

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: P559075 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-927-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559075 (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-SA5D-927-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

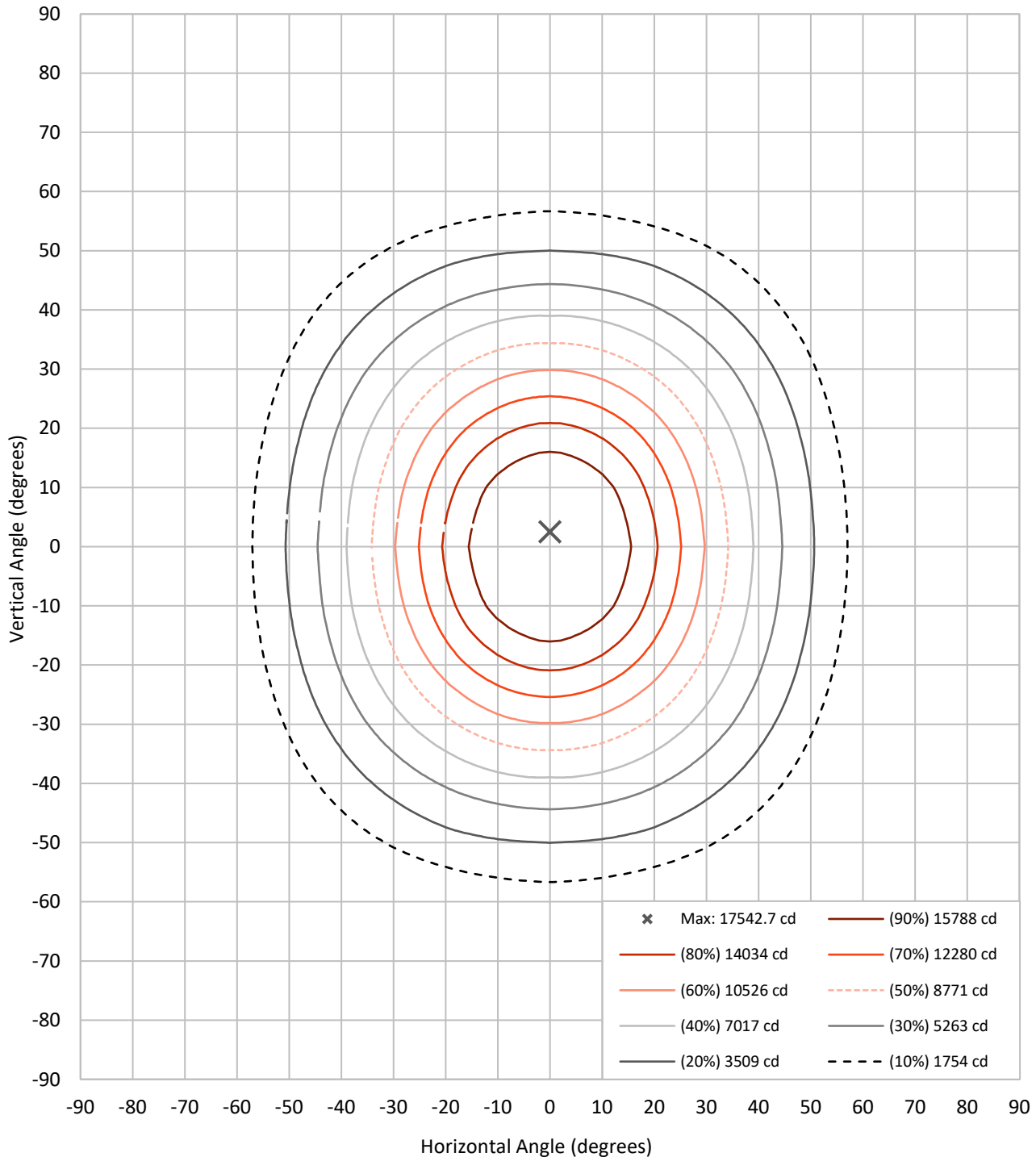
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23742.5 lumens	Max Intensity:	17542.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	89.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	14235.3 lumens	Field Lumens:	22680.4 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 266
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: P559075 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





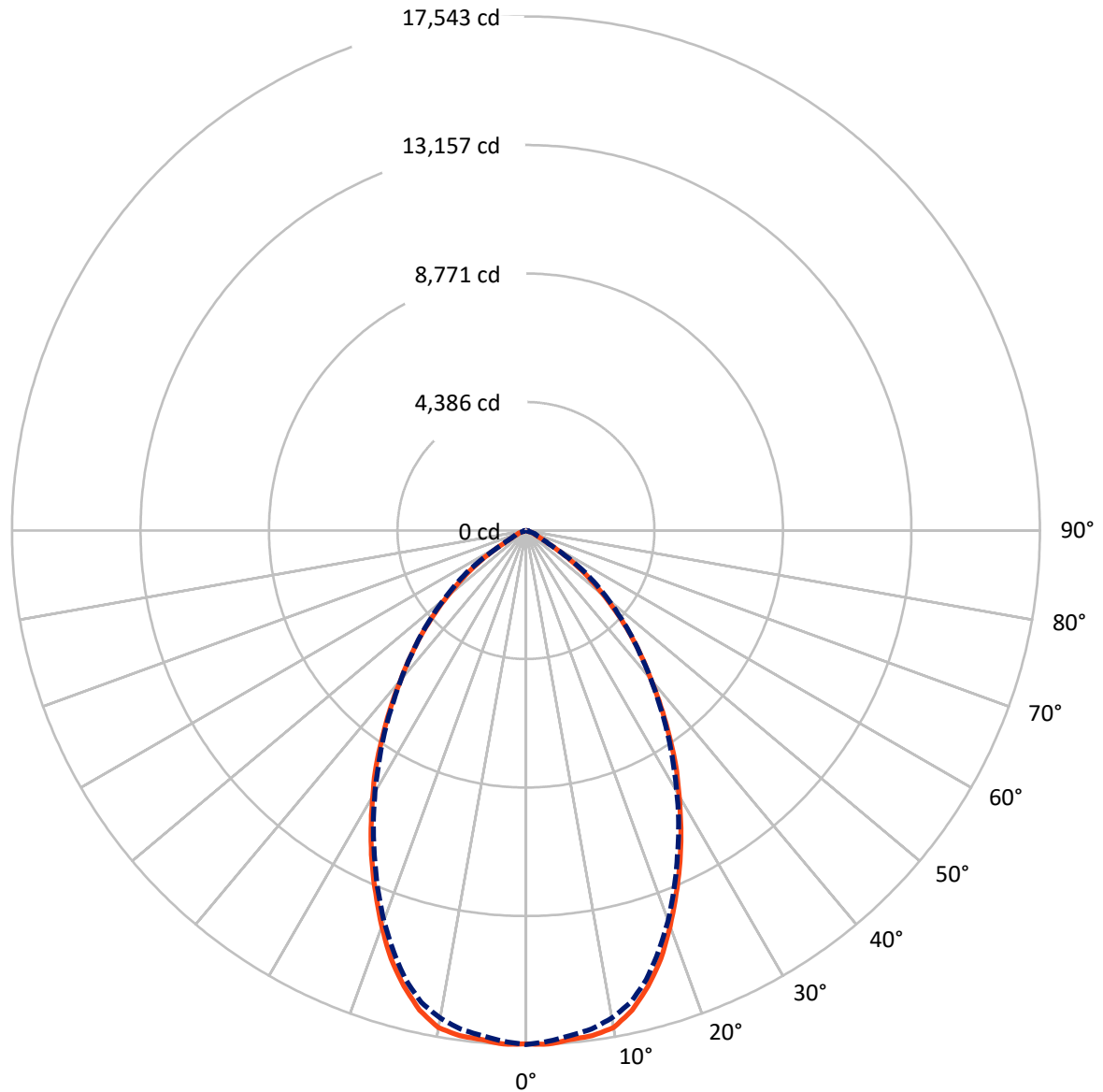
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Lumen Table

90																			
80	0.2	2.3		5.7		9.9		7.0		9.9		5.7		2.3		0.2			
70																			
60	1.1	1.6	3.2	5.1	7.3	9.6	11.8	13.3	13.3	11.8	9.6	7.3	5.1	3.2	1.6	1.1			
50		2.6	5.3	9.6	18.4	35.7	53.5	64.1	64.1	53.5	35.7	18.4	9.6	5.3	2.6				
40	1.9	3.4	7.8	22.7	59.9	99.5	132.4	150.9	150.9	132.4	99.5	59.9	22.7	7.8	3.4	1.9			
30		4.2	13.4	52.4	107.5	167.8	222.3	255.0	255.0	222.3	167.8	107.5	52.4	13.4	4.2				
20	2.0	5.1	24.3	79.3	152.4	238.6	318.9	369.4	369.4	318.9	238.6	152.4	79.3	24.3	5.1	2.0			
10		6.0	34.7	98.7	187.9	298.1	406.0	474.3	474.3	406.0	298.1	187.9	98.7	34.7	6.0				
0	2.1	6.5	40.5	109.1	207.8	333.1	456.1	521.3	521.3	456.1	333.1	207.8	109.1	40.5	6.5	2.1			
-10		6.5	40.5	109.1	207.8	333.1	456.1	521.3	521.3	456.1	333.1	207.8	109.1	40.5	6.5				
-20	2.0	6.0	34.7	98.7	187.9	298.1	406.0	474.3	474.3	406.0	298.1	187.9	98.7	34.7	6.0	2.0			
-30		5.1	24.3	79.3	152.4	238.6	318.9	369.4	369.4	318.9	238.6	152.4	79.3	24.3	5.1				
-40	1.9	4.2	13.4	52.4	107.5	167.8	222.3	255.0	255.0	222.3	167.8	107.5	52.4	13.4	4.2	1.9			
-50		3.4	7.8	22.7	59.9	99.5	132.4	150.9	150.9	132.4	99.5	59.9	22.7	7.8	3.4				
-60	1.1	2.6	5.3	9.6	18.4	35.7	53.5	64.1	64.1	53.5	35.7	18.4	9.6	5.3	2.6	1.1			
-70		1.6	3.2	5.1	7.3	9.6	11.8	13.3	13.3	11.8	9.6	7.3	5.1	3.2	1.6				
-80	0.2	2.3		5.7		9.9		7.0		9.9		5.7		2.3		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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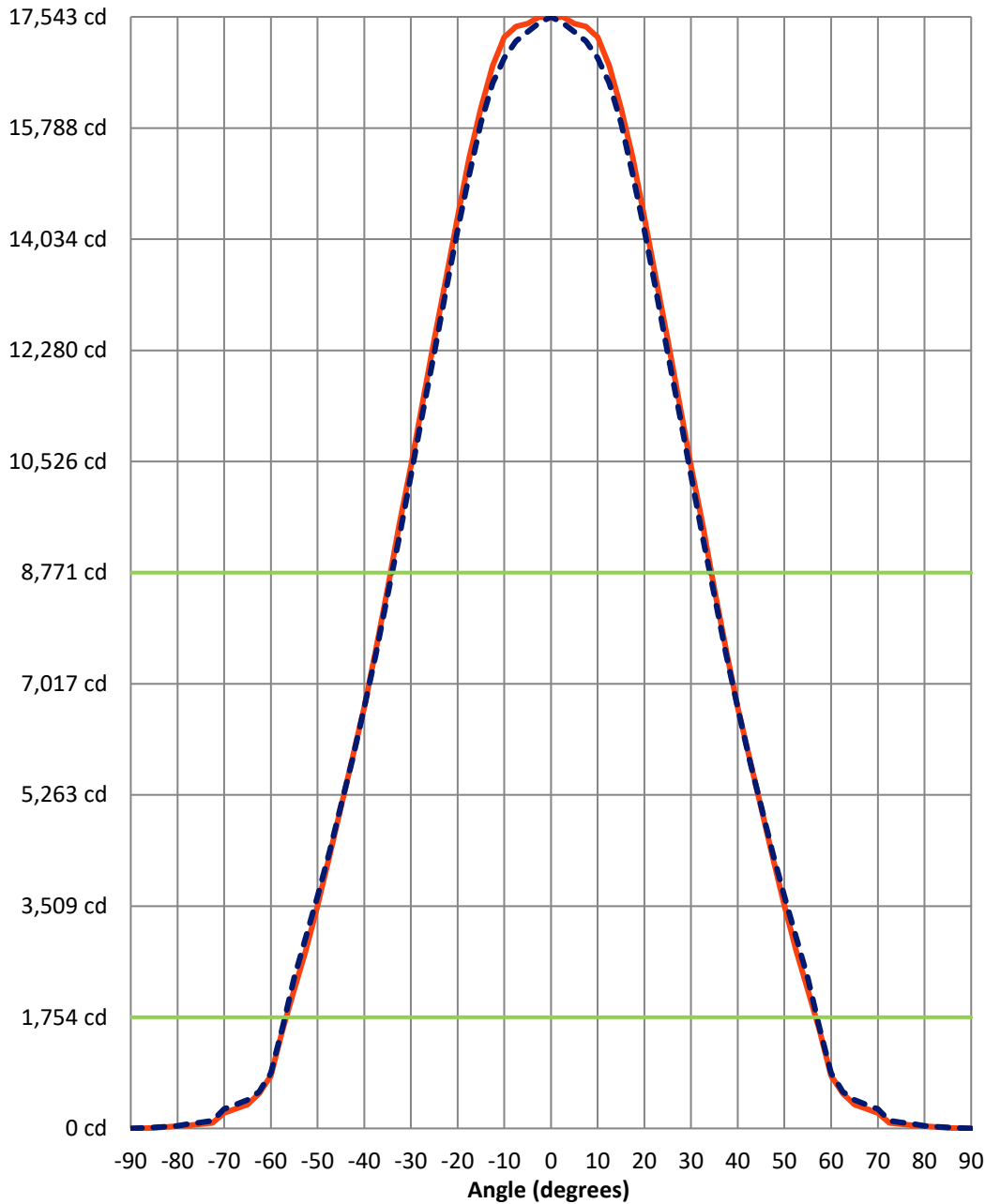
Luminous Intensity Polar Plot



— 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: 14235.3
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 22680.4
Efficiency: 95.5%

Spill:
Lumens: 1062.1
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	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
85°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.6	5.2	5.7
82.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.3	10.0	12.7
80°	0.0	1.2	2.4	3.5	4.7	5.9	7.4	10.9	14.5	18.3	22.1
77.5°	0.0	1.5	2.9	4.4	5.9	8.1	12.5	17.0	21.7	26.5	33.0
75°	0.0	1.8	3.5	5.3	7.2	11.6	17.4	23.1	29.3	39.1	48.8
72.5°	0.0	2.0	4.1	6.1	9.6	15.1	22.2	30.4	41.9	53.2	64.4
70°	0.0	2.3	4.6	7.1	11.9	18.4	27.2	41.3	54.3	67.3	85.7
67.5°	0.0	2.6	5.2	8.4	14.0	21.6	35.5	52.0	66.6	86.0	107.7
65°	0.0	2.9	5.7	9.7	16.1	25.8	43.3	62.6	81.7	104.0	128.6
62.5°	0.0	3.1	6.3	11.0	18.0	30.9	50.5	74.0	96.1	121.6	148.6
60°	0.0	3.4	6.8	12.1	19.9	35.6	57.1	85.3	109.8	140.7	168.7
57.5°	0.0	3.7	7.5	13.2	22.6	39.8	63.8	95.5	126.6	159.7	185.5
55°	0.0	3.9	8.1	14.2	25.2	43.6	69.7	103.5	144.1	177.6	200.7
52.5°	0.0	4.1	8.7	15.1	27.4	46.9	74.8	115.2	161.6	191.6	215.8
50°	0.0	4.4	9.4	15.9	29.3	50.0	79.0	126.2	177.5	205.5	231.8
47.5°	0.0	4.6	10.0	16.7	30.9	52.5	83.0	135.7	189.9	219.3	247.0
45°	0.0	4.8	10.5	17.6	32.1	54.4	89.7	143.8	195.3	231.9	261.1
42.5°	0.0	5.0	11.1	18.3	33.0	55.6	95.3	148.3	198.8	243.5	276.6
40°	0.0	5.2	11.6	19.1	33.6	56.2	99.8	150.0	200.9	253.3	292.0
37.5°	0.0	5.4	12.1	20.1	33.9	56.2	103.1	150.5	203.1	257.5	306.9
35°	0.0	5.6	12.5	20.9	33.8	57.5	105.4	149.8	205.2	267.0	321.7
32.5°	0.0	5.7	13.0	21.8	33.3	59.0	105.8	147.8	207.3	279.0	336.5
30°	0.0	5.9	13.4	22.5	32.5	59.8	103.8	145.6	209.2	293.3	350.4
27.5°	0.0	6.0	13.8	23.3	33.3	59.8	101.0	146.0	214.4	309.7	363.5
25°	0.0	6.2	14.1	23.9	34.3	59.1	97.4	146.1	225.5	322.7	376.0
22.5°	0.0	6.3	14.4	24.5	35.2	59.1	92.9	145.8	237.2	332.6	391.8
20°	0.0	6.4	14.7	25.0	36.1	61.9	87.8	145.0	249.3	341.6	405.9
17.5°	0.0	6.5	15.0	25.5	36.9	64.4	86.9	143.6	261.5	349.7	418.2
15°	0.0	6.6	15.2	25.9	37.7	66.5	88.6	142.9	273.3	356.8	428.7
12.5°	0.0	6.6	15.4	26.3	38.4	68.2	90.2	141.9	283.8	362.9	437.5
10°	0.0	6.7	15.5	26.6	39.0	69.7	91.5	139.1	292.5	367.6	444.1
7.5°	0.0	6.7	15.6	26.8	39.5	70.8	92.7	134.6	299.4	371.4	447.9
5°	0.0	6.8	15.7	27.0	40.0	71.6	93.6	128.9	304.3	374.2	449.9
2.5°	0.0	6.8	15.8	27.1	40.3	72.0	94.3	122.3	306.9	376.0	450.1
0°	0.0	6.8	15.8	27.1	40.6	72.2	94.7	115.0	306.7	376.6	448.8
-2.5°	0.0	6.8	15.8	27.1	40.3	72.0	94.3	122.3	306.9	376.0	450.1
-5°	0.0	6.8	15.7	27.0	40.0	71.6	93.6	128.9	304.3	374.2	449.9
-7.5°	0.0	6.7	15.6	26.8	39.5	70.8	92.7	134.6	299.4	371.4	447.9
-10°	0.0	6.7	15.5	26.6	39.0	69.7	91.5	139.1	292.5	367.6	444.1
-12.5°	0.0	6.6	15.4	26.3	38.4	68.2	90.2	141.9	283.8	362.9	437.5
-15°	0.0	6.6	15.2	25.9	37.7	66.5	88.6	142.9	273.3	356.8	428.7
-17.5°	0.0	6.5	15.0	25.5	36.9	64.4	86.9	143.6	261.5	349.7	418.2
-20°	0.0	6.4	14.7	25.0	36.1	61.9	87.8	145.0	249.3	341.6	405.9



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 CATALOG NUMBER: GFLD-SA5D-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	6.3	14.4	24.5	35.2	59.1	92.9	145.8	237.2	332.6	391.8
-25°	0.0	6.2	14.1	23.9	34.3	59.1	97.4	146.1	225.5	322.7	376.0
-27.5°	0.0	6.0	13.8	23.3	33.3	59.8	101.0	146.0	214.4	309.7	363.5
-30°	0.0	5.9	13.4	22.5	32.5	59.8	103.8	145.6	209.2	293.3	350.4
-32.5°	0.0	5.7	13.0	21.8	33.3	59.0	105.8	147.8	207.3	279.0	336.5
-35°	0.0	5.6	12.5	20.9	33.8	57.5	105.4	149.8	205.2	267.0	321.7
-37.5°	0.0	5.4	12.1	20.1	33.9	56.2	103.1	150.5	203.1	257.5	306.9
-40°	0.0	5.2	11.6	19.1	33.6	56.2	99.8	150.0	200.9	253.3	292.0
-42.5°	0.0	5.0	11.1	18.3	33.0	55.6	95.3	148.3	198.8	243.5	276.6
-45°	0.0	4.8	10.5	17.6	32.1	54.4	89.7	143.8	195.3	231.9	261.1
-47.5°	0.0	4.6	10.0	16.7	30.9	52.5	83.0	135.7	189.9	219.3	247.0
-50°	0.0	4.4	9.4	15.9	29.3	50.0	79.0	126.2	177.5	205.5	231.8
-52.5°	0.0	4.1	8.7	15.1	27.4	46.9	74.8	115.2	161.6	191.6	215.8
-55°	0.0	3.9	8.1	14.2	25.2	43.6	69.7	103.5	144.1	177.6	200.7
-57.5°	0.0	3.7	7.5	13.2	22.6	39.8	63.8	95.5	126.6	159.7	185.5
-60°	0.0	3.4	6.8	12.1	19.9	35.6	57.1	85.3	109.8	140.7	168.7
-62.5°	0.0	3.1	6.3	11.0	18.0	30.9	50.5	74.0	96.1	121.6	148.6
-65°	0.0	2.9	5.7	9.7	16.1	25.8	43.3	62.6	81.7	104.0	128.6
-67.5°	0.0	2.6	5.2	8.4	14.0	21.6	35.5	52.0	66.6	86.0	107.7
-70°	0.0	2.3	4.6	7.1	11.9	18.4	27.2	41.3	54.3	67.3	85.7
-72.5°	0.0	2.0	4.1	6.1	9.6	15.1	22.2	30.4	41.9	53.2	64.4
-75°	0.0	1.8	3.5	5.3	7.2	11.6	17.4	23.1	29.3	39.1	48.8
-77.5°	0.0	1.5	2.9	4.4	5.9	8.1	12.5	17.0	21.7	26.5	33.0
-80°	0.0	1.2	2.4	3.5	4.7	5.9	7.4	10.9	14.5	18.3	22.1
-82.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.3	10.0	12.7
-85°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.6	5.2	5.7
-87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	2.9	2.8	2.7	2.6	2.7	2.9	3.0	3.2	2.9	2.6	2.3
85°	5.8	5.7	6.4	6.8	7.6	8.1	8.3	8.3	9.3	10.5	12.0
82.5°	14.3	15.3	15.9	16.0	16.2	16.1	16.0	15.9	19.6	24.3	29.6
80°	24.0	25.0	28.8	32.9	35.0	35.0	33.1	29.6	35.0	43.7	54.3
77.5°	39.1	44.9	50.9	57.1	58.3	55.4	50.5	43.9	51.7	67.2	84.8
75°	57.0	64.8	73.6	80.2	80.3	75.5	69.2	67.9	81.0	99.8	115.4
72.5°	77.8	89.3	97.8	103.5	103.0	102.2	104.7	110.3	121.1	134.8	146.8
70°	103.0	114.5	120.8	123.8	124.9	131.2	140.5	147.5	155.2	168.7	181.3
67.5°	128.0	136.8	142.4	146.2	156.8	168.8	178.1	186.7	196.1	210.0	221.5
65°	150.3	159.3	167.2	178.9	194.2	205.6	216.7	228.2	244.7	260.2	269.6
62.5°	172.1	181.6	193.6	209.5	226.2	240.6	258.8	279.3	300.7	316.6	334.8
60°	189.0	202.6	219.5	238.5	258.3	281.9	305.2	329.2	351.1	372.4	399.3
57.5°	205.1	224.6	245.8	268.0	294.3	323.8	352.2	378.0	405.6	435.3	465.7
55°	222.6	248.3	271.8	298.3	330.4	367.8	399.3	430.0	463.0	513.1	556.8
52.5°	241.9	270.3	296.9	329.3	369.1	409.1	445.0	487.9	543.1	617.5	738.0
50°	260.1	290.6	321.7	363.6	406.6	448.7	500.7	560.5	671.1	809.7	1052.3
47.5°	278.2	310.5	351.7	396.9	443.9	499.4	565.2	696.0	846.7	1191.9	1535.9
45°	296.2	334.5	380.0	431.4	487.3	557.0	693.8	855.1	1265.1	1662.2	2075.8
42.5°	313.7	358.6	410.6	465.4	538.4	664.5	840.8	1266.9	1710.7	2166.7	2563.7
40°	333.6	381.1	441.3	510.7	607.3	798.8	1194.5	1674.1	2174.4	2605.2	2991.5
37.5°	352.4	408.5	474.0	554.7	728.3	1048.0	1557.8	2089.8	2574.3	2995.2	3407.8
35°	369.6	435.1	513.1	634.2	847.0	1373.7	1926.4	2467.4	2930.5	3380.0	3831.3
32.5°	389.8	460.8	550.7	739.5	1119.1	1688.3	2276.3	2791.9	3276.8	3756.1	4271.6
30°	412.0	492.7	603.0	839.9	1388.6	1993.9	2576.5	3103.1	3605.9	4138.2	4690.3
27.5°	433.1	523.4	689.7	1034.7	1642.1	2279.2	2849.5	3391.5	3931.2	4498.0	5092.5
25°	452.1	552.6	771.1	1248.3	1886.7	2522.6	3100.7	3652.3	4235.1	4851.1	5476.6
22.5°	472.7	581.0	844.4	1442.8	2110.4	2739.3	3322.6	3907.4	4524.2	5177.1	5829.6
20°	494.9	641.8	965.2	1622.4	2313.7	2936.2	3521.7	4144.4	4794.8	5471.0	6160.1
17.5°	515.2	695.5	1109.4	1792.8	2484.7	3107.4	3700.9	4359.1	5030.1	5737.0	6462.8
15°	533.4	742.1	1236.5	1943.5	2629.9	3252.8	3875.7	4549.6	5239.2	5975.5	6729.4
12.5°	549.3	781.4	1345.7	2073.7	2752.3	3377.2	4022.7	4710.3	5425.5	6183.9	6969.6
10°	562.9	813.5	1436.5	2182.7	2851.9	3479.9	4140.6	4844.1	5573.9	6351.8	7163.3
7.5°	571.7	839.9	1508.3	2269.7	2928.7	3560.2	4229.5	4949.4	5682.4	6482.9	7309.9
5°	577.2	861.5	1560.3	2334.0	2984.7	3620.8	4293.6	5025.2	5752.0	6574.9	7408.4
2.5°	579.9	876.3	1591.9	2375.2	3019.8	3663.3	4346.6	5091.5	5825.3	6640.4	7484.7
0°	579.6	884.0	1603.4	2392.7	3033.2	3682.6	4372.7	5125.9	5872.4	6668.4	7536.7
-2.5°	579.9	876.3	1591.9	2375.2	3019.8	3663.3	4346.6	5091.5	5825.3	6640.4	7484.7
-5°	577.2	861.5	1560.3	2334.0	2984.7	3620.8	4293.6	5025.2	5752.0	6574.9	7408.4
-7.5°	571.7	839.9	1508.3	2269.7	2928.7	3560.2	4229.5	4949.4	5682.4	6482.9	7309.9
-10°	562.9	813.5	1436.5	2182.7	2851.9	3479.9	4140.6	4844.1	5573.9	6351.8	7163.3
-12.5°	549.3	781.4	1345.7	2073.7	2752.3	3377.2	4022.7	4710.3	5425.5	6183.9	6969.6
-15°	533.4	742.1	1236.5	1943.5	2629.9	3252.8	3875.7	4549.6	5239.2	5975.5	6729.4
-17.5°	515.2	695.5	1109.4	1792.8	2484.7	3107.4	3700.9	4359.1	5030.1	5737.0	6462.8
-20°	494.9	641.8	965.2	1622.4	2313.7	2936.2	3521.7	4144.4	4794.8	5471.0	6160.1



REPORT NUMBER: P559075 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	472.7	581.0	844.4	1442.8	2110.4	2739.3	3322.6	3907.4	4524.2	5177.1	5829.6
-25°	452.1	552.6	771.1	1248.3	1886.7	2522.6	3100.7	3652.3	4235.1	4851.1	5476.6
-27.5°	433.1	523.4	689.7	1034.7	1642.1	2279.2	2849.5	3391.5	3931.2	4498.0	5092.5
-30°	412.0	492.7	603.0	839.9	1388.6	1993.9	2576.5	3103.1	3605.9	4138.2	4690.3
-32.5°	389.8	460.8	550.7	739.5	1119.1	1688.3	2276.3	2791.9	3276.8	3756.1	4271.6
-35°	369.6	435.1	513.1	634.2	847.0	1373.7	1926.4	2467.4	2930.5	3380.0	3831.3
-37.5°	352.4	408.5	474.0	554.7	728.3	1048.0	1557.8	2089.8	2574.3	2995.2	3407.8
-40°	333.6	381.1	441.3	510.7	607.3	798.8	1194.5	1674.1	2174.4	2605.2	2991.5
-42.5°	313.7	358.6	410.6	465.4	538.4	664.5	840.8	1266.9	1710.7	2166.7	2563.7
-45°	296.2	334.5	380.0	431.4	487.3	557.0	693.8	855.1	1265.1	1662.2	2075.8
-47.5°	278.2	310.5	351.7	396.9	443.9	499.4	565.2	696.0	846.7	1191.9	1535.9
-50°	260.1	290.6	321.7	363.6	406.6	448.7	500.7	560.5	671.1	809.7	1052.3
-52.5°	241.9	270.3	296.9	329.3	369.1	409.1	445.0	487.9	543.1	617.5	738.0
-55°	222.6	248.3	271.8	298.3	330.4	367.8	399.3	430.0	463.0	513.1	556.8
-57.5°	205.1	224.6	245.8	268.0	294.3	323.8	352.2	378.0	405.6	435.3	465.7
-60°	189.0	202.6	219.5	238.5	258.3	281.9	305.2	329.2	351.1	372.4	399.3
-62.5°	172.1	181.6	193.6	209.5	226.2	240.6	258.8	279.3	300.7	316.6	334.8
-65°	150.3	159.3	167.2	178.9	194.2	205.6	216.7	228.2	244.7	260.2	269.6
-67.5°	128.0	136.8	142.4	146.2	156.8	168.8	178.1	186.7	196.1	210.0	221.5
-70°	103.0	114.5	120.8	123.8	124.9	131.2	140.5	147.5	155.2	168.7	181.3
-72.5°	77.8	89.3	97.8	103.5	103.0	102.2	104.7	110.3	121.1	134.8	146.8
-75°	57.0	64.8	73.6	80.2	80.3	75.5	69.2	67.9	81.0	99.8	115.4
-77.5°	39.1	44.9	50.9	57.1	58.3	55.4	50.5	43.9	51.7	67.2	84.8
-80°	24.0	25.0	28.8	32.9	35.0	35.0	33.1	29.6	35.0	43.7	54.3
-82.5°	14.3	15.3	15.9	16.0	16.2	16.1	16.0	15.9	19.6	24.3	29.6
-85°	5.8	5.7	6.4	6.8	7.6	8.1	8.3	8.3	9.3	10.5	12.0
-87.5°	2.9	2.8	2.7	2.6	2.7	2.9	3.0	3.2	2.9	2.6	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: P559075 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.3
85°	13.7	13.5	13.0	12.3	11.4	11.8	12.1	12.5	12.7	11.9	11.0
82.5°	35.4	38.0	40.4	43.1	45.8	45.4	44.1	42.3	40.0	35.6	30.8
80°	66.3	72.5	76.6	80.0	82.6	80.0	76.2	71.7	66.7	59.3	51.1
77.5°	102.9	109.1	112.4	116.3	120.6	121.5	121.7	122.1	122.6	108.8	91.2
75°	127.8	136.0	142.8	148.8	154.1	156.8	158.5	160.2	161.8	143.4	119.4
72.5°	157.1	165.0	171.5	178.1	183.8	188.2	191.6	194.4	196.6	181.8	160.8
70°	191.3	199.3	206.7	213.5	220.0	226.0	231.3	236.3	240.9	241.7	242.8
67.5°	230.0	234.7	243.6	252.0	262.2	269.5	277.8	285.5	292.7	298.7	303.8
65°	277.9	294.9	312.1	320.6	321.3	332.0	348.9	358.2	361.0	363.1	368.4
62.5°	358.2	380.2	391.8	406.9	427.6	450.3	458.9	471.3	486.5	503.6	519.1
60°	422.0	440.8	468.7	497.0	522.3	545.2	600.8	650.1	692.5	728.9	763.9
57.5°	501.3	532.2	574.8	651.7	722.0	785.5	894.2	1026.9	1145.2	1248.6	1339.6
55°	627.6	717.5	798.4	979.8	1173.7	1341.5	1498.6	1666.7	1803.5	1910.4	2009.3
52.5°	842.9	1090.0	1340.5	1576.1	1807.9	2018.8	2208.0	2357.0	2473.2	2560.4	2643.1
50°	1349.4	1647.2	1952.4	2233.5	2461.1	2668.9	2865.9	3013.6	3137.3	3243.7	3337.9
47.5°	1901.6	2250.3	2538.6	2797.8	3043.1	3273.8	3489.2	3669.1	3821.3	3961.8	4078.7
45°	2451.1	2762.9	3058.6	3336.6	3603.5	3862.1	4093.9	4298.4	4499.9	4666.4	4798.1
42.5°	2915.7	3245.9	3560.4	3878.6	4177.0	4467.1	4747.1	4995.8	5209.8	5391.8	5538.2
40°	3361.7	3717.6	4091.2	4444.5	4798.9	5129.9	5440.0	5724.0	5967.8	6183.2	6365.5
37.5°	3815.5	4231.2	4641.6	5044.2	5434.7	5794.7	6150.7	6478.3	6763.9	7016.0	7227.7
35°	4294.6	4752.7	5199.3	5653.0	6079.3	6495.9	6889.4	7250.0	7566.4	7863.4	8118.6
32.5°	4774.5	5270.9	5773.8	6264.6	6736.9	7203.5	7635.1	8041.6	8415.5	8744.2	9016.7
30°	5241.8	5788.2	6326.3	6861.0	7400.1	7908.4	8386.5	8833.0	9238.8	9596.8	9906.4
27.5°	5690.1	6277.5	6854.7	7466.3	8052.1	8605.0	9124.4	9604.5	10057.4	10464.5	10815.9
25°	6105.0	6729.0	7401.6	8043.1	8670.0	9283.2	9852.3	10373.8	10891.6	11339.5	11721.1
22.5°	6496.9	7193.3	7901.5	8574.3	9265.9	9940.3	10577.3	11181.6	11734.6	12204.0	12610.9
20°	6869.6	7619.0	8348.8	9093.7	9842.6	10570.1	11271.6	11917.4	12501.8	13013.3	13472.1
17.5°	7221.7	7997.2	8772.7	9568.1	10376.9	11141.7	11884.9	12587.5	13225.4	13792.9	14310.2
15°	7526.2	8327.5	9157.9	10003.3	10849.2	11662.4	12451.2	13216.6	13934.3	14552.0	15073.7
12.5°	7785.0	8619.7	9498.2	10385.1	11276.8	12129.3	12965.4	13784.3	14547.2	15211.3	15746.9
10°	7999.6	8874.2	9791.8	10715.6	11630.2	12516.0	13385.5	14232.9	15052.3	15740.7	16290.8
7.5°	8178.5	9086.7	10025.4	10977.1	11900.0	12819.8	13726.7	14582.7	15390.0	16115.9	16681.3
5°	8312.2	9235.5	10194.1	11169.5	12106.5	13059.2	13993.0	14868.9	15668.2	16326.0	16787.5
2.5°	8411.6	9328.1	10303.5	11285.5	12234.9	13221.9	14175.6	15052.5	15870.6	16493.2	16892.8
0°	8479.3	9379.1	10402.9	11365.9	12331.1	13343.6	14286.3	15172.5	15993.4	16602.3	17015.0
-2.5°	8411.6	9328.1	10303.5	11285.5	12234.9	13221.9	14175.6	15052.5	15870.6	16493.2	16892.8
-5°	8312.2	9235.5	10194.1	11169.5	12106.5	13059.2	13993.0	14868.9	15668.2	16326.0	16787.5
-7.5°	8178.5	9086.7	10025.4	10977.1	11900.0	12819.8	13726.7	14582.7	15390.0	16115.9	16681.3
-10°	7999.6	8874.2	9791.8	10715.6	11630.2	12516.0	13385.5	14232.9	15052.3	15740.7	16290.8
-12.5°	7785.0	8619.7	9498.2	10385.1	11276.8	12129.3	12965.4	13784.3	14547.2	15211.3	15746.9
-15°	7526.2	8327.5	9157.9	10003.3	10849.2	11662.4	12451.2	13216.6	13934.3	14552.0	15073.7
-17.5°	7221.7	7997.2	8772.7	9568.1	10376.9	11141.7	11884.9	12587.5	13225.4	13792.9	14310.2
-20°	6869.6	7619.0	8348.8	9093.7	9842.6	10570.1	11271.6	11917.4	12501.8	13013.3	13472.1



REPORT NUMBER: P559075 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	6496.9	7193.3	7901.5	8574.3	9265.9	9940.3	10577.3	11181.6	11734.6	12204.0	12610.9
-25°	6105.0	6729.0	7401.6	8043.1	8670.0	9283.2	9852.3	10373.8	10891.6	11339.5	11721.1
-27.5°	5690.1	6277.5	6854.7	7466.3	8052.1	8605.0	9124.4	9604.5	10057.4	10464.5	10815.9
-30°	5241.8	5788.2	6326.3	6861.0	7400.1	7908.4	8386.5	8833.0	9238.8	9596.8	9906.4
-32.5°	4774.5	5270.9	5773.8	6264.6	6736.9	7203.5	7635.1	8041.6	8415.5	8744.2	9016.7
-35°	4294.6	4752.7	5199.3	5653.0	6079.3	6495.9	6889.4	7250.0	7566.4	7863.4	8118.6
-37.5°	3815.5	4231.2	4641.6	5044.2	5434.7	5794.7	6150.7	6478.3	6763.9	7016.0	7227.7
-40°	3361.7	3717.6	4091.2	4444.5	4798.9	5129.9	5440.0	5724.0	5967.8	6183.2	6365.5
-42.5°	2915.7	3245.9	3560.4	3878.6	4177.0	4467.1	4747.1	4995.8	5209.8	5391.8	5538.2
-45°	2451.1	2762.9	3058.6	3336.6	3603.5	3862.1	4093.9	4298.4	4499.9	4666.4	4798.1
-47.5°	1901.6	2250.3	2538.6	2797.8	3043.1	3273.8	3489.2	3669.1	3821.3	3961.8	4078.7
-50°	1349.4	1647.2	1952.4	2233.5	2461.1	2668.9	2865.9	3013.6	3137.3	3243.7	3337.9
-52.5°	842.9	1090.0	1340.5	1576.1	1807.9	2018.8	2208.0	2357.0	2473.2	2560.4	2643.1
-55°	627.6	717.5	798.4	979.8	1173.7	1341.5	1498.6	1666.7	1803.5	1910.4	2009.3
-57.5°	501.3	532.2	574.8	651.7	722.0	785.5	894.2	1026.9	1145.2	1248.6	1339.6
-60°	422.0	440.8	468.7	497.0	522.3	545.2	600.8	650.1	692.5	728.9	763.9
-62.5°	358.2	380.2	391.8	406.9	427.6	450.3	458.9	471.3	486.5	503.6	519.1
-65°	277.9	294.9	312.1	320.6	321.3	332.0	348.9	358.2	361.0	363.1	368.4
-67.5°	230.0	234.7	243.6	252.0	262.2	269.5	277.8	285.5	292.7	298.7	303.8
-70°	191.3	199.3	206.7	213.5	220.0	226.0	231.3	236.3	240.9	241.7	242.8
-72.5°	157.1	165.0	171.5	178.1	183.8	188.2	191.6	194.4	196.6	181.8	160.8
-75°	127.8	136.0	142.8	148.8	154.1	156.8	158.5	160.2	161.8	143.4	119.4
-77.5°	102.9	109.1	112.4	116.3	120.6	121.5	121.7	122.1	122.6	108.8	91.2
-80°	66.3	72.5	76.6	80.0	82.6	80.0	76.2	71.7	66.7	59.3	51.1
-82.5°	35.4	38.0	40.4	43.1	45.8	45.4	44.1	42.3	40.0	35.6	30.8
-85°	13.7	13.5	13.0	12.3	11.4	11.8	12.1	12.5	12.7	11.9	11.0
-87.5°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.2	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: P559075 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
85°	10.0	9.0	9.0	9.0	9.0	9.0	10.0	11.0	11.9	12.7	12.5
82.5°	25.7	20.3	21.4	22.6	21.4	20.3	25.7	30.8	35.6	40.0	42.3
80°	42.6	33.9	34.9	36.1	34.9	33.9	42.6	51.1	59.3	66.7	71.7
77.5°	72.3	52.5	50.7	49.6	50.7	52.5	72.3	91.2	108.8	122.6	122.1
75°	94.6	69.1	67.6	67.7	67.6	69.1	94.6	119.4	143.4	161.8	160.2
72.5°	139.6	118.1	103.1	88.0	103.1	118.1	139.6	160.8	181.8	196.6	194.4
70°	245.4	248.5	247.2	243.6	247.2	248.5	245.4	242.8	241.7	240.9	236.3
67.5°	308.0	311.2	311.9	311.2	311.9	311.2	308.0	303.8	298.7	292.7	285.5
65°	372.1	374.3	375.9	376.6	375.9	374.3	372.1	368.4	363.1	361.0	358.2
62.5°	530.7	538.5	546.7	552.5	546.7	538.5	530.7	519.1	503.6	486.5	471.3
60°	794.6	819.9	831.2	832.1	831.2	819.9	794.6	763.9	728.9	692.5	650.1
57.5°	1412.3	1466.7	1515.2	1551.5	1515.2	1466.7	1412.3	1339.6	1248.6	1145.2	1026.9
55°	2088.1	2146.0	2178.7	2187.5	2178.7	2146.0	2088.1	2009.3	1910.4	1803.5	1666.7
52.5°	2705.7	2744.2	2780.8	2812.2	2780.8	2744.2	2705.7	2643.1	2560.4	2473.2	2357.0
50°	3409.0	3451.9	3488.0	3515.8	3488.0	3451.9	3409.0	3337.9	3243.7	3137.3	3013.6
47.5°	4160.8	4213.3	4252.0	4278.0	4252.0	4213.3	4160.8	4078.7	3961.8	3821.3	3669.1
45°	4910.8	5000.8	5055.4	5065.0	5055.4	5000.8	4910.8	4798.1	4666.4	4499.9	4298.4
42.5°	5664.8	5750.9	5809.1	5852.1	5809.1	5750.9	5664.8	5538.2	5391.8	5209.8	4995.8
40°	6517.5	6625.7	6675.3	6643.6	6675.3	6625.7	6517.5	6365.5	6183.2	5967.8	5724.0
37.5°	7390.9	7502.2	7559.6	7557.0	7559.6	7502.2	7390.9	7227.7	7016.0	6763.9	6478.3
35°	8317.0	8455.0	8529.6	8510.9	8529.6	8455.0	8317.0	8118.6	7863.4	7566.4	7250.0
32.5°	9234.4	9401.2	9508.9	9525.7	9508.9	9401.2	9234.4	9016.7	8744.2	8415.5	8041.6
30°	10154.6	10334.9	10442.0	10452.5	10442.0	10334.9	10154.6	9906.4	9596.8	9238.8	8833.0
27.5°	11110.9	11312.6	11424.7	11451.6	11424.7	11312.6	11110.9	10815.9	10464.5	10057.4	9604.5
25°	12046.5	12270.3	12399.0	12448.3	12399.0	12270.3	12046.5	11721.1	11339.5	10891.6	10373.8
22.5°	12948.6	13194.1	13361.8	13404.5	13361.8	13194.1	12948.6	12610.9	12204.0	11734.6	11181.6
20°	13853.4	14143.1	14357.6	14378.7	14357.6	14143.1	13853.4	13472.1	13013.3	12501.8	11917.4
17.5°	14724.6	15038.1	15267.6	15323.6	15267.6	15038.1	14724.6	14310.2	13792.9	13225.4	12587.5
15°	15504.6	15833.6	16055.2	16103.9	16055.2	15833.6	15504.6	15073.7	14552.0	13934.3	13216.6
12.5°	16177.6	16480.9	16687.8	16766.9	16687.8	16480.9	16177.6	15746.9	15211.3	14547.2	13784.3
10°	16719.8	16954.1	17139.0	17222.4	17139.0	16954.1	16719.8	16290.8	15740.7	15052.3	14232.9
7.5°	17022.5	17215.2	17343.3	17389.3	17343.3	17215.2	17022.5	16681.3	16115.9	15390.0	14582.7
5°	17142.1	17326.9	17396.2	17436.7	17396.2	17326.9	17142.1	16787.5	16326.0	15668.2	14868.9
2.5°	17158.4	17306.3	17448.9	17542.7	17448.9	17306.3	17158.4	16892.8	16493.2	15870.6	15052.5
0°	17254.0	17398.4	17477.3	17522.4	17477.3	17398.4	17254.0	17015.0	16602.3	15993.4	15172.5
-2.5°	17158.4	17306.3	17448.9	17542.7	17448.9	17306.3	17158.4	16892.8	16493.2	15870.6	15052.5
-5°	17142.1	17326.9	17396.2	17436.7	17396.2	17326.9	17142.1	16787.5	16326.0	15668.2	14868.9
-7.5°	17022.5	17215.2	17343.3	17389.3	17343.3	17215.2	17022.5	16681.3	16115.9	15390.0	14582.7
-10°	16719.8	16954.1	17139.0	17222.4	17139.0	16954.1	16719.8	16290.8	15740.7	15052.3	14232.9
-12.5°	16177.6	16480.9	16687.8	16766.9	16687.8	16480.9	16177.6	15746.9	15211.3	14547.2	13784.3
-15°	15504.6	15833.6	16055.2	16103.9	16055.2	15833.6	15504.6	15073.7	14552.0	13934.3	13216.6
-17.5°	14724.6	15038.1	15267.6	15323.6	15267.6	15038.1	14724.6	14310.2	13792.9	13225.4	12587.5
-20°	13853.4	14143.1	14357.6	14378.7	14357.6	14143.1	13853.4	13472.1	13013.3	12501.8	11917.4



REPORT NUMBER: P559075 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	12948.6	13194.1	13361.8	13404.5	13361.8	13194.1	12948.6	12610.9	12204.0	11734.6	11181.6
-25°	12046.5	12270.3	12399.0	12448.3	12399.0	12270.3	12046.5	11721.1	11339.5	10891.6	10373.8
-27.5°	11110.9	11312.6	11424.7	11451.6	11424.7	11312.6	11110.9	10815.9	10464.5	10057.4	9604.5
-30°	10154.6	10334.9	10442.0	10452.5	10442.0	10334.9	10154.6	9906.4	9596.8	9238.8	8833.0
-32.5°	9234.4	9401.2	9508.9	9525.7	9508.9	9401.2	9234.4	9016.7	8744.2	8415.5	8041.6
-35°	8317.0	8455.0	8529.6	8510.9	8529.6	8455.0	8317.0	8118.6	7863.4	7566.4	7250.0
-37.5°	7390.9	7502.2	7559.6	7557.0	7559.6	7502.2	7390.9	7227.7	7016.0	6763.9	6478.3
-40°	6517.5	6625.7	6675.3	6643.6	6675.3	6625.7	6517.5	6365.5	6183.2	5967.8	5724.0
-42.5°	5664.8	5750.9	5809.1	5852.1	5809.1	5750.9	5664.8	5538.2	5391.8	5209.8	4995.8
-45°	4910.8	5000.8	5055.4	5065.0	5055.4	5000.8	4910.8	4798.1	4666.4	4499.9	4298.4
-47.5°	4160.8	4213.3	4252.0	4278.0	4252.0	4213.3	4160.8	4078.7	3961.8	3821.3	3669.1
-50°	3409.0	3451.9	3488.0	3515.8	3488.0	3451.9	3409.0	3337.9	3243.7	3137.3	3013.6
-52.5°	2705.7	2744.2	2780.8	2812.2	2780.8	2744.2	2705.7	2643.1	2560.4	2473.2	2357.0
-55°	2088.1	2146.0	2178.7	2187.5	2178.7	2146.0	2088.1	2009.3	1910.4	1803.5	1666.7
-57.5°	1412.3	1466.7	1515.2	1551.5	1515.2	1466.7	1412.3	1339.6	1248.6	1145.2	1026.9
-60°	794.6	819.9	831.2	832.1	831.2	819.9	794.6	763.9	728.9	692.5	650.1
-62.5°	530.7	538.5	546.7	552.5	546.7	538.5	530.7	519.1	503.6	486.5	471.3
-65°	372.1	374.3	375.9	376.6	375.9	374.3	372.1	368.4	363.1	361.0	358.2
-67.5°	308.0	311.2	311.9	311.2	311.9	311.2	308.0	303.8	298.7	292.7	285.5
-70°	245.4	248.5	247.2	243.6	247.2	248.5	245.4	242.8	241.7	240.9	236.3
-72.5°	139.6	118.1	103.1	88.0	103.1	118.1	139.6	160.8	181.8	196.6	194.4
-75°	94.6	69.1	67.6	67.7	67.6	69.1	94.6	119.4	143.4	161.8	160.2
-77.5°	72.3	52.5	50.7	49.6	50.7	52.5	72.3	91.2	108.8	122.6	122.1
-80°	42.6	33.9	34.9	36.1	34.9	33.9	42.6	51.1	59.3	66.7	71.7
-82.5°	25.7	20.3	21.4	22.6	21.4	20.3	25.7	30.8	35.6	40.0	42.3
-85°	10.0	9.0	9.0	9.0	9.0	9.0	10.0	11.0	11.9	12.7	12.5
-87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
-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°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	2.3	2.6	2.9	3.2
85°	12.1	11.8	11.4	12.3	13.0	13.5	13.7	12.0	10.5	9.3	8.3
82.5°	44.1	45.4	45.8	43.1	40.4	38.0	35.4	29.6	24.3	19.6	15.9
80°	76.2	80.0	82.6	80.0	76.6	72.5	66.3	54.3	43.7	35.0	29.6
77.5°	121.7	121.5	120.6	116.3	112.4	109.1	102.9	84.8	67.2	51.7	43.9
75°	158.5	156.8	154.1	148.8	142.8	136.0	127.8	115.4	99.8	81.0	67.9
72.5°	191.6	188.2	183.8	178.1	171.5	165.0	157.1	146.8	134.8	121.1	110.3
70°	231.3	226.0	220.0	213.5	206.7	199.3	191.3	181.3	168.7	155.2	147.5
67.5°	277.8	269.5	262.2	252.0	243.6	234.7	230.0	221.5	210.0	196.1	186.7
65°	348.9	332.0	321.3	320.6	312.1	294.9	277.9	269.6	260.2	244.7	228.2
62.5°	458.9	450.3	427.6	406.9	391.8	380.2	358.2	334.8	316.6	300.7	279.3
60°	600.8	545.2	522.3	497.0	468.7	440.8	422.0	399.3	372.4	351.1	329.2
57.5°	894.2	785.5	722.0	651.7	574.8	532.2	501.3	465.7	435.3	405.6	378.0
55°	1498.6	1341.5	1173.7	979.8	798.4	717.5	627.6	556.8	513.1	463.0	430.0
52.5°	2208.0	2018.8	1807.9	1576.1	1340.5	1090.0	842.9	738.0	617.5	543.1	487.9
50°	2865.9	2668.9	2461.1	2233.5	1952.4	1647.2	1349.4	1052.3	809.7	671.1	560.5
47.5°	3489.2	3273.8	3043.1	2797.8	2538.6	2250.3	1901.6	1535.9	1191.9	846.7	696.0
45°	4093.9	3862.1	3603.5	3336.6	3058.6	2762.9	2451.1	2075.8	1662.2	1265.1	855.1
42.5°	4747.1	4467.1	4177.0	3878.6	3560.4	3245.9	2915.7	2563.7	2166.7	1710.7	1266.9
40°	5440.0	5129.9	4798.9	4444.5	4091.2	3717.6	3361.7	2991.5	2605.2	2174.4	1674.1
37.5°	6150.7	5794.7	5434.7	5044.2	4641.6	4231.2	3815.5	3407.8	2995.2	2574.3	2089.8
35°	6889.4	6495.9	6079.3	5653.0	5199.3	4752.7	4294.6	3831.3	3380.0	2930.5	2467.4
32.5°	7635.1	7203.5	6736.9	6264.6	5773.8	5270.9	4774.5	4271.6	3756.1	3276.8	2791.9
30°	8386.5	7908.4	7400.1	6861.0	6326.3	5788.2	5241.8	4690.3	4138.2	3605.9	3103.1
27.5°	9124.4	8605.0	8052.1	7466.3	6854.7	6277.5	5690.1	5092.5	4498.0	3931.2	3391.5
25°	9852.3	9283.2	8670.0	8043.1	7401.6	6729.0	6105.0	5476.6	4851.1	4235.1	3652.3
22.5°	10577.3	9940.3	9265.9	8574.3	7901.5	7193.3	6496.9	5829.6	5177.1	4524.2	3907.4
20°	11271.6	10570.1	9842.6	9093.7	8348.8	7619.0	6869.6	6160.1	5471.0	4794.8	4144.4
17.5°	11884.9	11141.7	10376.9	9568.1	8772.7	7997.2	7221.7	6462.8	5737.0	5030.1	4359.1
15°	12451.2	11662.4	10849.2	10003.3	9157.9	8327.5	7526.2	6729.4	5975.5	5239.2	4549.6
12.5°	12965.4	12129.3	11276.8	10385.1	9498.2	8619.7	7785.0	6969.6	6183.9	5425.5	4710.3
10°	13385.5	12516.0	11630.2	10715.6	9791.8	8874.2	7999.6	7163.3	6351.8	5573.9	4844.1
7.5°	13726.7	12819.8	11900.0	10977.1	10025.4	9086.7	8178.5	7309.9	6482.9	5682.4	4949.4
5°	13993.0	13059.2	12106.5	11169.5	10194.1	9235.5	8312.2	7408.4	6574.9	5752.0	5025.2
2.5°	14175.6	13221.9	12234.9	11285.5	10303.5	9328.1	8411.6	7484.7	6640.4	5825.3	5091.5
0°	14286.3	13343.6	12331.1	11365.9	10402.9	9379.1	8479.3	7536.7	6668.4	5872.4	5125.9
-2.5°	14175.6	13221.9	12234.9	11285.5	10303.5	9328.1	8411.6	7484.7	6640.4	5825.3	5091.5
-5°	13993.0	13059.2	12106.5	11169.5	10194.1	9235.5	8312.2	7408.4	6574.9	5752.0	5025.2
-7.5°	13726.7	12819.8	11900.0	10977.1	10025.4	9086.7	8178.5	7309.9	6482.9	5682.4	4949.4
-10°	13385.5	12516.0	11630.2	10715.6	9791.8	8874.2	7999.6	7163.3	6351.8	5573.9	4844.1
-12.5°	12965.4	12129.3	11276.8	10385.1	9498.2	8619.7	7785.0	6969.6	6183.9	5425.5	4710.3
-15°	12451.2	11662.4	10849.2	10003.3	9157.9	8327.5	7526.2	6729.4	5975.5	5239.2	4549.6
-17.5°	11884.9	11141.7	10376.9	9568.1	8772.7	7997.2	7221.7	6462.8	5737.0	5030.1	4359.1
-20°	11271.6	10570.1	9842.6	9093.7	8348.8	7619.0	6869.6	6160.1	5471.0	4794.8	4144.4



REPORT NUMBER: P559075 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	10577.3	9940.3	9265.9	8574.3	7901.5	7193.3	6496.9	5829.6	5177.1	4524.2	3907.4
-25°	9852.3	9283.2	8670.0	8043.1	7401.6	6729.0	6105.0	5476.6	4851.1	4235.1	3652.3
-27.5°	9124.4	8605.0	8052.1	7466.3	6854.7	6277.5	5690.1	5092.5	4498.0	3931.2	3391.5
-30°	8386.5	7908.4	7400.1	6861.0	6326.3	5788.2	5241.8	4690.3	4138.2	3605.9	3103.1
-32.5°	7635.1	7203.5	6736.9	6264.6	5773.8	5270.9	4774.5	4271.6	3756.1	3276.8	2791.9
-35°	6889.4	6495.9	6079.3	5653.0	5199.3	4752.7	4294.6	3831.3	3380.0	2930.5	2467.4
-37.5°	6150.7	5794.7	5434.7	5044.2	4641.6	4231.2	3815.5	3407.8	2995.2	2574.3	2089.8
-40°	5440.0	5129.9	4798.9	4444.5	4091.2	3717.6	3361.7	2991.5	2605.2	2174.4	1674.1
-42.5°	4747.1	4467.1	4177.0	3878.6	3560.4	3245.9	2915.7	2563.7	2166.7	1710.7	1266.9
-45°	4093.9	3862.1	3603.5	3336.6	3058.6	2762.9	2451.1	2075.8	1662.2	1265.1	855.1
-47.5°	3489.2	3273.8	3043.1	2797.8	2538.6	2250.3	1901.6	1535.9	1191.9	846.7	696.0
-50°	2865.9	2668.9	2461.1	2233.5	1952.4	1647.2	1349.4	1052.3	809.7	671.1	560.5
-52.5°	2208.0	2018.8	1807.9	1576.1	1340.5	1090.0	842.9	738.0	617.5	543.1	487.9
-55°	1498.6	1341.5	1173.7	979.8	798.4	717.5	627.6	556.8	513.1	463.0	430.0
-57.5°	894.2	785.5	722.0	651.7	574.8	532.2	501.3	465.7	435.3	405.6	378.0
-60°	600.8	545.2	522.3	497.0	468.7	440.8	422.0	399.3	372.4	351.1	329.2
-62.5°	458.9	450.3	427.6	406.9	391.8	380.2	358.2	334.8	316.6	300.7	279.3
-65°	348.9	332.0	321.3	320.6	312.1	294.9	277.9	269.6	260.2	244.7	228.2
-67.5°	277.8	269.5	262.2	252.0	243.6	234.7	230.0	221.5	210.0	196.1	186.7
-70°	231.3	226.0	220.0	213.5	206.7	199.3	191.3	181.3	168.7	155.2	147.5
-72.5°	191.6	188.2	183.8	178.1	171.5	165.0	157.1	146.8	134.8	121.1	110.3
-75°	158.5	156.8	154.1	148.8	142.8	136.0	127.8	115.4	99.8	81.0	67.9
-77.5°	121.7	121.5	120.6	116.3	112.4	109.1	102.9	84.8	67.2	51.7	43.9
-80°	76.2	80.0	82.6	80.0	76.6	72.5	66.3	54.3	43.7	35.0	29.6
-82.5°	44.1	45.4	45.8	43.1	40.4	38.0	35.4	29.6	24.3	19.6	15.9
-85°	12.1	11.8	11.4	12.3	13.0	13.5	13.7	12.0	10.5	9.3	8.3
-87.5°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	2.3	2.6	2.9	3.2
-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: P559075 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	3.0	2.9	2.7	2.6	2.7	2.8	2.9	2.9	2.6	2.3	2.0
85°	8.3	8.1	7.6	6.8	6.4	5.7	5.8	5.7	5.2	4.6	4.1
82.5°	16.0	16.1	16.2	16.0	15.9	15.3	14.3	12.7	10.0	7.3	6.1
80°	33.1	35.0	35.0	32.9	28.8	25.0	24.0	22.1	18.3	14.5	10.9
77.5°	50.5	55.4	58.3	57.1	50.9	44.9	39.1	33.0	26.5	21.7	17.0
75°	69.2	75.5	80.3	80.2	73.6	64.8	57.0	48.8	39.1	29.3	23.1
72.5°	104.7	102.2	103.0	103.5	97.8	89.3	77.8	64.4	53.2	41.9	30.4
70°	140.5	131.2	124.9	123.8	120.8	114.5	103.0	85.7	67.3	54.3	41.3
67.5°	178.1	168.8	156.8	146.2	142.4	136.8	128.0	107.7	86.0	66.6	52.0
65°	216.7	205.6	194.2	178.9	167.2	159.3	150.3	128.6	104.0	81.7	62.6
62.5°	258.8	240.6	226.2	209.5	193.6	181.6	172.1	148.6	121.6	96.1	74.0
60°	305.2	281.9	258.3	238.5	219.5	202.6	189.0	168.7	140.7	109.8	85.3
57.5°	352.2	323.8	294.3	268.0	245.8	224.6	205.1	185.5	159.7	126.6	95.5
55°	399.3	367.8	330.4	298.3	271.8	248.3	222.6	200.7	177.6	144.1	103.5
52.5°	445.0	409.1	369.1	329.3	296.9	270.3	241.9	215.8	191.6	161.6	115.2
50°	500.7	448.7	406.6	363.6	321.7	290.6	260.1	231.8	205.5	177.5	126.2
47.5°	565.2	499.4	443.9	396.9	351.7	310.5	278.2	247.0	219.3	189.9	135.7
45°	693.8	557.0	487.3	431.4	380.0	334.5	296.2	261.1	231.9	195.3	143.8
42.5°	840.8	664.5	538.4	465.4	410.6	358.6	313.7	276.6	243.5	198.8	148.3
40°	1194.5	798.8	607.3	510.7	441.3	381.1	333.6	292.0	253.3	200.9	150.0
37.5°	1557.8	1048.0	728.3	554.7	474.0	408.5	352.4	306.9	257.5	203.1	150.5
35°	1926.4	1373.7	847.0	634.2	513.1	435.1	369.6	321.7	267.0	205.2	149.8
32.5°	2276.3	1688.3	1119.1	739.5	550.7	460.8	389.8	336.5	279.0	207.3	147.8
30°	2576.5	1993.9	1388.6	839.9	603.0	492.7	412.0	350.4	293.3	209.2	145.6
27.5°	2849.5	2279.2	1642.1	1034.7	689.7	523.4	433.1	363.5	309.7	214.4	146.0
25°	3100.7	2522.6	1886.7	1248.3	771.1	552.6	452.1	376.0	322.7	225.5	146.1
22.5°	3322.6	2739.3	2110.4	1442.8	844.4	581.0	472.7	391.8	332.6	237.2	145.8
20°	3521.7	2936.2	2313.7	1622.4	965.2	641.8	494.9	405.9	341.6	249.3	145.0
17.5°	3700.9	3107.4	2484.7	1792.8	1109.4	695.5	515.2	418.2	349.7	261.5	143.6
15°	3875.7	3252.8	2629.9	1943.5	1236.5	742.1	533.4	428.7	356.8	273.3	142.9
12.5°	4022.7	3377.2	2752.3	2073.7	1345.7	781.4	549.3	437.5	362.9	283.8	141.9
10°	4140.6	3479.9	2851.9	2182.7	1436.5	813.5	562.9	444.1	367.6	292.5	139.1
7.5°	4229.5	3560.2	2928.7	2269.7	1508.3	839.9	571.7	447.9	371.4	299.4	134.6
5°	4293.6	3620.8	2984.7	2334.0	1560.3	861.5	577.2	449.9	374.2	304.3	128.9
2.5°	4346.6	3663.3	3019.8	2375.2	1591.9	876.3	579.9	450.1	376.0	306.9	122.3
0°	4372.7	3682.6	3033.2	2392.7	1603.4	884.0	579.6	448.8	376.6	306.7	115.0
-2.5°	4346.6	3663.3	3019.8	2375.2	1591.9	876.3	579.9	450.1	376.0	306.9	122.3
-5°	4293.6	3620.8	2984.7	2334.0	1560.3	861.5	577.2	449.9	374.2	304.3	128.9
-7.5°	4229.5	3560.2	2928.7	2269.7	1508.3	839.9	571.7	447.9	371.4	299.4	134.6
-10°	4140.6	3479.9	2851.9	2182.7	1436.5	813.5	562.9	444.1	367.6	292.5	139.1
-12.5°	4022.7	3377.2	2752.3	2073.7	1345.7	781.4	549.3	437.5	362.9	283.8	141.9
-15°	3875.7	3252.8	2629.9	1943.5	1236.5	742.1	533.4	428.7	356.8	273.3	142.9
-17.5°	3700.9	3107.4	2484.7	1792.8	1109.4	695.5	515.2	418.2	349.7	261.5	143.6
-20°	3521.7	2936.2	2313.7	1622.4	965.2	641.8	494.9	405.9	341.6	249.3	145.0



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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°	3322.6	2739.3	2110.4	1442.8	844.4	581.0	472.7	391.8	332.6	237.2	145.8
-25°	3100.7	2522.6	1886.7	1248.3	771.1	552.6	452.1	376.0	322.7	225.5	146.1
-27.5°	2849.5	2279.2	1642.1	1034.7	689.7	523.4	433.1	363.5	309.7	214.4	146.0
-30°	2576.5	1993.9	1388.6	839.9	603.0	492.7	412.0	350.4	293.3	209.2	145.6
-32.5°	2276.3	1688.3	1119.1	739.5	550.7	460.8	389.8	336.5	279.0	207.3	147.8
-35°	1926.4	1373.7	847.0	634.2	513.1	435.1	369.6	321.7	267.0	205.2	149.8
-37.5°	1557.8	1048.0	728.3	554.7	474.0	408.5	352.4	306.9	257.5	203.1	150.5
-40°	1194.5	798.8	607.3	510.7	441.3	381.1	333.6	292.0	253.3	200.9	150.0
-42.5°	840.8	664.5	538.4	465.4	410.6	358.6	313.7	276.6	243.5	198.8	148.3
-45°	693.8	557.0	487.3	431.4	380.0	334.5	296.2	261.1	231.9	195.3	143.8
-47.5°	565.2	499.4	443.9	396.9	351.7	310.5	278.2	247.0	219.3	189.9	135.7
-50°	500.7	448.7	406.6	363.6	321.7	290.6	260.1	231.8	205.5	177.5	126.2
-52.5°	445.0	409.1	369.1	329.3	296.9	270.3	241.9	215.8	191.6	161.6	115.2
-55°	399.3	367.8	330.4	298.3	271.8	248.3	222.6	200.7	177.6	144.1	103.5
-57.5°	352.2	323.8	294.3	268.0	245.8	224.6	205.1	185.5	159.7	126.6	95.5
-60°	305.2	281.9	258.3	238.5	219.5	202.6	189.0	168.7	140.7	109.8	85.3
-62.5°	258.8	240.6	226.2	209.5	193.6	181.6	172.1	148.6	121.6	96.1	74.0
-65°	216.7	205.6	194.2	178.9	167.2	159.3	150.3	128.6	104.0	81.7	62.6
-67.5°	178.1	168.8	156.8	146.2	142.4	136.8	128.0	107.7	86.0	66.6	52.0
-70°	140.5	131.2	124.9	123.8	120.8	114.5	103.0	85.7	67.3	54.3	41.3
-72.5°	104.7	102.2	103.0	103.5	97.8	89.3	77.8	64.4	53.2	41.9	30.4
-75°	69.2	75.5	80.3	80.2	73.6	64.8	57.0	48.8	39.1	29.3	23.1
-77.5°	50.5	55.4	58.3	57.1	50.9	44.9	39.1	33.0	26.5	21.7	17.0
-80°	33.1	35.0	35.0	32.9	28.8	25.0	24.0	22.1	18.3	14.5	10.9
-82.5°	16.0	16.1	16.2	16.0	15.9	15.3	14.3	12.7	10.0	7.3	6.1
-85°	8.3	8.1	7.6	6.8	6.4	5.7	5.8	5.7	5.2	4.6	4.1
-87.5°	3.0	2.9	2.7	2.6	2.7	2.8	2.9	2.9	2.6	2.3	2.0
-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°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
85°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
82.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
80°	7.4	5.9	4.7	3.5	2.4	1.2	0.0
77.5°	12.5	8.1	5.9	4.4	2.9	1.5	0.0
75°	17.4	11.6	7.2	5.3	3.5	1.8	0.0
72.5°	22.2	15.1	9.6	6.1	4.1	2.0	0.0
70°	27.2	18.4	11.9	7.1	4.6	2.3	0.0
67.5°	35.5	21.6	14.0	8.4	5.2	2.6	0.0
65°	43.3	25.8	16.1	9.7	5.7	2.9	0.0
62.5°	50.5	30.9	18.0	11.0	6.3	3.1	0.0
60°	57.1	35.6	19.9	12.1	6.8	3.4	0.0
57.5°	63.8	39.8	22.6	13.2	7.5	3.7	0.0
55°	69.7	43.6	25.2	14.2	8.1	3.9	0.0
52.5°	74.8	46.9	27.4	15.1	8.7	4.1	0.0
50°	79.0	50.0	29.3	15.9	9.4	4.4	0.0
47.5°	83.0	52.5	30.9	16.7	10.0	4.6	0.0
45°	89.7	54.4	32.1	17.6	10.5	4.8	0.0
42.5°	95.3	55.6	33.0	18.3	11.1	5.0	0.0
40°	99.8	56.2	33.6	19.1	11.6	5.2	0.0
37.5°	103.1	56.2	33.9	20.1	12.1	5.4	0.0
35°	105.4	57.5	33.8	20.9	12.5	5.6	0.0
32.5°	105.8	59.0	33.3	21.8	13.0	5.7	0.0
30°	103.8	59.8	32.5	22.5	13.4	5.9	0.0
27.5°	101.0	59.8	33.3	23.3	13.8	6.0	0.0
25°	97.4	59.1	34.3	23.9	14.1	6.2	0.0
22.5°	92.9	59.1	35.2	24.5	14.4	6.3	0.0
20°	87.8	61.9	36.1	25.0	14.7	6.4	0.0
17.5°	86.9	64.4	36.9	25.5	15.0	6.5	0.0
15°	88.6	66.5	37.7	25.9	15.2	6.6	0.0
12.5°	90.2	68.2	38.4	26.3	15.4	6.6	0.0
10°	91.5	69.7	39.0	26.6	15.5	6.7	0.0
7.5°	92.7	70.8	39.5	26.8	15.6	6.7	0.0
5°	93.6	71.6	40.0	27.0	15.7	6.8	0.0
2.5°	94.3	72.0	40.3	27.1	15.8	6.8	0.0
0°	94.7	72.2	40.6	27.1	15.8	6.8	0.0
-2.5°	94.3	72.0	40.3	27.1	15.8	6.8	0.0
-5°	93.6	71.6	40.0	27.0	15.7	6.8	0.0
-7.5°	92.7	70.8	39.5	26.8	15.6	6.7	0.0
-10°	91.5	69.7	39.0	26.6	15.5	6.7	0.0
-12.5°	90.2	68.2	38.4	26.3	15.4	6.6	0.0
-15°	88.6	66.5	37.7	25.9	15.2	6.6	0.0
-17.5°	86.9	64.4	36.9	25.5	15.0	6.5	0.0
-20°	87.8	61.9	36.1	25.0	14.7	6.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	92.9	59.1	35.2	24.5	14.4	6.3	0.0
-25°	97.4	59.1	34.3	23.9	14.1	6.2	0.0
-27.5°	101.0	59.8	33.3	23.3	13.8	6.0	0.0
-30°	103.8	59.8	32.5	22.5	13.4	5.9	0.0
-32.5°	105.8	59.0	33.3	21.8	13.0	5.7	0.0
-35°	105.4	57.5	33.8	20.9	12.5	5.6	0.0
-37.5°	103.1	56.2	33.9	20.1	12.1	5.4	0.0
-40°	99.8	56.2	33.6	19.1	11.6	5.2	0.0
-42.5°	95.3	55.6	33.0	18.3	11.1	5.0	0.0
-45°	89.7	54.4	32.1	17.6	10.5	4.8	0.0
-47.5°	83.0	52.5	30.9	16.7	10.0	4.6	0.0
-50°	79.0	50.0	29.3	15.9	9.4	4.4	0.0
-52.5°	74.8	46.9	27.4	15.1	8.7	4.1	0.0
-55°	69.7	43.6	25.2	14.2	8.1	3.9	0.0
-57.5°	63.8	39.8	22.6	13.2	7.5	3.7	0.0
-60°	57.1	35.6	19.9	12.1	6.8	3.4	0.0
-62.5°	50.5	30.9	18.0	11.0	6.3	3.1	0.0
-65°	43.3	25.8	16.1	9.7	5.7	2.9	0.0
-67.5°	35.5	21.6	14.0	8.4	5.2	2.6	0.0
-70°	27.2	18.4	11.9	7.1	4.6	2.3	0.0
-72.5°	22.2	15.1	9.6	6.1	4.1	2.0	0.0
-75°	17.4	11.6	7.2	5.3	3.5	1.8	0.0
-77.5°	12.5	8.1	5.9	4.4	2.9	1.5	0.0
-80°	7.4	5.9	4.7	3.5	2.4	1.2	0.0
-82.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
-85°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
-87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)