176.0	10904.9	10505.0	9965.8
-2.5°	11270.2	11367.4	11461.0	11522.6	11461.0	11367.4	11270.2	11095.8	10833.2	10424.3	9887.0
-5°	11259.5	11380.8	11426.4	11453.0	11426.4	11380.8	11259.5	11026.5	10723.5	10291.4	9766.4
-7.5°	11181.0	11307.6	11391.6	11421.9	11391.6	11307.6	11181.0	10956.8	10585.5	10108.7	9578.4
-10°	10982.2	11136.0	11257.5	11312.3	11257.5	11136.0	10982.2	10700.4	10339.0	9886.9	9348.6
-12.5°	10626.0	10825.2	10961.1	11013.1	10961.1	10825.2	10626.0	10343.1	9991.3	9555.1	9054.0
-15°	10183.9	10400.0	10545.6	10577.6	10545.6	10400.0	10183.9	9900.9	9558.3	9152.5	8681.1
-17.5°	9671.6	9877.6	10028.3	10065.1	10028.3	9877.6	9671.6	9399.4	9059.6	8686.9	8267.9
-20°	9099.4	9289.7	9430.5	9444.4	9430.5	9289.7	9099.4	8849.0	8547.6	8211.6	7827.8



REPORT NUMBER: P558851 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	8505.1	8666.3	8776.5	8804.5	8776.5	8666.3	8505.1	8283.3	8016.0	7707.7	7344.4
-25°	7912.5	8059.6	8144.1	8176.5	8144.1	8059.6	7912.5	7698.8	7448.2	7153.9	6813.8
-27.5°	7298.1	7430.5	7504.2	7521.8	7504.2	7430.5	7298.1	7104.3	6873.5	6606.0	6308.5
-30°	6669.9	6788.4	6858.7	6865.6	6858.7	6788.4	6669.9	6506.9	6303.5	6068.3	5801.8
-32.5°	6065.5	6175.0	6245.8	6256.8	6245.8	6175.0	6065.5	5922.5	5743.5	5527.6	5282.0
-35°	5462.9	5553.6	5602.6	5590.2	5602.6	5553.6	5462.9	5332.6	5164.9	4969.8	4762.1
-37.5°	4854.6	4927.7	4965.4	4963.7	4965.4	4927.7	4854.6	4747.4	4608.3	4442.8	4255.2
-40°	4280.9	4352.0	4384.6	4363.8	4384.6	4352.0	4280.9	4181.1	4061.4	3919.8	3759.7
-42.5°	3720.8	3777.4	3815.6	3843.8	3815.6	3777.4	3720.8	3637.7	3541.5	3422.0	3281.4
-45°	3225.6	3284.7	3320.6	3326.9	3320.6	3284.7	3225.6	3151.6	3065.1	2955.7	2823.4
-47.5°	2733.0	2767.5	2792.9	2809.9	2792.9	2767.5	2733.0	2679.0	2602.2	2510.0	2409.9
-50°	2239.2	2267.4	2291.1	2309.3	2291.1	2267.4	2239.2	2192.4	2130.6	2060.7	1979.5
-52.5°	1777.2	1802.5	1826.5	1847.1	1826.5	1802.5	1777.2	1736.0	1681.8	1624.5	1548.1
-55°	1371.6	1409.6	1431.0	1436.8	1431.0	1409.6	1371.6	1319.8	1254.8	1184.5	1094.7
-57.5°	927.7	963.4	995.3	1019.1	995.3	963.4	927.7	879.9	820.2	752.2	674.5
-60°	521.9	538.5	545.9	546.6	545.9	538.5	521.9	501.8	478.8	454.8	427.0
-62.5°	348.6	353.7	359.1	362.9	359.1	353.7	348.6	341.0	330.8	319.5	309.5
-65°	244.4	245.9	247.0	247.4	247.0	245.9	244.4	242.0	238.5	237.1	235.3
-67.5°	202.3	204.4	204.8	204.4	204.8	204.4	202.3	199.5	196.2	192.2	187.6
-70°	161.2	163.2	162.4	160.0	162.4	163.2	161.2	159.5	158.8	158.2	155.3
-72.5°	91.7	77.5	67.7	57.8	67.7	77.5	91.7	105.6	119.4	129.2	127.7
-75°	62.1	45.3	44.3	44.4	44.3	45.3	62.1	78.4	94.2	106.3	105.2
-77.5°	47.5	34.5	33.3	32.6	33.3	34.5	47.5	59.9	71.4	80.5	80.2
-80°	28.0	22.2	22.9	23.7	22.9	22.2	28.0	33.6	38.9	43.8	47.1
-82.5°	16.8	13.3	14.0	14.8	14.0	13.3	16.8	20.2	23.4	26.2	27.8
-85°	6.6	5.9	5.9	5.9	5.9	5.9	6.6	7.2	7.8	8.4	8.2
-87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
-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):

	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°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.5	1.7	1.9	2.1
85°	8.0	7.8	7.5	8.1	8.6	8.9	9.0	7.9	6.9	6.1	5.5
82.5°	29.0	29.8	30.1	28.3	26.5	24.9	23.2	19.4	15.9	12.8	10.5
80°	50.0	52.6	54.2	52.5	50.3	47.6	43.5	35.6	28.7	22.9	19.4
77.5°	79.9	79.8	79.2	76.4	73.8	71.7	67.6	55.7	44.1	33.9	28.8
75°	104.1	103.0	101.2	97.8	93.8	89.3	83.9	75.8	65.6	53.2	44.6
72.5°	125.9	123.7	120.8	117.0	112.7	108.4	103.2	96.4	88.5	79.5	72.4
70°	152.0	148.5	144.6	140.2	135.8	130.9	125.6	119.1	110.8	101.9	96.9
67.5°	182.5	177.1	172.2	165.6	160.0	154.2	151.0	145.4	137.9	128.8	122.6
65°	229.1	218.0	211.0	210.5	205.0	193.7	182.5	177.1	170.9	160.7	149.9
62.5°	301.4	295.7	280.8	267.2	257.3	249.7	235.3	219.9	208.0	197.5	183.4
60°	394.6	358.1	343.0	326.4	307.8	289.5	277.2	262.2	244.6	230.6	216.2
57.5°	587.4	516.0	474.2	428.0	377.5	349.5	329.2	305.9	286.0	266.4	248.3
55°	984.3	881.1	770.9	643.6	524.4	471.2	412.2	365.7	337.0	304.1	282.4
52.5°	1450.2	1326.0	1187.5	1035.3	880.5	716.0	553.7	484.7	405.6	356.7	320.5
50°	1882.5	1753.1	1616.5	1467.0	1282.4	1082.0	886.3	691.2	531.8	440.8	368.2
47.5°	2291.8	2150.3	1998.8	1837.7	1667.5	1478.1	1249.0	1008.8	782.9	556.2	457.2
45°	2689.0	2536.8	2366.9	2191.6	2009.0	1814.8	1609.9	1363.4	1091.8	831.0	561.7
42.5°	3118.0	2934.1	2743.6	2547.6	2338.6	2132.0	1915.1	1683.9	1423.2	1123.7	832.1
40°	3573.2	3369.4	3152.0	2919.3	2687.3	2441.9	2208.1	1964.9	1711.2	1428.2	1099.6
37.5°	4040.0	3806.2	3569.7	3313.2	3048.8	2779.2	2506.2	2238.4	1967.3	1690.9	1372.6
35°	4525.2	4266.7	3993.1	3713.1	3415.1	3121.7	2820.8	2516.5	2220.1	1924.8	1620.7
32.5°	5015.0	4731.5	4425.0	4114.8	3792.4	3462.1	3136.0	2805.7	2467.1	2152.3	1833.8
30°	5508.6	5194.5	4860.7	4506.6	4155.3	3801.9	3443.0	3080.7	2718.1	2368.5	2038.2
27.5°	5993.2	5652.1	5288.9	4904.1	4502.4	4123.3	3737.4	3344.9	2954.4	2582.2	2227.6
25°	6471.3	6097.5	5694.7	5283.0	4861.7	4419.8	4009.9	3597.2	3186.4	2781.7	2399.0
22.5°	6947.5	6529.1	6086.2	5631.9	5190.0	4724.8	4267.4	3829.0	3400.5	2971.7	2566.5
20°	7403.6	6942.8	6465.0	5973.1	5483.8	5004.5	4512.2	4046.2	3593.5	3149.4	2722.2
17.5°	7806.4	7318.2	6815.9	6284.6	5762.2	5252.8	4743.5	4245.0	3768.2	3303.9	2863.2
15°	8178.4	7660.3	7126.1	6570.5	6015.2	5469.8	4943.4	4420.1	3924.9	3441.2	2988.3
12.5°	8516.1	7966.9	7407.0	6821.3	6238.7	5661.7	5113.4	4577.8	4061.8	3563.7	3093.9
10°	8792.0	8220.9	7639.1	7038.4	6431.6	5828.9	5254.4	4705.1	4172.1	3661.1	3181.8
7.5°	9016.2	8420.5	7816.4	7210.2	6585.1	5968.4	5371.9	4801.3	4258.2	3732.4	3251.0
5°	9191.1	8577.7	7952.0	7336.5	6695.8	6066.2	5459.7	4866.1	4318.5	3778.1	3300.7
2.5°	9311.0	8684.6	8036.3	7412.6	6767.7	6127.0	5525.0	4916.2	4361.6	3826.3	3344.3
0°	9383.7	8764.5	8099.5	7465.5	6833.0	6160.5	5569.5	4950.3	4380.0	3857.2	3366.9
-2.5°	9311.0	8684.6	8036.3	7412.6	6767.7	6127.0	5525.0	4916.2	4361.6	3826.3	3344.3
-5°	9191.1	8577.7	7952.0	7336.5	6695.8	6066.2	5459.7	4866.1	4318.5	3778.1	3300.7
-7.5°	9016.2	8420.5	7816.4	7210.2	6585.1	5968.4	5371.9	4801.3	4258.2	3732.4	3251.0
-10°	8792.0	8220.9	7639.1	7038.4	6431.6	5828.9	5254.4	4705.1	4172.1	3661.1	3181.8
-12.5°	8516.1	7966.9	7407.0	6821.3	6238.7	5661.7	5113.4	4577.8	4061.8	3563.7	3093.9
-15°	8178.4	7660.3	7126.1	6570.5	6015.2	5469.8	4943.4	4420.1	3924.9	3441.2	2988.3
-17.5°	7806.4	7318.2	6815.9	6284.6	5762.2	5252.8	4743.5	4245.0	3768.2	3303.9	2863.2
-20°	7403.6	6942.8	6465.0	5973.1	5483.8	5004.5	4512.2	4046.2	3593.5	3149.4	2722.2



REPORT NUMBER: P558851 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	6947.5	6529.1	6086.2	5631.9	5190.0	4724.8	4267.4	3829.0	3400.5	2971.7	2566.5
-25°	6471.3	6097.5	5694.7	5283.0	4861.7	4419.8	4009.9	3597.2	3186.4	2781.7	2399.0
-27.5°	5993.2	5652.1	5288.9	4904.1	4502.4	4123.3	3737.4	3344.9	2954.4	2582.2	2227.6
-30°	5508.6	5194.5	4860.7	4506.6	4155.3	3801.9	3443.0	3080.7	2718.1	2368.5	2038.2
-32.5°	5015.0	4731.5	4425.0	4114.8	3792.4	3462.1	3136.0	2805.7	2467.1	2152.3	1833.8
-35°	4525.2	4266.7	3993.1	3713.1	3415.1	3121.7	2820.8	2516.5	2220.1	1924.8	1620.7
-37.5°	4040.0	3806.2	3569.7	3313.2	3048.8	2779.2	2506.2	2238.4	1967.3	1690.9	1372.6
-40°	3573.2	3369.4	3152.0	2919.3	2687.3	2441.9	2208.1	1964.9	1711.2	1428.2	1099.6
-42.5°	3118.0	2934.1	2743.6	2547.6	2338.6	2132.0	1915.1	1683.9	1423.2	1123.7	832.1
-45°	2689.0	2536.8	2366.9	2191.6	2009.0	1814.8	1609.9	1363.4	1091.8	831.0	561.7
-47.5°	2291.8	2150.3	1998.8	1837.7	1667.5	1478.1	1249.0	1008.8	782.9	556.2	457.2
-50°	1882.5	1753.1	1616.5	1467.0	1282.4	1082.0	886.3	691.2	531.8	440.8	368.2
-52.5°	1450.2	1326.0	1187.5	1035.3	880.5	716.0	553.7	484.7	405.6	356.7	320.5
-55°	984.3	881.1	770.9	643.6	524.4	471.2	412.2	365.7	337.0	304.1	282.4
-57.5°	587.4	516.0	474.2	428.0	377.5	349.5	329.2	305.9	286.0	266.4	248.3
-60°	394.6	358.1	343.0	326.4	307.8	289.5	277.2	262.2	244.6	230.6	216.2
-62.5°	301.4	295.7	280.8	267.2	257.3	249.7	235.3	219.9	208.0	197.5	183.4
-65°	229.1	218.0	211.0	210.5	205.0	193.7	182.5	177.1	170.9	160.7	149.9
-67.5°	182.5	177.1	172.2	165.6	160.0	154.2	151.0	145.4	137.9	128.8	122.6
-70°	152.0	148.5	144.6	140.2	135.8	130.9	125.6	119.1	110.8	101.9	96.9
-72.5°	125.9	123.7	120.8	117.0	112.7	108.4	103.2	96.4	88.5	79.5	72.4
-75°	104.1	103.0	101.2	97.8	93.8	89.3	83.9	75.8	65.6	53.2	44.6
-77.5°	79.9	79.8	79.2	76.4	73.8	71.7	67.6	55.7	44.1	33.9	28.8
-80°	50.0	52.6	54.2	52.5	50.3	47.6	43.5	35.6	28.7	22.9	19.4
-82.5°	29.0	29.8	30.1	28.3	26.5	24.9	23.2	19.4	15.9	12.8	10.5
-85°	8.0	7.8	7.5	8.1	8.6	8.9	9.0	7.9	6.9	6.1	5.5
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	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



REPORT NUMBER: P558851 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	2.0	1.9	1.8	1.7	1.8	1.9	1.9	1.9	1.7	1.5	1.3
85°	5.5	5.3	5.0	4.5	4.2	3.7	3.7	3.7	3.4	3.0	2.6
82.5°	10.5	10.6	10.7	10.5	10.4	10.0	9.4	8.3	6.5	4.7	4.0
80°	21.7	23.0	23.0	21.6	18.9	16.4	15.8	14.5	12.0	9.5	7.1
77.5°	33.2	36.4	38.3	37.6	33.5	29.5	25.7	21.7	17.4	14.2	11.2
75°	45.5	49.6	52.8	52.7	48.4	42.5	37.4	32.0	25.7	19.2	15.2
72.5°	68.8	67.2	67.7	68.0	64.3	58.6	51.0	42.3	34.9	27.5	20.0
70°	92.3	86.2	82.0	81.3	79.4	75.2	67.6	56.2	44.2	35.7	27.1
67.5°	116.9	110.8	103.0	96.0	93.5	89.9	84.1	70.7	56.5	43.8	34.2
65°	142.3	135.0	127.6	117.5	109.8	104.6	98.7	84.4	68.3	53.7	41.1
62.5°	170.0	158.1	148.6	137.6	127.2	119.3	113.0	97.6	79.9	63.1	48.6
60°	200.5	185.2	169.6	156.6	144.2	133.1	124.1	110.8	92.4	72.2	56.1
57.5°	231.3	212.7	193.3	176.1	161.5	147.6	134.7	121.8	104.9	83.2	62.8
55°	262.3	241.6	217.0	196.0	178.6	163.1	146.2	131.8	116.7	94.7	68.0
52.5°	292.3	268.7	242.5	216.3	195.0	177.6	158.9	141.8	125.9	106.2	75.7
50°	328.9	294.7	267.1	238.8	211.3	190.9	170.9	152.3	135.0	116.6	82.9
47.5°	371.3	328.0	291.5	260.7	231.0	204.0	182.8	162.2	144.1	124.8	89.2
45°	455.8	365.9	320.1	283.3	249.6	219.8	194.6	171.5	152.3	128.3	94.5
42.5°	552.3	436.5	353.6	305.6	269.7	235.6	206.1	181.7	159.9	130.6	97.4
40°	784.6	524.7	398.9	335.4	289.9	250.3	219.2	191.8	166.4	132.0	98.6
37.5°	1023.2	688.4	478.4	364.3	311.3	268.3	231.5	201.6	169.1	133.4	98.9
35°	1265.3	902.3	556.3	416.6	337.0	285.8	242.7	211.3	175.4	134.8	98.4
32.5°	1495.2	1108.9	735.0	485.7	361.7	302.7	256.0	221.0	183.2	136.1	97.0
30°	1692.3	1309.6	912.1	551.7	396.1	323.6	270.6	230.2	192.7	137.4	95.6
27.5°	1871.6	1497.1	1078.5	679.6	453.0	343.8	284.5	238.8	203.5	140.8	95.9
25°	2036.6	1657.0	1239.2	819.9	506.5	363.0	297.0	246.9	212.0	148.1	95.9
22.5°	2182.4	1799.3	1386.2	947.6	554.6	381.6	310.5	257.4	218.5	155.8	95.7
20°	2313.2	1928.6	1519.8	1065.6	633.9	421.6	325.1	266.6	224.4	163.7	95.2
17.5°	2430.9	2041.1	1632.1	1177.5	728.7	456.8	338.4	274.7	229.7	171.7	94.3
15°	2545.7	2136.6	1727.4	1276.5	812.1	487.4	350.3	281.6	234.4	179.5	93.8
12.5°	2642.2	2218.3	1807.8	1362.1	883.9	513.3	360.8	287.4	238.4	186.4	93.2
10°	2719.7	2285.7	1873.2	1433.6	943.5	534.4	369.8	291.7	241.5	192.1	91.3
7.5°	2778.1	2338.4	1923.6	1490.8	990.7	551.7	375.5	294.2	244.0	196.7	88.4
5°	2820.2	2378.2	1960.4	1533.0	1024.9	565.9	379.1	295.5	245.8	199.9	84.6
2.5°	2855.0	2406.2	1983.5	1560.1	1045.7	575.6	380.9	295.7	247.0	201.5	80.3
0°	2872.1	2418.9	1992.3	1571.6	1053.2	580.6	380.7	294.8	247.4	201.4	75.5
-2.5°	2855.0	2406.2	1983.5	1560.1	1045.7	575.6	380.9	295.7	247.0	201.5	80.3
-5°	2820.2	2378.2	1960.4	1533.0	1024.9	565.9	379.1	295.5	245.8	199.9	84.6
-7.5°	2778.1	2338.4	1923.6	1490.8	990.7	551.7	375.5	294.2	244.0	196.7	88.4
-10°	2719.7	2285.7	1873.2	1433.6	943.5	534.4	369.8	291.7	241.5	192.1	91.3
-12.5°	2642.2	2218.3	1807.8	1362.1	883.9	513.3	360.8	287.4	238.4	186.4	93.2
-15°	2545.7	2136.6	1727.4	1276.5	812.1	487.4	350.3	281.6	234.4	179.5	93.8
-17.5°	2430.9	2041.1	1632.1	1177.5	728.7	456.8	338.4	274.7	229.7	171.7	94.3
-20°	2313.2	1928.6	1519.8	1065.6	633.9	421.6	325.1	266.6	224.4	163.7	95.2



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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°	2182.4	1799.3	1386.2	947.6	554.6	381.6	310.5	257.4	218.5	155.8	95.7
-25°	2036.6	1657.0	1239.2	819.9	506.5	363.0	297.0	246.9	212.0	148.1	95.9
-27.5°	1871.6	1497.1	1078.5	679.6	453.0	343.8	284.5	238.8	203.5	140.8	95.9
-30°	1692.3	1309.6	912.1	551.7	396.1	323.6	270.6	230.2	192.7	137.4	95.6
-32.5°	1495.2	1108.9	735.0	485.7	361.7	302.7	256.0	221.0	183.2	136.1	97.0
-35°	1265.3	902.3	556.3	416.6	337.0	285.8	242.7	211.3	175.4	134.8	98.4
-37.5°	1023.2	688.4	478.4	364.3	311.3	268.3	231.5	201.6	169.1	133.4	98.9
-40°	784.6	524.7	398.9	335.4	289.9	250.3	219.2	191.8	166.4	132.0	98.6
-42.5°	552.3	436.5	353.6	305.6	269.7	235.6	206.1	181.7	159.9	130.6	97.4
-45°	455.8	365.9	320.1	283.3	249.6	219.8	194.6	171.5	152.3	128.3	94.5
-47.5°	371.3	328.0	291.5	260.7	231.0	204.0	182.8	162.2	144.1	124.8	89.2
-50°	328.9	294.7	267.1	238.8	211.3	190.9	170.9	152.3	135.0	116.6	82.9
-52.5°	292.3	268.7	242.5	216.3	195.0	177.6	158.9	141.8	125.9	106.2	75.7
-55°	262.3	241.6	217.0	196.0	178.6	163.1	146.2	131.8	116.7	94.7	68.0
-57.5°	231.3	212.7	193.3	176.1	161.5	147.6	134.7	121.8	104.9	83.2	62.8
-60°	200.5	185.2	169.6	156.6	144.2	133.1	124.1	110.8	92.4	72.2	56.1
-62.5°	170.0	158.1	148.6	137.6	127.2	119.3	113.0	97.6	79.9	63.1	48.6
-65°	142.3	135.0	127.6	117.5	109.8	104.6	98.7	84.4	68.3	53.7	41.1
-67.5°	116.9	110.8	103.0	96.0	93.5	89.9	84.1	70.7	56.5	43.8	34.2
-70°	92.3	86.2	82.0	81.3	79.4	75.2	67.6	56.2	44.2	35.7	27.1
-72.5°	68.8	67.2	67.7	68.0	64.3	58.6	51.0	42.3	34.9	27.5	20.0
-75°	45.5	49.6	52.8	52.7	48.4	42.5	37.4	32.0	25.7	19.2	15.2
-77.5°	33.2	36.4	38.3	37.6	33.5	29.5	25.7	21.7	17.4	14.2	11.2
-80°	21.7	23.0	23.0	21.6	18.9	16.4	15.8	14.5	12.0	9.5	7.1
-82.5°	10.5	10.6	10.7	10.5	10.4	10.0	9.4	8.3	6.5	4.7	4.0
-85°	5.5	5.3	5.0	4.5	4.2	3.7	3.7	3.7	3.4	3.0	2.6
-87.5°	2.0	1.9	1.8	1.7	1.8	1.9	1.9	1.9	1.7	1.5	1.3
-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°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
82.5°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
80°	4.8	3.8	3.0	2.3	1.5	0.8	0.0
77.5°	8.1	5.2	3.8	2.8	1.9	1.0	0.0
75°	11.4	7.6	4.7	3.4	2.3	1.1	0.0
72.5°	14.5	9.9	6.2	4.0	2.6	1.3	0.0
70°	17.9	12.1	7.8	4.6	3.0	1.5	0.0
67.5°	23.4	14.2	9.2	5.5	3.4	1.7	0.0
65°	28.5	17.0	10.6	6.3	3.7	1.9	0.0
62.5°	33.2	20.3	11.9	7.2	4.1	2.0	0.0
60°	37.6	23.4	13.1	7.9	4.4	2.2	0.0
57.5°	41.9	26.2	14.9	8.7	4.8	2.4	0.0
55°	45.8	28.7	16.5	9.3	5.3	2.5	0.0
52.5°	49.1	30.8	18.0	9.9	5.7	2.7	0.0
50°	51.9	32.9	19.3	10.5	6.1	2.8	0.0
47.5°	54.5	34.5	20.3	11.0	6.5	3.0	0.0
45°	58.9	35.7	21.1	11.6	6.9	3.1	0.0
42.5°	62.6	36.5	21.7	12.0	7.2	3.2	0.0
40°	65.6	37.0	22.1	12.6	7.6	3.4	0.0
37.5°	67.8	36.9	22.3	13.2	7.9	3.5	0.0
35°	69.2	37.8	22.2	13.8	8.2	3.6	0.0
32.5°	69.5	38.8	21.9	14.3	8.5	3.7	0.0
30°	68.2	39.3	21.3	14.8	8.8	3.8	0.0
27.5°	66.3	39.3	21.9	15.3	9.0	3.9	0.0
25°	63.9	38.9	22.5	15.7	9.3	4.0	0.0
22.5°	61.0	38.8	23.2	16.1	9.5	4.1	0.0
20°	57.6	40.7	23.7	16.5	9.7	4.1	0.0
17.5°	57.0	42.3	24.3	16.8	9.8	4.2	0.0
15°	58.2	43.6	24.8	17.0	10.0	4.2	0.0
12.5°	59.2	44.8	25.3	17.3	10.1	4.3	0.0
10°	60.1	45.8	25.7	17.5	10.2	4.3	0.0
7.5°	60.9	46.5	26.0	17.6	10.3	4.4	0.0
5°	61.5	47.0	26.3	17.7	10.4	4.4	0.0
2.5°	61.9	47.3	26.5	17.8	10.4	4.4	0.0
0°	62.2	47.4	26.7	17.8	10.4	4.4	0.0
-2.5°	61.9	47.3	26.5	17.8	10.4	4.4	0.0
-5°	61.5	47.0	26.3	17.7	10.4	4.4	0.0
-7.5°	60.9	46.5	26.0	17.6	10.3	4.4	0.0
-10°	60.1	45.8	25.7	17.5	10.2	4.3	0.0
-12.5°	59.2	44.8	25.3	17.3	10.1	4.3	0.0
-15°	58.2	43.6	24.8	17.0	10.0	4.2	0.0
-17.5°	57.0	42.3	24.3	16.8	9.8	4.2	0.0
-20°	57.6	40.7	23.7	16.5	9.7	4.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	61.0	38.8	23.2	16.1	9.5	4.1	0.0
-25°	63.9	38.9	22.5	15.7	9.3	4.0	0.0
-27.5°	66.3	39.3	21.9	15.3	9.0	3.9	0.0
-30°	68.2	39.3	21.3	14.8	8.8	3.8	0.0
-32.5°	69.5	38.8	21.9	14.3	8.5	3.7	0.0
-35°	69.2	37.8	22.2	13.8	8.2	3.6	0.0
-37.5°	67.8	36.9	22.3	13.2	7.9	3.5	0.0
-40°	65.6	37.0	22.1	12.6	7.6	3.4	0.0
-42.5°	62.6	36.5	21.7	12.0	7.2	3.2	0.0
-45°	58.9	35.7	21.1	11.6	6.9	3.1	0.0
-47.5°	54.5	34.5	20.3	11.0	6.5	3.0	0.0
-50°	51.9	32.9	19.3	10.5	6.1	2.8	0.0
-52.5°	49.1	30.8	18.0	9.9	5.7	2.7	0.0
-55°	45.8	28.7	16.5	9.3	5.3	2.5	0.0
-57.5°	41.9	26.2	14.9	8.7	4.8	2.4	0.0
-60°	37.6	23.4	13.1	7.9	4.4	2.2	0.0
-62.5°	33.2	20.3	11.9	7.2	4.1	2.0	0.0
-65°	28.5	17.0	10.6	6.3	3.7	1.9	0.0
-67.5°	23.4	14.2	9.2	5.5	3.4	1.7	0.0
-70°	17.9	12.1	7.8	4.6	3.0	1.5	0.0
-72.5°	14.5	9.9	6.2	4.0	2.6	1.3	0.0
-75°	11.4	7.6	4.7	3.4	2.3	1.1	0.0
-77.5°	8.1	5.2	3.8	2.8	1.9	1.0	0.0
-80°	4.8	3.8	3.0	2.3	1.5	0.8	0.0
-82.5°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-85°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-87.5°	1.1	1.0	0.8	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)