

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: P558622 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-927-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558622 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2B-927-U-NAT-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (32) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

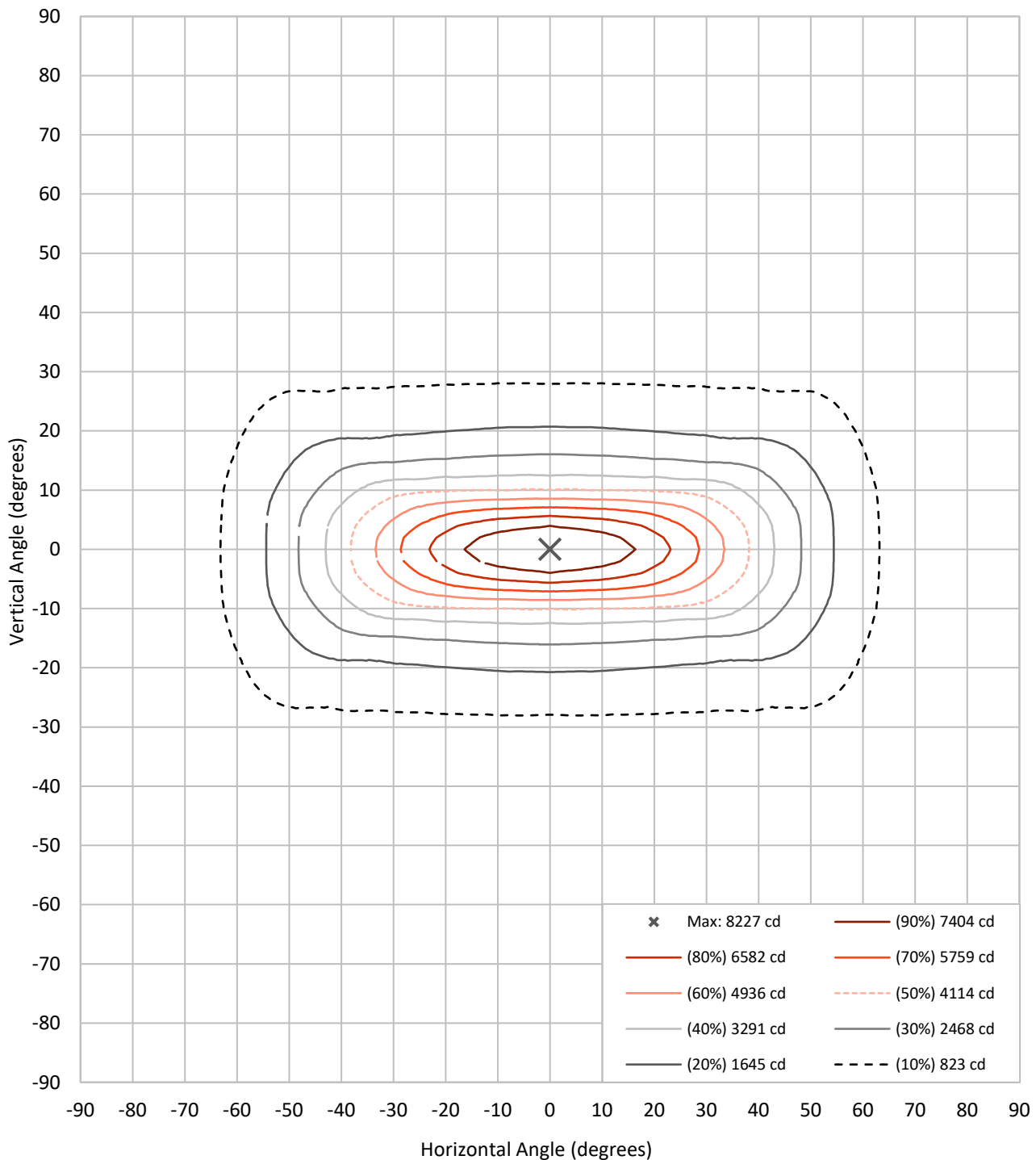
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	5892 lumens	Max Intensity:	8227 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	2357.4 lumens	Field Lumens:	4829.1 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%
Input Watts (W):	63		
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





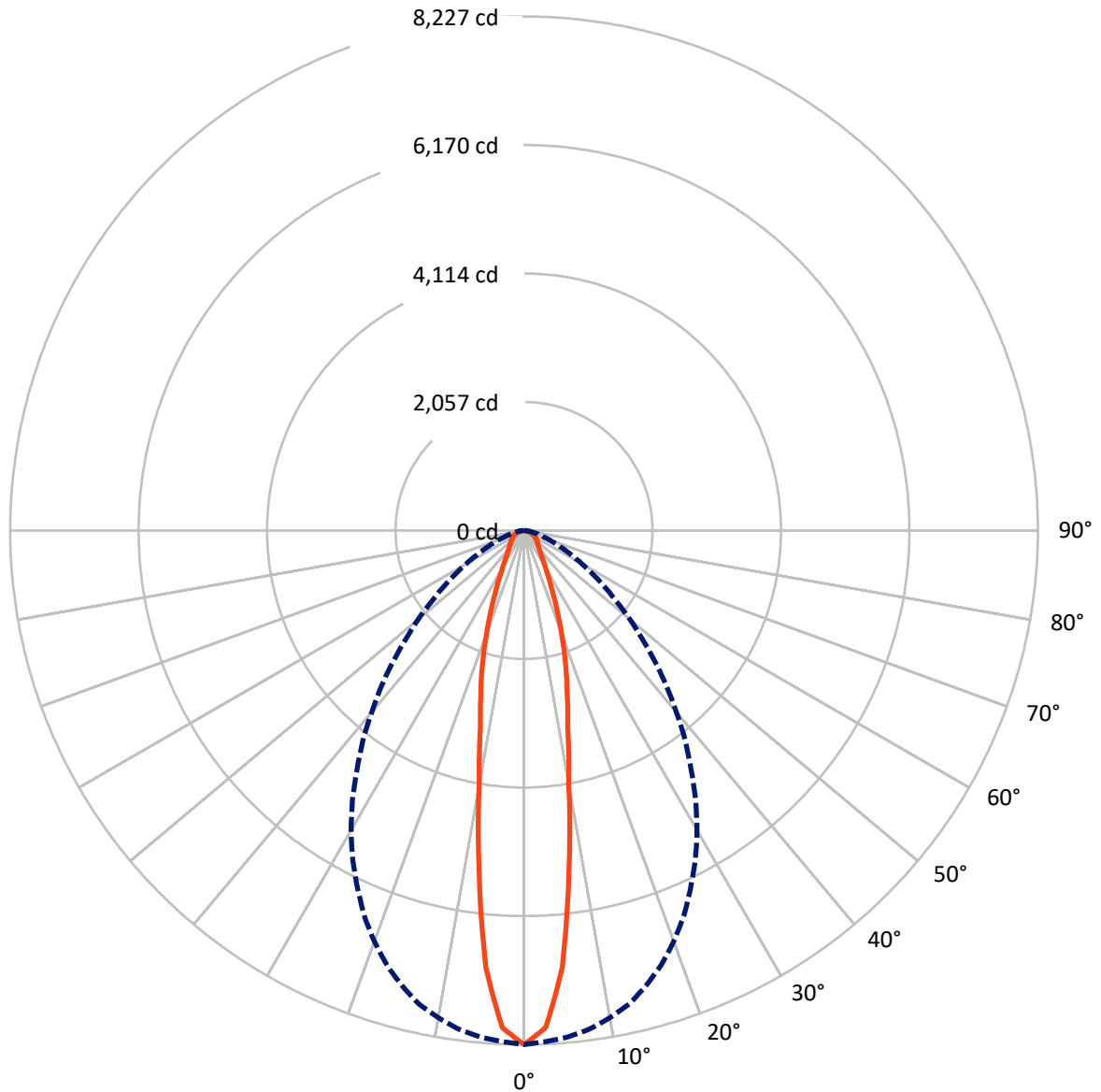
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Lumen Table

90	0.3	2.0	4.1	6.0	6.7	6.0	4.1	2.0	0.3							
80	0.3	2.0	4.1	6.0	6.7	6.0	4.1	2.0	0.3							
70	1.3	1.2	2.1	2.8	3.5	4.2	4.8	5.1	5.1	4.8	4.2	3.5	2.8	2.1	1.2	1.3
60		1.9	3.4	4.5	5.3	6.1	6.8	7.2	7.2	6.8	6.1	5.3	4.5	3.4	1.9	
50	2.5	2.9	5.1	6.8	7.8	8.6	9.3	9.6	9.6	9.3	8.6	7.8	6.8	5.1	2.9	2.5
40		4.3	8.2	10.8	12.6	13.9	14.9	15.3	15.3	14.9	13.9	12.6	10.8	8.2	4.3	
30	3.9	6.1	13.9	20.8	25.1	29.1	32.4	34.3	34.3	32.4	29.1	25.1	20.8	13.9	6.1	3.9
20		8.1	21.5	41.3	59.4	70.8	78.9	83.4	83.4	78.9	70.8	59.4	41.3	21.5	8.1	
10	4.5	9.2	27.6	60.9	105.3	149.4	181.8	198.9	198.9	181.8	149.4	105.3	60.9	27.6	9.2	4.5
0		9.2	27.6	60.9	105.3	149.4	181.8	198.9	198.9	181.8	149.4	105.3	60.9	27.6	9.2	
-10	3.9	8.1	21.5	41.3	59.4	70.8	78.9	83.4	83.4	78.9	70.8	59.4	41.3	21.5	8.1	3.9
-20		6.1	13.9	20.8	25.1	29.1	32.4	34.3	34.3	32.4	29.1	25.1	20.8	13.9	6.1	
-30	2.5	4.3	8.2	10.8	12.6	13.9	14.9	15.3	15.3	14.9	13.9	12.6	10.8	8.2	4.3	2.5
-40		2.9	5.1	6.8	7.8	8.6	9.3	9.6	9.6	9.3	8.6	7.8	6.8	5.1	2.9	
-50	1.3	1.9	3.4	4.5	5.3	6.1	6.8	7.2	7.2	6.8	6.1	5.3	4.5	3.4	1.9	1.3
-60		1.2	2.1	2.8	3.5	4.2	4.8	5.1	5.1	4.8	4.2	3.5	2.8	2.1	1.2	
-70	0.3	2.0	4.1	6.0	6.7	6.0	4.1	2.0	0.3							
-80		0.3	2.0	4.1	6.0	6.7	6.0	4.1	2.0	0.3						
-90	0.3	2.0	4.1	6.0	6.7	6.0	4.1	2.0	0.3							

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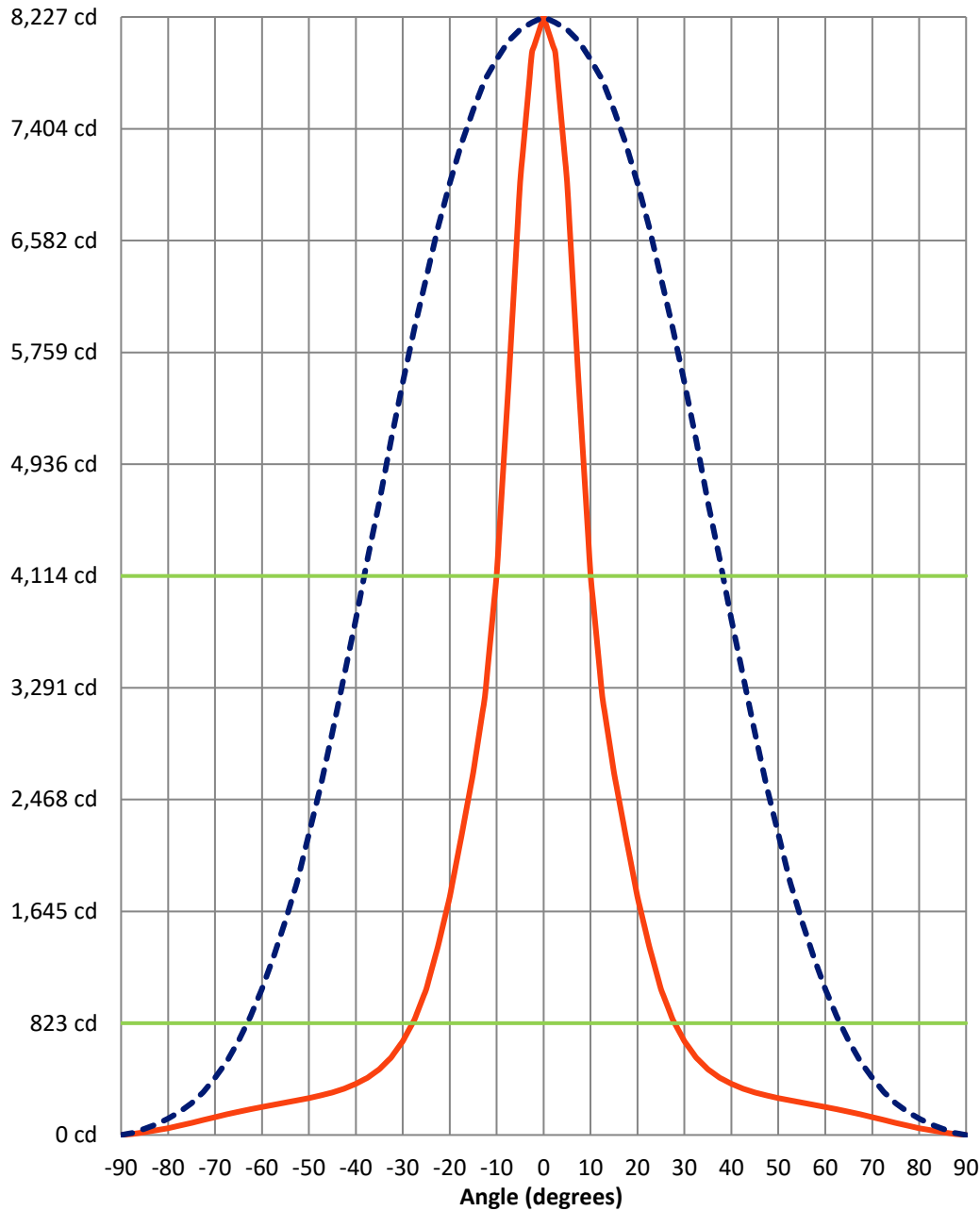
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 2357.4
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 4829.1
 Efficiency: 82.0%

Spill:
 Lumens: 1062.9
 Efficiency: 18.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-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	0.7	1.4	2.0	2.5	2.9	3.3	3.7	4.1	4.5	4.9
85°	0.0	1.4	2.7	3.9	4.9	5.8	6.6	7.5	8.3	9.0	9.7
82.5°	0.0	2.0	4.1	5.8	7.4	8.7	9.9	11.2	12.7	15.1	17.3
80°	0.0	2.7	5.4	7.8	9.8	11.6	13.5	17.2	20.6	23.7	26.4
77.5°	0.0	3.4	6.8	9.7	12.3	15.4	19.9	24.3	28.4	32.2	35.8
75°	0.0	4.1	8.1	11.6	15.1	20.9	26.2	31.4	36.4	41.5	45.8
72.5°	0.0	4.7	9.4	13.5	19.6	26.3	32.5	38.8	45.3	51.0	55.8
70°	0.0	5.4	10.7	15.7	24.1	31.7	38.9	46.9	54.2	60.6	66.8
67.5°	0.0	6.0	12.0	19.1	28.5	37.1	46.3	55.1	63.2	71.5	78.2
65°	0.0	6.6	13.3	22.5	32.9	42.9	53.6	63.2	73.5	82.5	90.4
62.5°	0.0	7.2	14.5	25.8	37.2	49.2	60.8	72.3	83.9	94.0	104.2
60°	0.0	7.8	15.7	29.1	41.4	55.4	68.1	81.8	94.3	107.0	118.2
57.5°	0.0	8.4	17.8	32.3	46.4	61.6	76.3	91.3	106.0	120.1	133.4
55°	0.0	9.0	19.9	35.4	51.4	67.7	84.5	100.8	117.9	133.7	149.3
52.5°	0.0	9.6	21.9	38.5	56.3	73.8	92.6	111.4	129.9	149.1	165.7
50°	0.0	10.1	23.9	41.5	61.1	80.6	100.6	122.2	142.5	164.7	185.2
47.5°	0.0	10.6	25.8	44.6	65.8	87.2	108.7	133.0	156.9	180.5	205.7
45°	0.0	11.1	27.7	48.0	70.4	93.6	118.1	143.9	171.6	199.9	226.9
42.5°	0.0	11.6	29.4	51.3	74.9	99.9	127.4	155.9	186.3	219.7	251.1
40°	0.0	12.0	31.1	54.5	79.5	106.0	136.7	168.7	202.0	239.9	276.6
37.5°	0.0	12.5	32.8	57.4	84.1	111.9	145.8	181.2	219.8	261.1	302.9
35°	0.0	12.9	34.3	60.1	88.6	118.6	154.7	193.6	237.5	284.5	331.4
32.5°	0.0	13.2	35.8	62.6	93.0	125.7	163.9	205.8	255.1	308.3	362.7
30°	0.0	13.6	37.1	65.0	97.1	132.5	173.7	218.4	272.6	332.3	394.7
27.5°	0.0	13.9	38.4	67.1	100.5	139.0	183.2	232.6	290.8	356.3	427.3
25°	0.0	14.2	39.6	69.1	103.6	145.3	192.3	246.3	310.5	382.5	460.5
22.5°	0.0	14.5	40.7	70.9	106.6	150.9	201.0	259.6	329.8	409.6	496.7
20°	0.0	14.8	41.7	72.4	109.2	155.2	209.3	272.4	348.6	436.3	532.6
17.5°	0.0	15.0	42.6	73.8	111.7	159.0	215.5	284.5	366.8	462.4	567.9
15°	0.0	15.2	43.4	75.0	113.8	162.2	220.2	294.1	384.1	487.7	602.3
12.5°	0.0	15.3	44.1	75.9	115.7	164.9	224.2	300.3	396.6	511.9	635.5
10°	0.0	15.5	44.7	76.7	117.3	167.1	227.5	305.4	404.6	523.3	661.4
7.5°	0.0	15.6	45.2	77.3	118.6	168.8	230.1	309.5	411.0	530.9	673.1
5°	0.0	15.6	45.5	77.7	119.6	170.0	232.0	312.5	415.9	536.1	682.2
2.5°	0.0	15.7	45.8	77.9	120.3	170.6	233.2	314.4	419.2	539.0	688.5
0°	0.0	15.7	45.9	77.9	120.7	170.8	233.6	315.1	420.8	539.7	691.8
-2.5°	0.0	15.7	45.8	77.9	120.3	170.6	233.2	314.4	419.2	539.0	688.5
-5°	0.0	15.6	45.5	77.7	119.6	170.0	232.0	312.5	415.9	536.1	682.2
-7.5°	0.0	15.6	45.2	77.3	118.6	168.8	230.1	309.5	411.0	530.9	673.1
-10°	0.0	15.5	44.7	76.7	117.3	167.1	227.5	305.4	404.6	523.3	661.4
-12.5°	0.0	15.3	44.1	75.9	115.7	164.9	224.2	300.3	396.6	511.9	635.5
-15°	0.0	15.2	43.4	75.0	113.8	162.2	220.2	294.1	384.1	487.7	602.3
-17.5°	0.0	15.0	42.6	73.8	111.7	159.0	215.5	284.5	366.8	462.4	567.9
-20°	0.0	14.8	41.7	72.4	109.2	155.2	209.3	272.4	348.6	436.3	532.6



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.5	40.7	70.9	106.6	150.9	201.0	259.6	329.8	409.6	496.7
-25°	0.0	14.2	39.6	69.1	103.6	145.3	192.3	246.3	310.5	382.5	460.5
-27.5°	0.0	13.9	38.4	67.1	100.5	139.0	183.2	232.6	290.8	356.3	427.3
-30°	0.0	13.6	37.1	65.0	97.1	132.5	173.7	218.4	272.6	332.3	394.7
-32.5°	0.0	13.2	35.8	62.6	93.0	125.7	163.9	205.8	255.1	308.3	362.7
-35°	0.0	12.9	34.3	60.1	88.6	118.6	154.7	193.6	237.5	284.5	331.4
-37.5°	0.0	12.5	32.8	57.4	84.1	111.9	145.8	181.2	219.8	261.1	302.9
-40°	0.0	12.0	31.1	54.5	79.5	106.0	136.7	168.7	202.0	239.9	276.6
-42.5°	0.0	11.6	29.4	51.3	74.9	99.9	127.4	155.9	186.3	219.7	251.1
-45°	0.0	11.1	27.7	48.0	70.4	93.6	118.1	143.9	171.6	199.9	226.9
-47.5°	0.0	10.6	25.8	44.6	65.8	87.2	108.7	133.0	156.9	180.5	205.7
-50°	0.0	10.1	23.9	41.5	61.1	80.6	100.6	122.2	142.5	164.7	185.2
-52.5°	0.0	9.6	21.9	38.5	56.3	73.8	92.6	111.4	129.9	149.1	165.7
-55°	0.0	9.0	19.9	35.4	51.4	67.7	84.5	100.8	117.9	133.7	149.3
-57.5°	0.0	8.4	17.8	32.3	46.4	61.6	76.3	91.3	106.0	120.1	133.4
-60°	0.0	7.8	15.7	29.1	41.4	55.4	68.1	81.8	94.3	107.0	118.2
-62.5°	0.0	7.2	14.5	25.8	37.2	49.2	60.8	72.3	83.9	94.0	104.2
-65°	0.0	6.6	13.3	22.5	32.9	42.9	53.6	63.2	73.5	82.5	90.4
-67.5°	0.0	6.0	12.0	19.1	28.5	37.1	46.3	55.1	63.2	71.5	78.2
-70°	0.0	5.4	10.7	15.7	24.1	31.7	38.9	46.9	54.2	60.6	66.8
-72.5°	0.0	4.7	9.4	13.5	19.6	26.3	32.5	38.8	45.3	51.0	55.8
-75°	0.0	4.1	8.1	11.6	15.1	20.9	26.2	31.4	36.4	41.5	45.8
-77.5°	0.0	3.4	6.8	9.7	12.3	15.4	19.9	24.3	28.4	32.2	35.8
-80°	0.0	2.7	5.4	7.8	9.8	11.6	13.5	17.2	20.6	23.7	26.4
-82.5°	0.0	2.0	4.1	5.8	7.4	8.7	9.9	11.2	12.7	15.1	17.3
-85°	0.0	1.4	2.7	3.9	4.9	5.8	6.6	7.5	8.3	9.0	9.7
-87.5°	0.0	0.7	1.4	2.0	2.5	2.9	3.3	3.7	4.1	4.5	4.9
-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°	5.2	5.6	5.9	6.3	6.5	6.8	7.1	7.3	7.6	7.9	8.2
85°	10.5	11.2	12.4	13.4	14.3	15.1	15.8	16.3	16.9	17.4	17.7
82.5°	19.2	20.9	22.1	23.1	24.2	25.2	26.0	26.7	27.5	28.1	28.7
80°	28.7	30.6	32.4	34.1	35.7	36.9	37.6	37.9	38.9	40.1	41.4
77.5°	38.9	41.7	44.2	46.3	48.0	49.5	50.6	51.2	52.8	54.5	56.0
75°	49.5	52.9	56.3	59.2	61.6	63.3	64.6	65.7	67.5	69.8	71.8
72.5°	60.5	65.1	69.1	72.5	75.7	78.1	79.9	81.1	82.9	85.6	87.8
70°	72.2	77.4	82.8	87.3	90.6	93.5	95.8	97.4	99.1	101.8	103.9
67.5°	84.2	91.6	97.7	102.4	106.1	109.6	112.2	114.0	114.7	117.5	119.8
65°	98.4	106.3	113.0	118.3	122.0	126.3	129.3	130.8	131.3	134.3	137.1
62.5°	112.8	121.6	128.9	135.0	139.9	144.0	147.3	149.2	149.5	151.7	155.0
60°	128.2	137.2	145.9	153.3	158.5	162.7	166.3	168.3	168.6	169.5	173.3
57.5°	144.3	154.0	164.2	172.4	178.5	182.0	185.9	188.1	189.0	188.4	192.3
55°	161.7	171.8	183.4	192.9	199.4	202.6	206.3	209.4	210.5	209.8	212.0
52.5°	181.5	191.6	203.9	214.4	221.6	225.4	228.0	231.8	233.5	232.7	232.3
50°	202.3	215.0	225.2	237.2	245.9	250.9	251.0	255.7	257.9	257.2	254.1
47.5°	225.9	240.2	247.8	261.6	273.0	278.9	279.3	281.1	283.9	284.6	282.0
45°	251.3	268.8	277.0	289.3	302.1	309.2	311.4	308.0	313.0	314.6	312.9
42.5°	278.1	300.4	313.4	318.4	333.2	343.2	347.0	344.7	344.4	347.9	347.9
40°	309.1	334.6	354.2	359.4	366.9	380.6	388.8	388.4	379.2	385.8	387.5
37.5°	342.1	375.4	399.6	410.4	404.7	423.0	435.0	439.8	434.2	427.8	435.0
35°	377.0	418.9	451.6	469.9	470.7	470.4	489.1	499.1	499.8	488.0	490.7
32.5°	415.9	465.2	508.4	538.1	551.6	543.3	548.1	569.2	579.6	575.1	558.2
30°	457.7	518.2	571.2	613.2	643.3	652.2	632.1	648.5	671.4	680.5	673.2
27.5°	500.1	574.5	641.7	699.8	746.6	776.1	776.8	751.4	777.4	799.4	807.9
25°	543.0	630.8	716.5	795.2	865.9	916.8	940.2	942.9	906.6	939.6	970.3
22.5°	588.9	688.7	790.4	896.8	995.3	1070.0	1126.8	1161.0	1159.9	1125.2	1152.2
20°	637.3	751.8	870.2	996.4	1130.7	1233.4	1328.5	1401.3	1445.1	1459.6	1431.3
17.5°	685.7	815.4	953.9	1104.2	1259.7	1402.0	1544.6	1660.8	1752.7	1828.2	1855.2
15°	733.5	878.8	1038.0	1212.8	1392.4	1570.6	1753.9	1931.8	2088.3	2226.5	2308.4
12.5°	780.2	941.4	1121.4	1320.9	1527.1	1741.6	1960.3	2176.9	2402.4	2626.3	2796.4
10°	825.2	1002.4	1203.1	1427.1	1661.6	1912.4	2166.3	2423.4	2697.3	2961.3	3215.5
7.5°	844.5	1042.2	1273.4	1530.0	1793.8	2080.6	2369.1	2667.6	2987.7	3295.7	3606.1
5°	856.3	1058.0	1293.2	1560.5	1854.0	2190.4	2534.6	2904.4	3269.6	3624.3	3990.0
2.5°	864.2	1068.9	1306.4	1572.5	1862.9	2208.5	2557.0	2940.9	3350.7	3760.8	4196.2
0°	868.1	1074.6	1313.0	1576.2	1861.8	2214.3	2565.7	2961.7	3377.0	3794.1	4239.7
-2.5°	864.2	1068.9	1306.4	1572.5	1862.9	2208.5	2557.0	2940.9	3350.7	3760.8	4196.2
-5°	856.3	1058.0	1293.2	1560.5	1854.0	2190.4	2534.6	2904.4	3269.6	3624.3	3990.0
-7.5°	844.5	1042.2	1273.4	1530.0	1793.8	2080.6	2369.1	2667.6	2987.7	3295.7	3606.1
-10°	825.2	1002.4	1203.1	1427.1	1661.6	1912.4	2166.3	2423.4	2697.3	2961.3	3215.5
-12.5°	780.2	941.4	1121.4	1320.9	1527.1	1741.6	1960.3	2176.9	2402.4	2626.3	2796.4
-15°	733.5	878.8	1038.0	1212.8	1392.4	1570.6	1753.9	1931.8	2088.3	2226.5	2308.4
-17.5°	685.7	815.4	953.9	1104.2	1259.7	1402.0	1544.6	1660.8	1752.7	1828.2	1855.2
-20°	637.3	751.8	870.2	996.4	1130.7	1233.4	1328.5	1401.3	1445.1	1459.6	1431.3



REPORT NUMBER: P558622 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	588.9	688.7	790.4	896.8	995.3	1070.0	1126.8	1161.0	1159.9	1125.2	1152.2
-25°	543.0	630.8	716.5	795.2	865.9	916.8	940.2	942.9	906.6	939.6	970.3
-27.5°	500.1	574.5	641.7	699.8	746.6	776.1	776.8	751.4	777.4	799.4	807.9
-30°	457.7	518.2	571.2	613.2	643.3	652.2	632.1	648.5	671.4	680.5	673.2
-32.5°	415.9	465.2	508.4	538.1	551.6	543.3	548.1	569.2	579.6	575.1	558.2
-35°	377.0	418.9	451.6	469.9	470.7	470.4	489.1	499.1	499.8	488.0	490.7
-37.5°	342.1	375.4	399.6	410.4	404.7	423.0	435.0	439.8	434.2	427.8	435.0
-40°	309.1	334.6	354.2	359.4	366.9	380.6	388.8	388.4	379.2	385.8	387.5
-42.5°	278.1	300.4	313.4	318.4	333.2	343.2	347.0	344.7	344.4	347.9	347.9
-45°	251.3	268.8	277.0	289.3	302.1	309.2	311.4	308.0	313.0	314.6	312.9
-47.5°	225.9	240.2	247.8	261.6	273.0	278.9	279.3	281.1	283.9	284.6	282.0
-50°	202.3	215.0	225.2	237.2	245.9	250.9	251.0	255.7	257.9	257.2	254.1
-52.5°	181.5	191.6	203.9	214.4	221.6	225.4	228.0	231.8	233.5	232.7	232.3
-55°	161.7	171.8	183.4	192.9	199.4	202.6	206.3	209.4	210.5	209.8	212.0
-57.5°	144.3	154.0	164.2	172.4	178.5	182.0	185.9	188.1	189.0	188.4	192.3
-60°	128.2	137.2	145.9	153.3	158.5	162.7	166.3	168.3	168.6	169.5	173.3
-62.5°	112.8	121.6	128.9	135.0	139.9	144.0	147.3	149.2	149.5	151.7	155.0
-65°	98.4	106.3	113.0	118.3	122.0	126.3	129.3	130.8	131.3	134.3	137.1
-67.5°	84.2	91.6	97.7	102.4	106.1	109.6	112.2	114.0	114.7	117.5	119.8
-70°	72.2	77.4	82.8	87.3	90.6	93.5	95.8	97.4	99.1	101.8	103.9
-72.5°	60.5	65.1	69.1	72.5	75.7	78.1	79.9	81.1	82.9	85.6	87.8
-75°	49.5	52.9	56.3	59.2	61.6	63.3	64.6	65.7	67.5	69.8	71.8
-77.5°	38.9	41.7	44.2	46.3	48.0	49.5	50.6	51.2	52.8	54.5	56.0
-80°	28.7	30.6	32.4	34.1	35.7	36.9	37.6	37.9	38.9	40.1	41.4
-82.5°	19.2	20.9	22.1	23.1	24.2	25.2	26.0	26.7	27.5	28.1	28.7
-85°	10.5	11.2	12.4	13.4	14.3	15.1	15.8	16.3	16.9	17.4	17.7
-87.5°	5.2	5.6	5.9	6.3	6.5	6.8	7.1	7.3	7.6	7.9	8.2
-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: P558622 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
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°	8.4	8.3	8.1	7.9	7.7	7.7	7.7	7.6	7.5	7.5	7.4
85°	18.0	18.3	18.6	18.9	19.2	19.5	19.8	20.0	20.2	20.2	20.1
82.5°	29.2	30.2	31.2	32.1	33.0	33.4	33.8	34.0	34.1	34.4	34.6
80°	42.4	43.9	45.2	46.3	47.2	47.9	48.4	48.9	49.2	49.5	49.8
77.5°	57.4	59.0	60.6	61.9	63.1	64.1	65.1	65.8	66.3	67.2	68.0
75°	73.4	75.2	77.1	78.8	80.3	81.9	83.5	84.9	86.2	87.3	88.1
72.5°	89.5	91.4	93.8	95.9	98.0	100.1	102.2	104.1	105.6	107.1	108.5
70°	105.4	107.2	110.2	113.1	115.8	118.4	120.9	123.2	125.2	127.1	128.9
67.5°	121.8	123.7	127.4	130.8	133.8	136.6	139.6	142.2	144.5	146.5	148.3
65°	139.4	141.0	145.0	148.7	151.9	154.5	157.7	160.6	163.1	165.4	167.3
62.5°	157.4	159.1	162.5	166.1	169.1	171.6	175.4	178.7	181.4	183.7	185.6
60°	175.9	177.4	179.9	183.9	187.3	190.1	193.4	196.5	199.2	201.4	203.5
57.5°	195.0	196.4	197.7	201.7	204.9	207.5	210.4	213.5	216.0	218.2	220.3
55°	214.7	215.8	215.4	219.1	222.2	224.3	226.4	229.7	232.3	234.2	236.1
52.5°	234.9	236.2	235.3	236.8	240.2	242.1	243.0	246.5	249.2	250.9	252.6
50°	257.4	258.4	257.6	256.7	260.0	261.9	262.4	265.3	267.7	269.0	270.2
47.5°	281.8	283.1	282.4	278.9	281.7	284.2	284.2	285.4	287.9	288.9	289.7
45°	308.3	310.8	310.2	307.7	307.4	309.8	309.6	308.6	311.5	312.8	313.2
42.5°	343.1	342.2	343.0	341.6	337.2	340.0	340.4	336.8	340.4	341.9	341.0
40°	385.6	377.8	382.1	381.5	377.4	376.8	379.0	376.0	376.6	378.8	377.1
37.5°	436.2	430.7	428.3	430.3	429.1	423.8	428.0	426.9	423.6	427.4	425.7
35°	498.5	496.9	484.4	492.0	493.6	488.6	490.0	492.2	485.0	490.6	490.0
32.5°	571.4	575.1	572.4	567.7	574.8	575.7	567.5	577.4	573.4	574.8	578.7
30°	653.9	672.9	682.1	673.9	678.3	687.1	683.1	690.0	693.2	688.1	697.8
27.5°	798.2	791.4	813.5	823.1	812.8	828.9	840.6	835.4	852.5	842.4	856.8
25°	981.4	971.5	977.4	1009.2	1016.2	1008.1	1041.0	1044.8	1058.4	1060.0	1070.1
22.5°	1196.7	1220.5	1217.7	1227.4	1267.3	1280.7	1292.8	1324.5	1317.3	1345.9	1350.9
20°	1437.4	1497.3	1538.6	1547.3	1564.3	1610.2	1631.2	1656.2	1672.9	1700.1	1723.0
17.5°	1844.6	1813.9	1894.9	1945.7	1972.4	1982.0	2037.3	2055.3	2096.8	2120.5	2144.0
15°	2367.5	2385.4	2348.9	2397.3	2479.2	2506.9	2475.1	2549.3	2570.1	2610.1	2617.1
12.5°	2926.3	3016.8	3061.2	3073.2	3030.4	3146.9	3193.6	3135.0	3201.4	3189.5	3244.1
10°	3459.6	3679.4	3811.0	3903.5	3959.8	3993.7	4027.4	4087.9	4088.9	4133.8	4107.6
7.5°	3897.4	4176.1	4442.3	4700.6	4907.2	5023.0	5114.0	5201.2	5317.5	5373.3	5409.5
5°	4325.7	4647.3	4965.8	5278.9	5562.4	5835.2	6102.5	6334.3	6457.2	6600.8	6728.9
2.5°	4602.8	5009.5	5416.3	5819.3	6146.8	6447.4	6725.7	6984.1	7210.8	7420.5	7597.6
0°	4656.8	5112.0	5536.4	5938.4	6307.3	6678.5	7002.7	7294.9	7541.8	7764.6	7914.9
-2.5°	4602.8	5009.5	5416.3	5819.3	6146.8	6447.4	6725.7	6984.1	7210.8	7420.5	7597.6
-5°	4325.7	4647.3	4965.8	5278.9	5562.4	5835.2	6102.5	6334.3	6457.2	6600.8	6728.9
-7.5°	3897.4	4176.1	4442.3	4700.6	4907.2	5023.0	5114.0	5201.2	5317.5	5373.3	5409.5
-10°	3459.6	3679.4	3811.0	3903.5	3959.8	3993.7	4027.4	4087.9	4088.9	4133.8	4107.6
-12.5°	2926.3	3016.8	3061.2	3073.2	3030.4	3146.9	3193.6	3135.0	3201.4	3189.5	3244.1
-15°	2367.5	2385.4	2348.9	2397.3	2479.2	2506.9	2475.1	2549.3	2570.1	2610.1	2617.1
-17.5°	1844.6	1813.9	1894.9	1945.7	1972.4	1982.0	2037.3	2055.3	2096.8	2120.5	2144.0
-20°	1437.4	1497.3	1538.6	1547.3	1564.3	1610.2	1631.2	1656.2	1672.9	1700.1	1723.0



REPORT NUMBER: P558622 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1196.7	1220.5	1217.7	1227.4	1267.3	1280.7	1292.8	1324.5	1317.3	1345.9	1350.9
-25°	981.4	971.5	977.4	1009.2	1016.2	1008.1	1041.0	1044.8	1058.4	1060.0	1070.1
-27.5°	798.2	791.4	813.5	823.1	812.8	828.9	840.6	835.4	852.5	842.4	856.8
-30°	653.9	672.9	682.1	673.9	678.3	687.1	683.1	690.0	693.2	688.1	697.8
-32.5°	571.4	575.1	572.4	567.7	574.8	575.7	567.5	577.4	573.4	574.8	578.7
-35°	498.5	496.9	484.4	492.0	493.6	488.6	490.0	492.2	485.0	490.6	490.0
-37.5°	436.2	430.7	428.3	430.3	429.1	423.8	428.0	426.9	423.6	427.4	425.7
-40°	385.6	377.8	382.1	381.5	377.4	376.8	379.0	376.0	376.6	378.8	377.1
-42.5°	343.1	342.2	343.0	341.6	337.2	340.0	340.4	336.8	340.4	341.9	341.0
-45°	308.3	310.8	310.2	307.7	307.4	309.8	309.6	308.6	311.5	312.8	313.2
-47.5°	281.8	283.1	282.4	278.9	281.7	284.2	284.2	285.4	287.9	288.9	289.7
-50°	257.4	258.4	257.6	256.7	260.0	261.9	262.4	265.3	267.7	269.0	270.2
-52.5°	234.9	236.2	235.3	236.8	240.2	242.1	243.0	246.5	249.2	250.9	252.6
-55°	214.7	215.8	215.4	219.1	222.2	224.3	226.4	229.7	232.3	234.2	236.1
-57.5°	195.0	196.4	197.7	201.7	204.9	207.5	210.4	213.5	216.0	218.2	220.3
-60°	175.9	177.4	179.9	183.9	187.3	190.1	193.4	196.5	199.2	201.4	203.5
-62.5°	157.4	159.1	162.5	166.1	169.1	171.6	175.4	178.7	181.4	183.7	185.6
-65°	139.4	141.0	145.0	148.7	151.9	154.5	157.7	160.6	163.1	165.4	167.3
-67.5°	121.8	123.7	127.4	130.8	133.8	136.6	139.6	142.2	144.5	146.5	148.3
-70°	105.4	107.2	110.2	113.1	115.8	118.4	120.9	123.2	125.2	127.1	128.9
-72.5°	89.5	91.4	93.8	95.9	98.0	100.1	102.2	104.1	105.6	107.1	108.5
-75°	73.4	75.2	77.1	78.8	80.3	81.9	83.5	84.9	86.2	87.3	88.1
-77.5°	57.4	59.0	60.6	61.9	63.1	64.1	65.1	65.8	66.3	67.2	68.0
-80°	42.4	43.9	45.2	46.3	47.2	47.9	48.4	48.9	49.2	49.5	49.8
-82.5°	29.2	30.2	31.2	32.1	33.0	33.4	33.8	34.0	34.1	34.4	34.6
-85°	18.0	18.3	18.6	18.9	19.2	19.5	19.8	20.0	20.2	20.2	20.1
-87.5°	8.4	8.3	8.1	7.9	7.7	7.7	7.7	7.6	7.5	7.5	7.4
-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: P558622 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-927-U-NAT-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°	7.3	7.2	7.5	7.8	7.5	7.2	7.3	7.4	7.5	7.5	7.6
85°	20.0	19.8	20.2	20.5	20.2	19.8	20.0	20.1	20.2	20.2	20.0
82.5°	34.8	34.8	35.0	35.0	35.0	34.8	34.8	34.6	34.4	34.1	34.0
80°	49.9	49.9	49.7	49.5	49.7	49.9	49.9	49.8	49.5	49.2	48.9
77.5°	68.6	69.0	69.3	69.4	69.3	69.0	68.6	68.0	67.2	66.3	65.8
75°	88.6	88.9	88.9	88.7	88.9	88.9	88.6	88.1	87.3	86.2	84.9
72.5°	109.6	110.5	110.7	110.5	110.7	110.5	109.6	108.5	107.1	105.6	104.1
70°	130.4	131.5	131.5	131.0	131.5	131.5	130.4	128.9	127.1	125.2	123.2
67.5°	149.7	150.8	151.6	152.1	151.6	150.8	149.7	148.3	146.5	144.5	142.2
65°	168.8	170.0	170.6	170.8	170.6	170.0	168.8	167.3	165.4	163.1	160.6
62.5°	187.1	188.2	188.8	189.0	188.8	188.2	187.1	185.6	183.7	181.4	178.7
60°	205.1	206.2	206.4	205.9	206.4	206.2	205.1	203.5	201.4	199.2	196.5
57.5°	221.9	223.1	223.0	222.2	223.0	223.1	221.9	220.3	218.2	216.0	213.5
55°	237.5	238.3	238.6	238.5	238.6	238.3	237.5	236.1	234.2	232.3	229.7
52.5°	253.9	254.6	254.9	254.8	254.9	254.6	253.9	252.6	250.9	249.2	246.5
50°	271.1	271.2	271.2	271.1	271.2	271.2	271.1	270.2	269.0	267.7	265.3
47.5°	290.7	291.0	291.0	291.0	291.0	291.0	290.7	289.7	288.9	287.9	285.4
45°	314.0	313.3	312.7	312.7	312.7	313.3	314.0	313.2	312.8	311.5	308.6
42.5°	341.9	341.2	340.3	340.5	340.3	341.2	341.9	341.0	341.9	340.4	336.8
40°	378.6	378.4	377.1	376.7	377.1	378.4	378.6	377.1	378.8	376.6	376.0
37.5°	426.0	425.3	422.6	421.4	422.6	425.3	426.0	425.7	427.4	423.6	426.9
35°	488.4	487.5	483.3	483.5	483.3	487.5	488.4	490.0	490.6	485.0	492.2
32.5°	576.8	577.1	570.7	569.3	570.7	577.1	576.8	578.7	574.8	573.4	577.4
30°	691.8	694.3	686.8	690.0	686.8	694.3	691.8	697.8	688.1	693.2	690.0
27.5°	856.6	861.4	854.7	849.4	854.7	861.4	856.6	856.8	842.4	852.5	835.4
25°	1083.4	1086.9	1079.4	1072.7	1079.4	1086.9	1083.4	1070.1	1060.0	1058.4	1044.8
22.5°	1378.6	1378.4	1378.0	1388.5	1378.0	1378.4	1378.6	1350.9	1345.9	1317.3	1324.5
20°	1737.9	1729.2	1742.3	1750.7	1742.3	1729.2	1737.9	1723.0	1700.1	1672.9	1656.2
17.5°	2149.5	2165.8	2178.3	2199.2	2178.3	2165.8	2149.5	2144.0	2120.5	2096.8	2055.3
15°	2634.9	2659.5	2672.0	2665.3	2672.0	2659.5	2634.9	2617.1	2610.1	2570.1	2549.3
12.5°	3246.0	3275.4	3253.7	3226.7	3253.7	3275.4	3246.0	3244.1	3189.5	3201.4	3135.0
10°	4108.1	4171.3	4174.8	4121.9	4174.8	4171.3	4108.1	4107.6	4133.8	4088.9	4087.9
7.5°	5430.5	5461.3	5508.0	5510.4	5508.0	5461.3	5430.5	5409.5	5373.3	5317.5	5201.2
5°	6786.9	6868.9	6921.7	7013.0	6921.7	6868.9	6786.9	6728.9	6600.8	6457.2	6334.3
2.5°	7711.9	7817.8	7858.5	7962.0	7858.5	7817.8	7711.9	7597.6	7420.5	7210.8	6984.1
0°	8048.9	8134.6	8185.9	8227.0	8185.9	8134.6	8048.9	7914.9	7764.6	7541.8	7294.9
-2.5°	7711.9	7817.8	7858.5	7962.0	7858.5	7817.8	7711.9	7597.6	7420.5	7210.8	6984.1
-5°	6786.9	6868.9	6921.7	7013.0	6921.7	6868.9	6786.9	6728.9	6600.8	6457.2	6334.3
-7.5°	5430.5	5461.3	5508.0	5510.4	5508.0	5461.3	5430.5	5409.5	5373.3	5317.5	5201.2
-10°	4108.1	4171.3	4174.8	4121.9	4174.8	4171.3	4108.1	4107.6	4133.8	4088.9	4087.9
-12.5°	3246.0	3275.4	3253.7	3226.7	3253.7	3275.4	3246.0	3244.1	3189.5	3201.4	3135.0
-15°	2634.9	2659.5	2672.0	2665.3	2672.0	2659.5	2634.9	2617.1	2610.1	2570.1	2549.3
-17.5°	2149.5	2165.8	2178.3	2199.2	2178.3	2165.8	2149.5	2144.0	2120.5	2096.8	2055.3
-20°	1737.9	1729.2	1742.3	1750.7	1742.3	1729.2	1737.9	1723.0	1700.1	1672.9	1656.2



REPORT NUMBER: P558622 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1378.6	1378.4	1378.0	1388.5	1378.0	1378.4	1378.6	1350.9	1345.9	1317.3	1324.5
-25°	1083.4	1086.9	1079.4	1072.7	1079.4	1086.9	1083.4	1070.1	1060.0	1058.4	1044.8
-27.5°	856.6	861.4	854.7	849.4	854.7	861.4	856.6	856.8	842.4	852.5	835.4
-30°	691.8	694.3	686.8	690.0	686.8	694.3	691.8	697.8	688.1	693.2	690.0
-32.5°	576.8	577.1	570.7	569.3	570.7	577.1	576.8	578.7	574.8	573.4	577.4
-35°	488.4	487.5	483.3	483.5	483.3	487.5	488.4	490.0	490.6	485.0	492.2
-37.5°	426.0	425.3	422.6	421.4	422.6	425.3	426.0	425.7	427.4	423.6	426.9
-40°	378.6	378.4	377.1	376.7	377.1	378.4	378.6	377.1	378.8	376.6	376.0
-42.5°	341.9	341.2	340.3	340.5	340.3	341.2	341.9	341.0	341.9	340.4	336.8
-45°	314.0	313.3	312.7	312.7	312.7	313.3	314.0	313.2	312.8	311.5	308.6
-47.5°	290.7	291.0	291.0	291.0	291.0	291.0	290.7	289.7	288.9	287.9	285.4
-50°	271.1	271.2	271.2	271.1	271.2	271.2	271.1	270.2	269.0	267.7	265.3
-52.5°	253.9	254.6	254.9	254.8	254.9	254.6	253.9	252.6	250.9	249.2	246.5
-55°	237.5	238.3	238.6	238.5	238.6	238.3	237.5	236.1	234.2	232.3	229.7
-57.5°	221.9	223.1	223.0	222.2	223.0	223.1	221.9	220.3	218.2	216.0	213.5
-60°	205.1	206.2	206.4	205.9	206.4	206.2	205.1	203.5	201.4	199.2	196.5
-62.5°	187.1	188.2	188.8	189.0	188.8	188.2	187.1	185.6	183.7	181.4	178.7
-65°	168.8	170.0	170.6	170.8	170.6	170.0	168.8	167.3	165.4	163.1	160.6
-67.5°	149.7	150.8	151.6	152.1	151.6	150.8	149.7	148.3	146.5	144.5	142.2
-70°	130.4	131.5	131.5	131.0	131.5	131.5	130.4	128.9	127.1	125.2	123.2
-72.5°	109.6	110.5	110.7	110.5	110.7	110.5	109.6	108.5	107.1	105.6	104.1
-75°	88.6	88.9	88.9	88.7	88.9	88.9	88.6	88.1	87.3	86.2	84.9
-77.5°	68.6	69.0	69.3	69.4	69.3	69.0	68.6	68.0	67.2	66.3	65.8
-80°	49.9	49.9	49.7	49.5	49.7	49.9	49.9	49.8	49.5	49.2	48.9
-82.5°	34.8	34.8	35.0	35.0	35.0	34.8	34.8	34.6	34.4	34.1	34.0
-85°	20.0	19.8	20.2	20.5	20.2	19.8	20.0	20.1	20.2	20.2	20.0
-87.5°	7.3	7.2	7.5	7.8	7.5	7.2	7.3	7.4	7.5	7.5	7.6
-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: P558622 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.7	7.7	7.7	7.9	8.1	8.3	8.4	8.2	7.9	7.6	7.3
85°	19.8	19.5	19.2	18.9	18.6	18.3	18.0	17.7	17.4	16.9	16.3
82.5°	33.8	33.4	33.0	32.1	31.2	30.2	29.2	28.7	28.1	27.5	26.7
80°	48.4	47.9	47.2	46.3	45.2	43.9	42.4	41.4	40.1	38.9	37.9
77.5°	65.1	64.1	63.1	61.9	60.6	59.0	57.4	56.0	54.5	52.8	51.2
75°	83.5	81.9	80.3	78.8	77.1	75.2	73.4	71.8	69.8	67.5	65.7
72.5°	102.2	100.1	98.0	95.9	93.8	91.4	89.5	87.8	85.6	82.9	81.1
70°	120.9	118.4	115.8	113.1	110.2	107.2	105.4	103.9	101.8	99.1	97.4
67.5°	139.6	136.6	133.8	130.8	127.4	123.7	121.8	119.8	117.5	114.7	114.0
65°	157.7	154.5	151.9	148.7	145.0	141.0	139.4	137.1	134.3	131.3	130.8
62.5°	175.4	171.6	169.1	166.1	162.5	159.1	157.4	155.0	151.7	149.5	149.2
60°	193.4	190.1	187.3	183.9	179.9	177.4	175.9	173.3	169.5	168.6	168.3
57.5°	210.4	207.5	204.9	201.7	197.7	196.4	195.0	192.3	188.4	189.0	188.1
55°	226.4	224.3	222.2	219.1	215.4	215.8	214.7	212.0	209.8	210.5	209.4
52.5°	243.0	242.1	240.2	236.8	235.3	236.2	234.9	232.3	232.7	233.5	231.8
50°	262.4	261.9	260.0	256.7	257.6	258.4	257.4	254.1	257.2	257.9	255.7
47.5°	284.2	284.2	281.7	278.9	282.4	283.1	281.8	282.0	284.6	283.9	281.1
45°	309.6	309.8	307.4	307.7	310.2	310.8	308.3	312.9	314.6	313.0	308.0
42.5°	340.4	340.0	337.2	341.6	343.0	342.2	343.1	347.9	347.9	344.4	344.7
40°	379.0	376.8	377.4	381.5	382.1	377.8	385.6	387.5	385.8	379.2	388.4
37.5°	428.0	423.8	429.1	430.3	428.3	430.7	436.2	435.0	427.8	434.2	439.8
35°	490.0	488.6	493.6	492.0	484.4	496.9	498.5	490.7	488.0	499.8	499.1
32.5°	567.5	575.7	574.8	567.7	572.4	575.1	571.4	558.2	575.1	579.6	569.2
30°	683.1	687.1	678.3	673.9	682.1	672.9	653.9	673.2	680.5	671.4	648.5
27.5°	840.6	828.9	812.8	823.1	813.5	791.4	798.2	807.9	799.4	777.4	751.4
25°	1041.0	1008.1	1016.2	1009.2	977.4	971.5	981.4	970.3	939.6	906.6	942.9
22.5°	1292.8	1280.7	1267.3	1227.4	1217.7	1220.5	1196.7	1152.2	1125.2	1159.9	1161.0
20°	1631.2	1610.2	1564.3	1547.3	1538.6	1497.3	1437.4	1431.3	1459.6	1445.1	1401.3
17.5°	2037.3	1982.0	1972.4	1945.7	1894.9	1813.9	1844.6	1855.2	1828.2	1752.7	1660.8
15°	2475.1	2506.9	2479.2	2397.3	2348.9	2385.4	2367.5	2308.4	2226.5	2088.3	1931.8
12.5°	3193.6	3146.9	3030.4	3073.2	3061.2	3016.8	2926.3	2796.4	2626.3	2402.4	2176.9
10°	4027.4	3993.7	3959.8	3903.5	3811.0	3679.4	3459.6	3215.5	2961.3	2697.3	2423.4
7.5°	5114.0	5023.0	4907.2	4700.6	4442.3	4176.1	3897.4	3606.1	3295.7	2987.7	2667.6
5°	6102.5	5835.2	5562.4	5278.9	4965.8	4647.3	4325.7	3990.0	3624.3	3269.6	2904.4
2.5°	6725.7	6447.4	6146.8	5819.3	5416.3	5009.5	4602.8	4196.2	3760.8	3350.7	2940.9
0°	7002.7	6678.5	6307.3	5938.4	5536.4	5112.0	4656.8	4239.7	3794.1	3377.0	2961.7
-2.5°	6725.7	6447.4	6146.8	5819.3	5416.3	5009.5	4602.8	4196.2	3760.8	3350.7	2940.9
-5°	6102.5	5835.2	5562.4	5278.9	4965.8	4647.3	4325.7	3990.0	3624.3	3269.6	2904.4
-7.5°	5114.0	5023.0	4907.2	4700.6	4442.3	4176.1	3897.4	3606.1	3295.7	2987.7	2667.6
-10°	4027.4	3993.7	3959.8	3903.5	3811.0	3679.4	3459.6	3215.5	2961.3	2697.3	2423.4
-12.5°	3193.6	3146.9	3030.4	3073.2	3061.2	3016.8	2926.3	2796.4	2626.3	2402.4	2176.9
-15°	2475.1	2506.9	2479.2	2397.3	2348.9	2385.4	2367.5	2308.4	2226.5	2088.3	1931.8
-17.5°	2037.3	1982.0	1972.4	1945.7	1894.9	1813.9	1844.6	1855.2	1828.2	1752.7	1660.8
-20°	1631.2	1610.2	1564.3	1547.3	1538.6	1497.3	1437.4	1431.3	1459.6	1445.1	1401.3



REPORT NUMBER: P558622 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1292.8	1280.7	1267.3	1227.4	1217.7	1220.5	1196.7	1152.2	1125.2	1159.9	1161.0
-25°	1041.0	1008.1	1016.2	1009.2	977.4	971.5	981.4	970.3	939.6	906.6	942.9
-27.5°	840.6	828.9	812.8	823.1	813.5	791.4	798.2	807.9	799.4	777.4	751.4
-30°	683.1	687.1	678.3	673.9	682.1	672.9	653.9	673.2	680.5	671.4	648.5
-32.5°	567.5	575.7	574.8	567.7	572.4	575.1	571.4	558.2	575.1	579.6	569.2
-35°	490.0	488.6	493.6	492.0	484.4	496.9	498.5	490.7	488.0	499.8	499.1
-37.5°	428.0	423.8	429.1	430.3	428.3	430.7	436.2	435.0	427.8	434.2	439.8
-40°	379.0	376.8	377.4	381.5	382.1	377.8	385.6	387.5	385.8	379.2	388.4
-42.5°	340.4	340.0	337.2	341.6	343.0	342.2	343.1	347.9	347.9	344.4	344.7
-45°	309.6	309.8	307.4	307.7	310.2	310.8	308.3	312.9	314.6	313.0	308.0
-47.5°	284.2	284.2	281.7	278.9	282.4	283.1	281.8	282.0	284.6	283.9	281.1
-50°	262.4	261.9	260.0	256.7	257.6	258.4	257.4	254.1	257.2	257.9	255.7
-52.5°	243.0	242.1	240.2	236.8	235.3	236.2	234.9	232.3	232.7	233.5	231.8
-55°	226.4	224.3	222.2	219.1	215.4	215.8	214.7	212.0	209.8	210.5	209.4
-57.5°	210.4	207.5	204.9	201.7	197.7	196.4	195.0	192.3	188.4	189.0	188.1
-60°	193.4	190.1	187.3	183.9	179.9	177.4	175.9	173.3	169.5	168.6	168.3
-62.5°	175.4	171.6	169.1	166.1	162.5	159.1	157.4	155.0	151.7	149.5	149.2
-65°	157.7	154.5	151.9	148.7	145.0	141.0	139.4	137.1	134.3	131.3	130.8
-67.5°	139.6	136.6	133.8	130.8	127.4	123.7	121.8	119.8	117.5	114.7	114.0
-70°	120.9	118.4	115.8	113.1	110.2	107.2	105.4	103.9	101.8	99.1	97.4
-72.5°	102.2	100.1	98.0	95.9	93.8	91.4	89.5	87.8	85.6	82.9	81.1
-75°	83.5	81.9	80.3	78.8	77.1	75.2	73.4	71.8	69.8	67.5	65.7
-77.5°	65.1	64.1	63.1	61.9	60.6	59.0	57.4	56.0	54.5	52.8	51.2
-80°	48.4	47.9	47.2	46.3	45.2	43.9	42.4	41.4	40.1	38.9	37.9
-82.5°	33.8	33.4	33.0	32.1	31.2	30.2	29.2	28.7	28.1	27.5	26.7
-85°	19.8	19.5	19.2	18.9	18.6	18.3	18.0	17.7	17.4	16.9	16.3
-87.5°	7.7	7.7	7.7	7.9	8.1	8.3	8.4	8.2	7.9	7.6	7.3
-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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 CATALOG NUMBER: GFLD-SA2B-927-U-NAT-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°	7.1	6.8	6.5	6.3	5.9	5.6	5.2	4.9	4.5	4.1	3.7
85°	15.8	15.1	14.3	13.4	12.4	11.2	10.5	9.7	9.0	8.3	7.5
82.5°	26.0	25.2	24.2	23.1	22.1	20.9	19.2	17.3	15.1	12.7	11.2
80°	37.6	36.9	35.7	34.1	32.4	30.6	28.7	26.4	23.7	20.6	17.2
77.5°	50.6	49.5	48.0	46.3	44.2	41.7	38.9	35.8	32.2	28.4	24.3
75°	64.6	63.3	61.6	59.2	56.3	52.9	49.5	45.8	41.5	36.4	31.4
72.5°	79.9	78.1	75.7	72.5	69.1	65.1	60.5	55.8	51.0	45.3	38.8
70°	95.8	93.5	90.6	87.3	82.8	77.4	72.2	66.8	60.6	54.2	46.9
67.5°	112.2	109.6	106.1	102.4	97.7	91.6	84.2	78.2	71.5	63.2	55.1
65°	129.3	126.3	122.0	118.3	113.0	106.3	98.4	90.4	82.5	73.5	63.2
62.5°	147.3	144.0	139.9	135.0	128.9	121.6	112.8	104.2	94.0	83.9	72.3
60°	166.3	162.7	158.5	153.3	145.9	137.2	128.2	118.2	107.0	94.3	81.8
57.5°	185.9	182.0	178.5	172.4	164.2	154.0	144.3	133.4	120.1	106.0	91.3
55°	206.3	202.6	199.4	192.9	183.4	171.8	161.7	149.3	133.7	117.9	100.8
52.5°	228.0	225.4	221.6	214.4	203.9	191.6	181.5	165.7	149.1	129.9	111.4
50°	251.0	250.9	245.9	237.2	225.2	215.0	202.3	185.2	164.7	142.5	122.2
47.5°	279.3	278.9	273.0	261.6	247.8	240.2	225.9	205.7	180.5	156.9	133.0
45°	311.4	309.2	302.1	289.3	277.0	268.8	251.3	226.9	199.9	171.6	143.9
42.5°	347.0	343.2	333.2	318.4	313.4	300.4	278.1	251.1	219.7	186.3	155.9
40°	388.8	380.6	366.9	359.4	354.2	334.6	309.1	276.6	239.9	202.0	168.7
37.5°	435.0	423.0	404.7	410.4	399.6	375.4	342.1	302.9	261.1	219.8	181.2
35°	489.1	470.4	470.7	469.9	451.6	418.9	377.0	331.4	284.5	237.5	193.6
32.5°	548.1	543.3	551.6	538.1	508.4	465.2	415.9	362.7	308.3	255.1	205.8
30°	632.1	652.2	643.3	613.2	571.2	518.2	457.7	394.7	332.3	272.6	218.4
27.5°	776.8	776.1	746.6	699.8	641.7	574.5	500.1	427.3	356.3	290.8	232.6
25°	940.2	916.8	865.9	795.2	716.5	630.8	543.0	460.5	382.5	310.5	246.3
22.5°	1126.8	1070.0	995.3	896.8	790.4	688.7	588.9	496.7	409.6	329.8	259.6
20°	1328.5	1233.4	1130.7	996.4	870.2	751.8	637.3	532.6	436.3	348.6	272.4
17.5°	1544.6	1402.0	1259.7	1104.2	953.9	815.4	685.7	567.9	462.4	366.8	284.5
15°	1753.9	1570.6	1392.4	1212.8	1038.0	878.8	733.5	602.3	487.7	384.1	294.1
12.5°	1960.3	1741.6	1527.1	1320.9	1121.4	941.4	780.2	635.5	511.9	396.6	300.3
10°	2166.3	1912.4	1661.6	1427.1	1203.1	1002.4	825.2	661.4	523.3	404.6	305.4
7.5°	2369.1	2080.6	1793.8	1530.0	1273.4	1042.2	844.5	673.1	530.9	411.0	309.5
5°	2534.6	2190.4	1854.0	1560.5	1293.2	1058.0	856.3	682.2	536.1	415.9	312.5
2.5°	2557.0	2208.5	1862.9	1572.5	1306.4	1068.9	864.2	688.5	539.0	419.2	314.4
0°	2565.7	2214.3	1861.8	1576.2	1313.0	1074.6	868.1	691.8	539.7	420.8	315.1
-2.5°	2557.0	2208.5	1862.9	1572.5	1306.4	1068.9	864.2	688.5	539.0	419.2	314.4
-5°	2534.6	2190.4	1854.0	1560.5	1293.2	1058.0	856.3	682.2	536.1	415.9	312.5
-7.5°	2369.1	2080.6	1793.8	1530.0	1273.4	1042.2	844.5	673.1	530.9	411.0	309.5
-10°	2166.3	1912.4	1661.6	1427.1	1203.1	1002.4	825.2	661.4	523.3	404.6	305.4
-12.5°	1960.3	1741.6	1527.1	1320.9	1121.4	941.4	780.2	635.5	511.9	396.6	300.3
-15°	1753.9	1570.6	1392.4	1212.8	1038.0	878.8	733.5	602.3	487.7	384.1	294.1
-17.5°	1544.6	1402.0	1259.7	1104.2	953.9	815.4	685.7	567.9	462.4	366.8	284.5
-20°	1328.5	1233.4	1130.7	996.4	870.2	751.8	637.3	532.6	436.3	348.6	272.4



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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°	1126.8	1070.0	995.3	896.8	790.4	688.7	588.9	496.7	409.6	329.8	259.6
-25°	940.2	916.8	865.9	795.2	716.5	630.8	543.0	460.5	382.5	310.5	246.3
-27.5°	776.8	776.1	746.6	699.8	641.7	574.5	500.1	427.3	356.3	290.8	232.6
-30°	632.1	652.2	643.3	613.2	571.2	518.2	457.7	394.7	332.3	272.6	218.4
-32.5°	548.1	543.3	551.6	538.1	508.4	465.2	415.9	362.7	308.3	255.1	205.8
-35°	489.1	470.4	470.7	469.9	451.6	418.9	377.0	331.4	284.5	237.5	193.6
-37.5°	435.0	423.0	404.7	410.4	399.6	375.4	342.1	302.9	261.1	219.8	181.2
-40°	388.8	380.6	366.9	359.4	354.2	334.6	309.1	276.6	239.9	202.0	168.7
-42.5°	347.0	343.2	333.2	318.4	313.4	300.4	278.1	251.1	219.7	186.3	155.9
-45°	311.4	309.2	302.1	289.3	277.0	268.8	251.3	226.9	199.9	171.6	143.9
-47.5°	279.3	278.9	273.0	261.6	247.8	240.2	225.9	205.7	180.5	156.9	133.0
-50°	251.0	250.9	245.9	237.2	225.2	215.0	202.3	185.2	164.7	142.5	122.2
-52.5°	228.0	225.4	221.6	214.4	203.9	191.6	181.5	165.7	149.1	129.9	111.4
-55°	206.3	202.6	199.4	192.9	183.4	171.8	161.7	149.3	133.7	117.9	100.8
-57.5°	185.9	182.0	178.5	172.4	164.2	154.0	144.3	133.4	120.1	106.0	91.3
-60°	166.3	162.7	158.5	153.3	145.9	137.2	128.2	118.2	107.0	94.3	81.8
-62.5°	147.3	144.0	139.9	135.0	128.9	121.6	112.8	104.2	94.0	83.9	72.3
-65°	129.3	126.3	122.0	118.3	113.0	106.3	98.4	90.4	82.5	73.5	63.2
-67.5°	112.2	109.6	106.1	102.4	97.7	91.6	84.2	78.2	71.5	63.2	55.1
-70°	95.8	93.5	90.6	87.3	82.8	77.4	72.2	66.8	60.6	54.2	46.9
-72.5°	79.9	78.1	75.7	72.5	69.1	65.1	60.5	55.8	51.0	45.3	38.8
-75°	64.6	63.3	61.6	59.2	56.3	52.9	49.5	45.8	41.5	36.4	31.4
-77.5°	50.6	49.5	48.0	46.3	44.2	41.7	38.9	35.8	32.2	28.4	24.3
-80°	37.6	36.9	35.7	34.1	32.4	30.6	28.7	26.4	23.7	20.6	17.2
-82.5°	26.0	25.2	24.2	23.1	22.1	20.9	19.2	17.3	15.1	12.7	11.2
-85°	15.8	15.1	14.3	13.4	12.4	11.2	10.5	9.7	9.0	8.3	7.5
-87.5°	7.1	6.8	6.5	6.3	5.9	5.6	5.2	4.9	4.5	4.1	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.3	2.9	2.5	2.0	1.4	0.7	0.0
85°	6.6	5.8	4.9	3.9	2.7	1.4	0.0
82.5°	9.9	8.7	7.4	5.8	4.1	2.0	0.0
80°	13.5	11.6	9.8	7.8	5.4	2.7	0.0
77.5°	19.9	15.4	12.3	9.7	6.8	3.4	0.0
75°	26.2	20.9	15.1	11.6	8.1	4.1	0.0
72.5°	32.5	26.3	19.6	13.5	9.4	4.7	0.0
70°	38.9	31.7	24.1	15.7	10.7	5.4	0.0
67.5°	46.3	37.1	28.5	19.1	12.0	6.0	0.0
65°	53.6	42.9	32.9	22.5	13.3	6.6	0.0
62.5°	60.8	49.2	37.2	25.8	14.5	7.2	0.0
60°	68.1	55.4	41.4	29.1	15.7	7.8	0.0
57.5°	76.3	61.6	46.4	32.3	17.8	8.4	0.0
55°	84.5	67.7	51.4	35.4	19.9	9.0	0.0
52.5°	92.6	73.8	56.3	38.5	21.9	9.6	0.0
50°	100.6	80.6	61.1	41.5	23.9	10.1	0.0
47.5°	108.7	87.2	65.8	44.6	25.8	10.6	0.0
45°	118.1	93.6	70.4	48.0	27.7	11.1	0.0
42.5°	127.4	99.9	74.9	51.3	29.4	11.6	0.0
40°	136.7	106.0	79.5	54.5	31.1	12.0	0.0
37.5°	145.8	111.9	84.1	57.4	32.8	12.5	0.0
35°	154.7	118.6	88.6	60.1	34.3	12.9	0.0
32.5°	163.9	125.7	93.0	62.6	35.8	13.2	0.0
30°	173.7	132.5	97.1	65.0	37.1	13.6	0.0
27.5°	183.2	139.0	100.5	67.1	38.4	13.9	0.0
25°	192.3	145.3	103.6	69.1	39.6	14.2	0.0
22.5°	201.0	150.9	106.6	70.9	40.7	14.5	0.0
20°	209.3	155.2	109.2	72.4	41.7	14.8	0.0
17.5°	215.5	159.0	111.7	73.8	42.6	15.0	0.0
15°	220.2	162.2	113.8	75.0	43.4	15.2	0.0
12.5°	224.2	164.9	115.7	75.9	44.1	15.3	0.0
10°	227.5	167.1	117.3	76.7	44.7	15.5	0.0
7.5°	230.1	168.8	118.6	77.3	45.2	15.6	0.0
5°	232.0	170.0	119.6	77.7	45.5	15.6	0.0
2.5°	233.2	170.6	120.3	77.9	45.8	15.7	0.0
0°	233.6	170.8	120.7	77.9	45.9	15.7	0.0
-2.5°	233.2	170.6	120.3	77.9	45.8	15.7	0.0
-5°	232.0	170.0	119.6	77.7	45.5	15.6	0.0
-7.5°	230.1	168.8	118.6	77.3	45.2	15.6	0.0
-10°	227.5	167.1	117.3	76.7	44.7	15.5	0.0
-12.5°	224.2	164.9	115.7	75.9	44.1	15.3	0.0
-15°	220.2	162.2	113.8	75.0	43.4	15.2	0.0
-17.5°	215.5	159.0	111.7	73.8	42.6	15.0	0.0
-20°	209.3	155.2	109.2	72.4	41.7	14.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	201.0	150.9	106.6	70.9	40.7	14.5	0.0
-25°	192.3	145.3	103.6	69.1	39.6	14.2	0.0
-27.5°	183.2	139.0	100.5	67.1	38.4	13.9	0.0
-30°	173.7	132.5	97.1	65.0	37.1	13.6	0.0
-32.5°	163.9	125.7	93.0	62.6	35.8	13.2	0.0
-35°	154.7	118.6	88.6	60.1	34.3	12.9	0.0
-37.5°	145.8	111.9	84.1	57.4	32.8	12.5	0.0
-40°	136.7	106.0	79.5	54.5	31.1	12.0	0.0
-42.5°	127.4	99.9	74.9	51.3	29.4	11.6	0.0
-45°	118.1	93.6	70.4	48.0	27.7	11.1	0.0
-47.5°	108.7	87.2	65.8	44.6	25.8	10.6	0.0
-50°	100.6	80.6	61.1	41.5	23.9	10.1	0.0
-52.5°	92.6	73.8	56.3	38.5	21.9	9.6	0.0
-55°	84.5	67.7	51.4	35.4	19.9	9.0	0.0
-57.5°	76.3	61.6	46.4	32.3	17.8	8.4	0.0
-60°	68.1	55.4	41.4	29.1	15.7	7.8	0.0
-62.5°	60.8	49.2	37.2	25.8	14.5	7.2	0.0
-65°	53.6	42.9	32.9	22.5	13.3	6.6	0.0
-67.5°	46.3	37.1	28.5	19.1	12.0	6.0	0.0
-70°	38.9	31.7	24.1	15.7	10.7	5.4	0.0
-72.5°	32.5	26.3	19.6	13.5	9.4	4.7	0.0
-75°	26.2	20.9	15.1	11.6	8.1	4.1	0.0
-77.5°	19.9	15.4	12.3	9.7	6.8	3.4	0.0
-80°	13.5	11.6	9.8	7.8	5.4	2.7	0.0
-82.5°	9.9	8.7	7.4	5.8	4.1	2.0	0.0
-85°	6.6	5.8	4.9	3.9	2.7	1.4	0.0
-87.5°	3.3	2.9	2.5	2.0	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)