

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: P559235 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-927-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559235 (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-SA6E-927-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE SYMMETRICAL ROUND N6
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

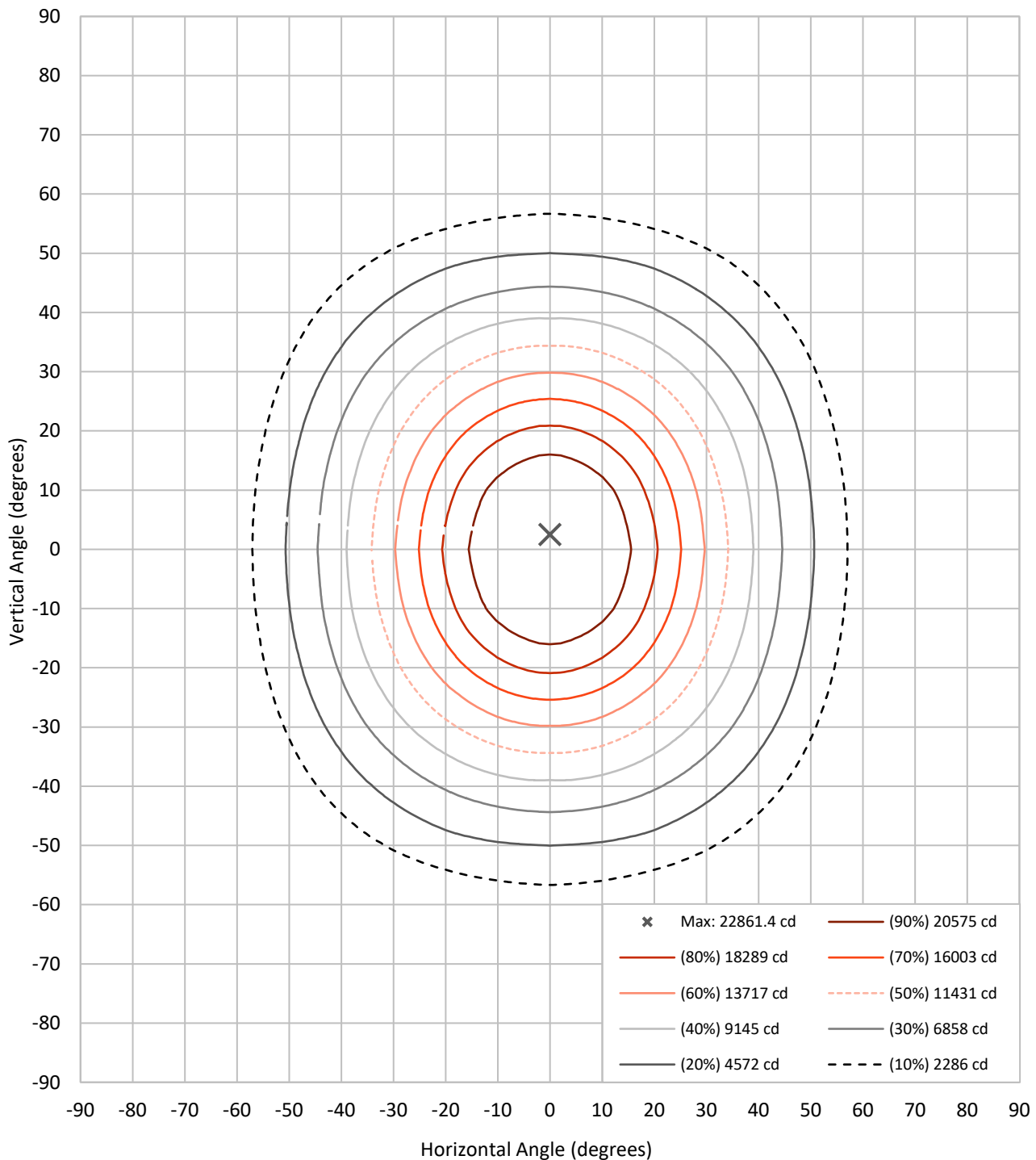
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	30940.9 lumens	Max Intensity:	22861.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	84.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	18551.3 lumens	Field Lumens:	29556.8 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 368
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





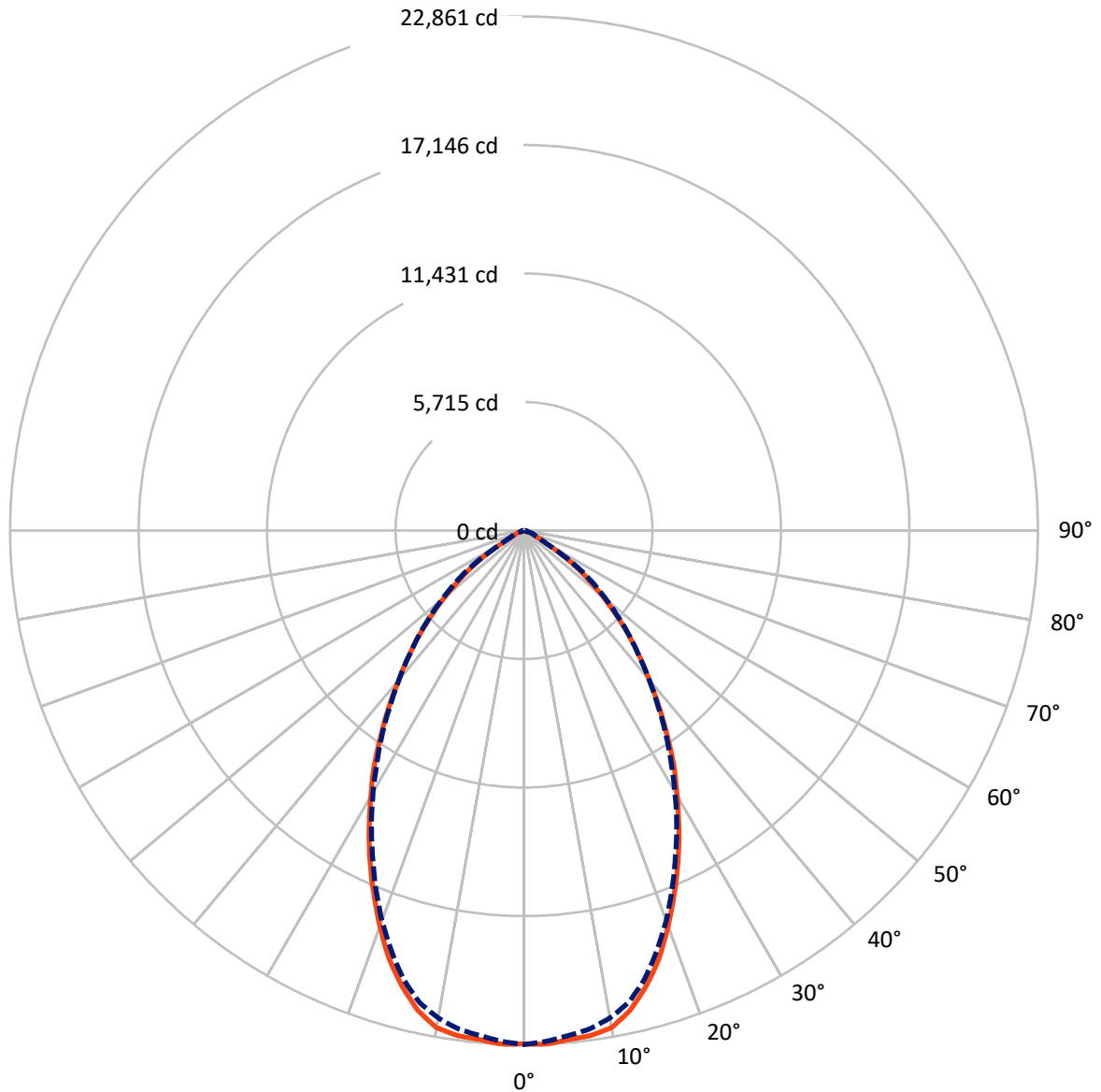
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Lumen Table

90																			
80	0.3	3.0		7.4		12.9		9.1		12.9		7.4		3.0		0.3			
70																			
60	1.4	2.1	4.1	6.6	9.5	12.5	15.4	17.3	17.3	15.4	12.5	9.5	6.6	4.1	2.1	1.4			
50		3.4	6.9	12.5	24.0	46.5	69.7	83.5	83.5	69.7	46.5	24.0	12.5	6.9	3.4				
40	2.4	4.5	10.2	29.6	78.0	129.7	172.5	196.7	196.7	172.5	129.7	78.0	29.6	10.2	4.5	2.4			
30		5.5	17.4	68.3	140.0	218.6	289.7	332.3	332.3	289.7	218.6	140.0	68.3	17.4	5.5				
20	2.6	6.6	31.7	103.3	198.7	310.9	415.6	481.4	481.4	415.6	310.9	198.7	103.3	31.7	6.6	2.6			
10		7.8	45.2	128.6	244.8	388.5	529.1	618.1	618.1	529.1	388.5	244.8	128.6	45.2	7.8				
0	2.8	8.5	52.8	142.1	270.9	434.1	594.3	679.4	679.4	594.3	434.1	270.9	142.1	52.8	8.5	2.8			
-10		8.5	52.8	142.1	270.9	434.1	594.3	679.4	679.4	594.3	434.1	270.9	142.1	52.8	8.5				
-20	2.6	7.8	45.2	128.6	244.8	388.5	529.1	618.1	618.1	529.1	388.5	244.8	128.6	45.2	7.8	2.6			
-30		6.6	31.7	103.3	198.7	310.9	415.6	481.4	481.4	415.6	310.9	198.7	103.3	31.7	6.6				
-40	2.4	5.5	17.4	68.3	140.0	218.6	289.7	332.3	332.3	289.7	218.6	140.0	68.3	17.4	5.5	2.4			
-50		4.5	10.2	29.6	78.0	129.7	172.5	196.7	196.7	172.5	129.7	78.0	29.6	10.2	4.5				
-60	1.4	3.4	6.9	12.5	24.0	46.5	69.7	83.5	83.5	69.7	46.5	24.0	12.5	6.9	3.4	1.4			
-70		2.1	4.1	6.6	9.5	12.5	15.4	17.3	17.3	15.4	12.5	9.5	6.6	4.1	2.1				
-80	0.3	3.0		7.4		12.9		9.1		12.9		7.4		3.0		0.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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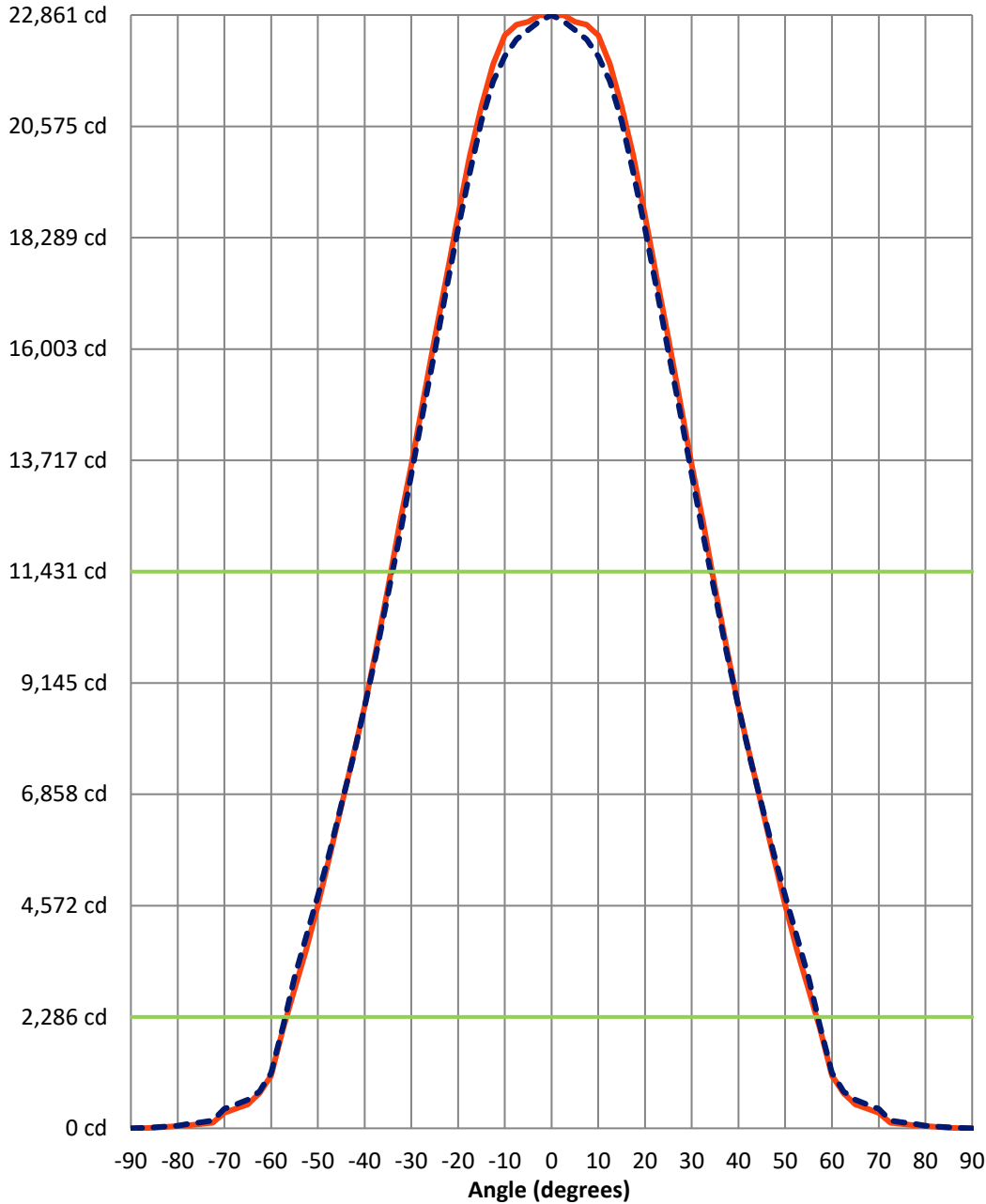
Luminous Intensity Polar Plot



— 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: 18551.3
 Efficiency: 60.0%

Field:
 H Angle: 114°
 V Angle: 113.4°
 Lumens: 29556.8
 Efficiency: 95.5%

Spill:
 Lumens: 1384.1
 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	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.7
85°	0.0	0.8	1.5	2.3	3.1	3.8	4.5	5.3	6.0	6.7	7.4
82.5°	0.0	1.1	2.3	3.4	4.6	5.7	6.8	7.9	9.5	13.0	16.6
80°	0.0	1.5	3.1	4.6	6.1	7.6	9.6	14.2	18.9	23.8	28.8
77.5°	0.0	1.9	3.8	5.7	7.6	10.5	16.2	22.2	28.2	34.5	43.0
75°	0.0	2.3	4.5	6.8	9.4	15.1	22.6	30.1	38.1	50.9	63.6
72.5°	0.0	2.6	5.3	7.9	12.4	19.6	28.8	39.6	54.5	69.3	83.9
70°	0.0	3.0	6.0	9.1	15.4	24.0	35.5	53.8	70.7	87.7	111.7
67.5°	0.0	3.4	6.7	10.9	18.3	28.1	46.3	67.8	86.8	112.1	140.4
65°	0.0	3.7	7.4	12.6	21.0	33.6	56.4	81.5	106.5	135.5	167.6
62.5°	0.0	4.1	8.1	14.2	23.5	40.3	65.8	96.4	125.3	158.6	193.6
60°	0.0	4.4	8.8	15.8	25.9	46.4	74.4	111.2	143.2	183.3	219.8
57.5°	0.0	4.7	9.7	17.2	29.5	51.9	83.1	124.5	165.0	208.1	241.7
55°	0.0	5.0	10.5	18.5	32.8	56.8	90.8	134.9	187.9	231.5	261.5
52.5°	0.0	5.4	11.4	19.7	35.7	61.1	97.5	150.2	210.6	249.8	281.3
50°	0.0	5.7	12.2	20.7	38.2	65.2	103.0	164.5	231.3	267.9	302.1
47.5°	0.0	5.9	12.9	21.8	40.2	68.4	108.2	176.9	247.5	285.9	321.9
45°	0.0	6.2	13.7	22.9	41.9	70.9	116.9	187.4	254.5	302.2	340.2
42.5°	0.0	6.5	14.4	23.9	43.0	72.5	124.2	193.3	259.1	317.3	360.5
40°	0.0	6.7	15.1	24.9	43.8	73.3	130.0	195.5	261.8	330.1	380.5
37.5°	0.0	7.0	15.7	26.1	44.2	73.3	134.4	196.2	264.6	335.6	399.9
35°	0.0	7.2	16.3	27.3	44.0	75.0	137.3	195.1	267.4	347.9	419.2
32.5°	0.0	7.4	16.9	28.4	43.4	77.0	137.9	192.5	270.1	363.5	438.5
30°	0.0	7.6	17.4	29.4	42.3	78.0	135.3	189.7	272.6	382.2	456.7
27.5°	0.0	7.8	17.9	30.3	43.4	78.0	131.6	190.3	279.4	403.6	473.8
25°	0.0	8.0	18.4	31.1	44.7	77.1	126.8	190.4	293.8	420.6	490.0
22.5°	0.0	8.1	18.8	31.9	45.9	77.0	121.1	189.9	309.1	433.5	510.6
20°	0.0	8.3	19.2	32.6	47.1	80.7	114.4	188.9	324.9	445.2	529.0
17.5°	0.0	8.4	19.5	33.2	48.2	83.8	113.1	187.1	340.7	455.7	545.0
15°	0.0	8.5	19.8	33.8	49.2	86.6	115.4	186.1	356.1	465.0	558.7
12.5°	0.0	8.6	20.0	34.2	50.1	88.9	117.5	184.9	369.8	472.9	570.1
10°	0.0	8.7	20.2	34.6	50.9	90.7	119.3	181.2	381.1	479.1	578.7
7.5°	0.0	8.7	20.4	34.9	51.6	92.2	120.8	175.5	390.2	484.0	583.7
5°	0.0	8.8	20.5	35.1	52.1	93.2	122.0	168.0	396.6	487.7	586.2
2.5°	0.0	8.8	20.6	35.3	52.6	93.8	122.8	159.4	399.9	490.0	586.6
0°	0.0	8.8	20.6	35.3	52.9	94.0	123.4	149.9	399.7	490.8	584.8
-2.5°	0.0	8.8	20.6	35.3	52.6	93.8	122.8	159.4	399.9	490.0	586.6
-5°	0.0	8.8	20.5	35.1	52.1	93.2	122.0	168.0	396.6	487.7	586.2
-7.5°	0.0	8.7	20.4	34.9	51.6	92.2	120.8	175.5	390.2	484.0	583.7
-10°	0.0	8.7	20.2	34.6	50.9	90.7	119.3	181.2	381.1	479.1	578.7
-12.5°	0.0	8.6	20.0	34.2	50.1	88.9	117.5	184.9	369.8	472.9	570.1
-15°	0.0	8.5	19.8	33.8	49.2	86.6	115.4	186.1	356.1	465.0	558.7
-17.5°	0.0	8.4	19.5	33.2	48.2	83.8	113.1	187.1	340.7	455.7	545.0
-20°	0.0	8.3	19.2	32.6	47.1	80.7	114.4	188.9	324.9	445.2	529.0



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 CATALOG NUMBER: GFLD-SA6E-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	8.1	18.8	31.9	45.9	77.0	121.1	189.9	309.1	433.5	510.6
-25°	0.0	8.0	18.4	31.1	44.7	77.1	126.8	190.4	293.8	420.6	490.0
-27.5°	0.0	7.8	17.9	30.3	43.4	78.0	131.6	190.3	279.4	403.6	473.8
-30°	0.0	7.6	17.4	29.4	42.3	78.0	135.3	189.7	272.6	382.2	456.7
-32.5°	0.0	7.4	16.9	28.4	43.4	77.0	137.9	192.5	270.1	363.5	438.5
-35°	0.0	7.2	16.3	27.3	44.0	75.0	137.3	195.1	267.4	347.9	419.2
-37.5°	0.0	7.0	15.7	26.1	44.2	73.3	134.4	196.2	264.6	335.6	399.9
-40°	0.0	6.7	15.1	24.9	43.8	73.3	130.0	195.5	261.8	330.1	380.5
-42.5°	0.0	6.5	14.4	23.9	43.0	72.5	124.2	193.3	259.1	317.3	360.5
-45°	0.0	6.2	13.7	22.9	41.9	70.9	116.9	187.4	254.5	302.2	340.2
-47.5°	0.0	5.9	12.9	21.8	40.2	68.4	108.2	176.9	247.5	285.9	321.9
-50°	0.0	5.7	12.2	20.7	38.2	65.2	103.0	164.5	231.3	267.9	302.1
-52.5°	0.0	5.4	11.4	19.7	35.7	61.1	97.5	150.2	210.6	249.8	281.3
-55°	0.0	5.0	10.5	18.5	32.8	56.8	90.8	134.9	187.9	231.5	261.5
-57.5°	0.0	4.7	9.7	17.2	29.5	51.9	83.1	124.5	165.0	208.1	241.7
-60°	0.0	4.4	8.8	15.8	25.9	46.4	74.4	111.2	143.2	183.3	219.8
-62.5°	0.0	4.1	8.1	14.2	23.5	40.3	65.8	96.4	125.3	158.6	193.6
-65°	0.0	3.7	7.4	12.6	21.0	33.6	56.4	81.5	106.5	135.5	167.6
-67.5°	0.0	3.4	6.7	10.9	18.3	28.1	46.3	67.8	86.8	112.1	140.4
-70°	0.0	3.0	6.0	9.1	15.4	24.0	35.5	53.8	70.7	87.7	111.7
-72.5°	0.0	2.6	5.3	7.9	12.4	19.6	28.8	39.6	54.5	69.3	83.9
-75°	0.0	2.3	4.5	6.8	9.4	15.1	22.6	30.1	38.1	50.9	63.6
-77.5°	0.0	1.9	3.8	5.7	7.6	10.5	16.2	22.2	28.2	34.5	43.0
-80°	0.0	1.5	3.1	4.6	6.1	7.6	9.6	14.2	18.9	23.8	28.8
-82.5°	0.0	1.1	2.3	3.4	4.6	5.7	6.8	7.9	9.5	13.0	16.6
-85°	0.0	0.8	1.5	2.3	3.1	3.8	4.5	5.3	6.0	6.7	7.4
-87.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	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):

	-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°	3.7	3.7	3.6	3.4	3.6	3.8	4.0	4.2	3.8	3.4	2.9
85°	7.5	7.4	8.3	8.9	9.9	10.5	10.8	10.8	12.1	13.7	15.7
82.5°	18.6	19.9	20.6	20.8	21.1	21.0	20.8	20.7	25.5	31.6	38.5
80°	31.3	32.6	37.5	42.8	45.6	45.5	43.1	38.5	45.6	57.0	70.7
77.5°	51.0	58.5	66.4	74.5	76.0	72.1	65.8	57.2	67.3	87.6	110.6
75°	74.2	84.4	95.9	104.6	104.6	98.4	90.2	88.4	105.6	130.1	150.3
72.5°	101.4	116.3	127.5	134.8	134.2	133.2	136.4	143.6	157.7	175.6	191.3
70°	134.3	149.2	157.4	161.2	162.7	170.9	183.0	192.2	202.2	219.9	236.3
67.5°	166.9	178.3	185.5	190.5	204.3	219.9	232.1	243.2	255.5	273.7	288.6
65°	195.8	207.5	217.8	233.1	253.1	267.9	282.4	297.4	318.8	339.1	351.3
62.5°	224.2	236.7	252.3	273.1	294.7	313.6	337.2	363.9	391.8	412.6	436.3
60°	246.2	264.0	286.1	310.8	336.6	367.4	397.7	429.0	457.5	485.3	520.3
57.5°	267.3	292.8	320.4	349.3	383.5	422.0	458.9	492.7	528.6	567.3	606.9
55°	290.2	323.6	354.2	388.8	430.6	479.3	520.5	560.3	603.4	668.6	725.6
52.5°	315.3	352.3	386.9	429.1	481.0	533.1	579.9	635.9	707.8	804.7	961.8
50°	339.0	378.7	419.2	473.8	529.9	584.8	652.5	730.5	874.6	1055.1	1371.4
47.5°	362.6	404.6	458.3	517.3	578.4	650.8	736.6	907.0	1103.4	1553.3	2001.5
45°	386.0	435.9	495.3	562.2	635.1	725.9	904.2	1114.3	1648.7	2166.2	2705.1
42.5°	408.8	467.3	535.1	606.4	701.7	866.0	1095.7	1651.0	2229.4	2823.7	3341.0
40°	434.7	496.6	575.1	665.6	791.4	1040.9	1556.6	2181.7	2833.7	3395.1	3898.5
37.5°	459.2	532.4	617.6	722.9	949.1	1365.7	2030.1	2723.4	3354.8	3903.3	4441.0
35°	481.6	567.1	668.6	826.5	1103.7	1790.3	2510.4	3215.5	3819.0	4404.7	4992.8
32.5°	507.9	600.5	717.6	963.7	1458.3	2200.2	2966.5	3638.3	4270.3	4894.8	5566.7
30°	537.0	642.0	785.8	1094.6	1809.6	2598.4	3357.6	4043.9	4699.1	5392.8	6112.3
27.5°	564.4	682.1	898.8	1348.4	2139.9	2970.3	3713.5	4419.7	5123.1	5861.7	6636.4
25°	589.2	720.1	1004.9	1626.7	2458.7	3287.5	4040.8	4759.6	5519.0	6321.8	7137.0
22.5°	616.1	757.2	1100.5	1880.2	2750.3	3569.9	4330.0	5092.0	5895.9	6746.7	7597.0
20°	645.0	836.4	1257.8	2114.3	3015.3	3826.5	4589.5	5400.9	6248.5	7129.7	8027.8
17.5°	671.4	906.4	1445.7	2336.3	3238.1	4049.6	4823.0	5680.7	6555.2	7476.3	8422.3
15°	695.1	967.1	1611.3	2532.7	3427.2	4239.1	5050.8	5929.1	6827.7	7787.2	8769.7
12.5°	715.9	1018.3	1753.7	2702.4	3586.8	4401.2	5242.3	6138.5	7070.5	8058.8	9082.7
10°	733.7	1060.1	1872.0	2844.5	3716.6	4534.9	5396.0	6312.8	7263.9	8277.6	9335.2
7.5°	745.0	1094.6	1965.7	2957.8	3816.7	4639.6	5511.9	6450.1	7405.3	8448.4	9526.1
5°	752.2	1122.7	2033.4	3041.7	3889.7	4718.6	5595.4	6548.8	7496.0	8568.3	9654.6
2.5°	755.7	1142.0	2074.6	3095.3	3935.4	4774.0	5664.5	6635.3	7591.5	8653.6	9754.0
0°	755.3	1152.0	2089.5	3118.1	3952.8	4799.2	5698.5	6680.0	7652.8	8690.2	9821.7
-2.5°	755.7	1142.0	2074.6	3095.3	3935.4	4774.0	5664.5	6635.3	7591.5	8653.6	9754.0
-5°	752.2	1122.7	2033.4	3041.7	3889.7	4718.6	5595.4	6548.8	7496.0	8568.3	9654.6
-7.5°	745.0	1094.6	1965.7	2957.8	3816.7	4639.6	5511.9	6450.1	7405.3	8448.4	9526.1
-10°	733.7	1060.1	1872.0	2844.5	3716.6	4534.9	5396.0	6312.8	7263.9	8277.6	9335.2
-12.5°	715.9	1018.3	1753.7	2702.4	3586.8	4401.2	5242.3	6138.5	7070.5	8058.8	9082.7
-15°	695.1	967.1	1611.3	2532.7	3427.2	4239.1	5050.8	5929.1	6827.7	7787.2	8769.7
-17.5°	671.4	906.4	1445.7	2336.3	3238.1	4049.6	4823.0	5680.7	6555.2	7476.3	8422.3
-20°	645.0	836.4	1257.8	2114.3	3015.3	3826.5	4589.5	5400.9	6248.5	7129.7	8027.8



REPORT NUMBER: P559235 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	616.1	757.2	1100.5	1880.2	2750.3	3569.9	4330.0	5092.0	5895.9	6746.7	7597.0
-25°	589.2	720.1	1004.9	1626.7	2458.7	3287.5	4040.8	4759.6	5519.0	6321.8	7137.0
-27.5°	564.4	682.1	898.8	1348.4	2139.9	2970.3	3713.5	4419.7	5123.1	5861.7	6636.4
-30°	537.0	642.0	785.8	1094.6	1809.6	2598.4	3357.6	4043.9	4699.1	5392.8	6112.3
-32.5°	507.9	600.5	717.6	963.7	1458.3	2200.2	2966.5	3638.3	4270.3	4894.8	5566.7
-35°	481.6	567.1	668.6	826.5	1103.7	1790.3	2510.4	3215.5	3819.0	4404.7	4992.8
-37.5°	459.2	532.4	617.6	722.9	949.1	1365.7	2030.1	2723.4	3354.8	3903.3	4441.0
-40°	434.7	496.6	575.1	665.6	791.4	1040.9	1556.6	2181.7	2833.7	3395.1	3898.5
-42.5°	408.8	467.3	535.1	606.4	701.7	866.0	1095.7	1651.0	2229.4	2823.7	3341.0
-45°	386.0	435.9	495.3	562.2	635.1	725.9	904.2	1114.3	1648.7	2166.2	2705.1
-47.5°	362.6	404.6	458.3	517.3	578.4	650.8	736.6	907.0	1103.4	1553.3	2001.5
-50°	339.0	378.7	419.2	473.8	529.9	584.8	652.5	730.5	874.6	1055.1	1371.4
-52.5°	315.3	352.3	386.9	429.1	481.0	533.1	579.9	635.9	707.8	804.7	961.8
-55°	290.2	323.6	354.2	388.8	430.6	479.3	520.5	560.3	603.4	668.6	725.6
-57.5°	267.3	292.8	320.4	349.3	383.5	422.0	458.9	492.7	528.6	567.3	606.9
-60°	246.2	264.0	286.1	310.8	336.6	367.4	397.7	429.0	457.5	485.3	520.3
-62.5°	224.2	236.7	252.3	273.1	294.7	313.6	337.2	363.9	391.8	412.6	436.3
-65°	195.8	207.5	217.8	233.1	253.1	267.9	282.4	297.4	318.8	339.1	351.3
-67.5°	166.9	178.3	185.5	190.5	204.3	219.9	232.1	243.2	255.5	273.7	288.6
-70°	134.3	149.2	157.4	161.2	162.7	170.9	183.0	192.2	202.2	219.9	236.3
-72.5°	101.4	116.3	127.5	134.8	134.2	133.2	136.4	143.6	157.7	175.6	191.3
-75°	74.2	84.4	95.9	104.6	104.6	98.4	90.2	88.4	105.6	130.1	150.3
-77.5°	51.0	58.5	66.4	74.5	76.0	72.1	65.8	57.2	67.3	87.6	110.6
-80°	31.3	32.6	37.5	42.8	45.6	45.5	43.1	38.5	45.6	57.0	70.7
-82.5°	18.6	19.9	20.6	20.8	21.1	21.0	20.8	20.7	25.5	31.6	38.5
-85°	7.5	7.4	8.3	8.9	9.9	10.5	10.8	10.8	12.1	13.7	15.7
-87.5°	3.7	3.7	3.6	3.4	3.6	3.8	4.0	4.2	3.8	3.4	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



REPORT NUMBER: P559235 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9
85°	17.8	17.6	16.9	16.0	14.9	15.4	15.8	16.2	16.6	15.5	14.4
82.5°	46.1	49.5	52.7	56.1	59.8	59.2	57.5	55.1	52.1	46.4	40.1
80°	86.4	94.4	99.8	104.2	107.6	104.3	99.3	93.5	87.0	77.2	66.7
77.5°	134.1	142.3	146.5	151.5	157.1	158.3	158.5	159.1	159.7	141.7	118.8
75°	166.5	177.2	186.1	193.9	200.8	204.3	206.5	208.7	210.8	186.9	155.6
72.5°	204.7	215.1	223.6	232.1	239.6	245.3	249.7	253.3	256.2	236.9	209.5
70°	249.3	259.8	269.4	278.2	286.7	294.5	301.5	308.0	313.9	315.0	316.5
67.5°	299.7	305.9	317.5	328.5	341.7	351.3	362.1	372.2	381.4	389.3	395.9
65°	362.1	384.3	406.8	417.8	418.7	432.7	454.7	466.9	470.5	473.2	480.1
62.5°	466.8	495.4	510.5	530.2	557.3	586.7	598.0	614.2	634.0	656.3	676.5
60°	549.9	574.4	610.7	647.7	680.6	710.5	782.9	847.3	902.4	949.9	995.6
57.5°	653.3	693.5	749.1	849.3	940.9	1023.7	1165.4	1338.3	1492.4	1627.2	1745.7
55°	817.8	934.9	1040.3	1276.9	1529.6	1748.3	1953.0	2172.0	2350.2	2489.6	2618.5
52.5°	1098.4	1420.5	1747.0	2054.1	2356.0	2630.8	2877.5	3071.6	3223.0	3336.8	3444.5
50°	1758.5	2146.7	2544.4	2910.6	3207.2	3478.2	3734.9	3927.4	4088.5	4227.2	4350.0
47.5°	2478.2	2932.5	3308.3	3646.1	3965.7	4266.4	4547.2	4781.5	4979.9	5163.0	5315.3
45°	3194.2	3600.6	3985.9	4348.2	4696.1	5033.1	5335.2	5601.7	5864.3	6081.2	6252.8
42.5°	3799.7	4230.0	4639.8	5054.5	5443.4	5821.4	6186.3	6510.5	6789.4	7026.5	7217.3
40°	4380.9	4844.7	5331.6	5792.0	6253.8	6685.1	7089.4	7459.5	7777.1	8057.9	8295.4
37.5°	4972.4	5514.0	6048.9	6573.5	7082.4	7551.6	8015.6	8442.5	8814.7	9143.2	9419.0
35°	5596.6	6193.6	6775.7	7366.9	7922.5	8465.4	8978.2	9448.2	9860.4	10247.4	10580.0
32.5°	6222.1	6868.9	7524.3	8164.0	8779.5	9387.5	9949.9	10479.7	10967.1	11395.4	11750.5
30°	6831.0	7543.1	8244.4	8941.3	9643.8	10306.2	10929.2	11511.1	12039.8	12506.4	12910.0
27.5°	7415.2	8180.8	8932.9	9730.0	10493.4	11214.0	11890.8	12516.4	13106.7	13637.2	14095.2
25°	7955.9	8769.2	9645.8	10481.7	11298.6	12097.8	12839.4	13519.0	14193.8	14777.6	15274.8
22.5°	8466.7	9374.2	10297.2	11174.0	12075.2	12954.0	13784.2	14571.7	15292.4	15904.1	16434.4
20°	8952.4	9929.0	10880.1	11850.8	12826.8	13774.9	14689.0	15530.6	16292.1	16958.7	17556.7
17.5°	9411.2	10421.7	11432.4	12468.9	13523.0	14519.7	15488.3	16403.9	17235.2	17974.8	18648.9
15°	9808.0	10852.3	11934.4	13036.1	14138.6	15198.4	16226.3	17223.7	18159.0	18964.0	19643.9
12.5°	10145.3	11233.1	12377.9	13533.8	14695.9	15806.8	16896.4	17963.6	18957.8	19823.3	20521.3
10°	10425.1	11564.8	12760.5	13964.5	15156.4	16310.8	17443.9	18548.1	19616.0	20513.1	21230.0
7.5°	10658.2	11841.6	13065.0	14305.2	15507.9	16706.7	17888.5	19004.0	20056.1	21002.0	21738.8
5°	10832.3	12035.6	13284.7	14555.9	15777.0	17018.6	18235.5	19377.0	20418.7	21275.8	21877.3
2.5°	10961.9	12156.3	13427.4	14707.1	15944.3	17230.7	18473.5	19616.3	20682.3	21493.7	22014.5
0°	11050.1	12222.7	13557.0	14811.9	16069.7	17389.3	18617.7	19772.7	20842.4	21635.9	22173.7
-2.5°	10961.9	12156.3	13427.4	14707.1	15944.3	17230.7	18473.5	19616.3	20682.3	21493.7	22014.5
-5°	10832.3	12035.6	13284.7	14555.9	15777.0	17018.6	18235.5	19377.0	20418.7	21275.8	21877.3
-7.5°	10658.2	11841.6	13065.0	14305.2	15507.9	16706.7	17888.5	19004.0	20056.1	21002.0	21738.8
-10°	10425.1	11564.8	12760.5	13964.5	15156.4	16310.8	17443.9	18548.1	19616.0	20513.1	21230.0
-12.5°	10145.3	11233.1	12377.9	13533.8	14695.9	15806.8	16896.4	17963.6	18957.8	19823.3	20521.3
-15°	9808.0	10852.3	11934.4	13036.1	14138.6	15198.4	16226.3	17223.7	18159.0	18964.0	19643.9
-17.5°	9411.2	10421.7	11432.4	12468.9	13523.0	14519.7	15488.3	16403.9	17235.2	17974.8	18648.9
-20°	8952.4	9929.0	10880.1	11850.8	12826.8	13774.9	14689.0	15530.6	16292.1	16958.7	17556.7



REPORT NUMBER: P559235 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	8466.7	9374.2	10297.2	11174.0	12075.2	12954.0	13784.2	14571.7	15292.4	15904.1	16434.4
-25°	7955.9	8769.2	9645.8	10481.7	11298.6	12097.8	12839.4	13519.0	14193.8	14777.6	15274.8
-27.5°	7415.2	8180.8	8932.9	9730.0	10493.4	11214.0	11890.8	12516.4	13106.7	13637.2	14095.2
-30°	6831.0	7543.1	8244.4	8941.3	9643.8	10306.2	10929.2	11511.1	12039.8	12506.4	12910.0
-32.5°	6222.1	6868.9	7524.3	8164.0	8779.5	9387.5	9949.9	10479.7	10967.1	11395.4	11750.5
-35°	5596.6	6193.6	6775.7	7366.9	7922.5	8465.4	8978.2	9448.2	9860.4	10247.4	10580.0
-37.5°	4972.4	5514.0	6048.9	6573.5	7082.4	7551.6	8015.6	8442.5	8814.7	9143.2	9419.0
-40°	4380.9	4844.7	5331.6	5792.0	6253.8	6685.1	7089.4	7459.5	7777.1	8057.9	8295.4
-42.5°	3799.7	4230.0	4639.8	5054.5	5443.4	5821.4	6186.3	6510.5	6789.4	7026.5	7217.3
-45°	3194.2	3600.6	3985.9	4348.2	4696.1	5033.1	5335.2	5601.7	5864.3	6081.2	6252.8
-47.5°	2478.2	2932.5	3308.3	3646.1	3965.7	4266.4	4547.2	4781.5	4979.9	5163.0	5315.3
-50°	1758.5	2146.7	2544.4	2910.6	3207.2	3478.2	3734.9	3927.4	4088.5	4227.2	4350.0
-52.5°	1098.4	1420.5	1747.0	2054.1	2356.0	2630.8	2877.5	3071.6	3223.0	3336.8	3444.5
-55°	817.8	934.9	1040.3	1276.9	1529.6	1748.3	1953.0	2172.0	2350.2	2489.6	2618.5
-57.5°	653.3	693.5	749.1	849.3	940.9	1023.7	1165.4	1338.3	1492.4	1627.2	1745.7
-60°	549.9	574.4	610.7	647.7	680.6	710.5	782.9	847.3	902.4	949.9	995.6
-62.5°	466.8	495.4	510.5	530.2	557.3	586.7	598.0	614.2	634.0	656.3	676.5
-65°	362.1	384.3	406.8	417.8	418.7	432.7	454.7	466.9	470.5	473.2	480.1
-67.5°	299.7	305.9	317.5	328.5	341.7	351.3	362.1	372.2	381.4	389.3	395.9
-70°	249.3	259.8	269.4	278.2	286.7	294.5	301.5	308.0	313.9	315.0	316.5
-72.5°	204.7	215.1	223.6	232.1	239.6	245.3	249.7	253.3	256.2	236.9	209.5
-75°	166.5	177.2	186.1	193.9	200.8	204.3	206.5	208.7	210.8	186.9	155.6
-77.5°	134.1	142.3	146.5	151.5	157.1	158.3	158.5	159.1	159.7	141.7	118.8
-80°	86.4	94.4	99.8	104.2	107.6	104.3	99.3	93.5	87.0	77.2	66.7
-82.5°	46.1	49.5	52.7	56.1	59.8	59.2	57.5	55.1	52.1	46.4	40.1
-85°	17.8	17.6	16.9	16.0	14.9	15.4	15.8	16.2	16.6	15.5	14.4
-87.5°	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.8	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



REPORT NUMBER: P559235 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
85°	13.1	11.7	11.8	11.8	11.8	11.7	13.1	14.4	15.5	16.6	16.2
82.5°	33.4	26.4	27.8	29.4	27.8	26.4	33.4	40.1	46.4	52.1	55.1
80°	55.6	44.2	45.5	47.0	45.5	44.2	55.6	66.7	77.2	87.0	93.5
77.5°	94.2	68.4	66.1	64.7	66.1	68.4	94.2	118.8	141.7	159.7	159.1
75°	123.2	90.0	88.1	88.2	88.1	90.0	123.2	155.6	186.9	210.8	208.7
72.5°	181.9	153.8	134.3	114.6	134.3	153.8	181.9	209.5	236.9	256.2	253.3
70°	319.9	323.8	322.2	317.4	322.2	323.8	319.9	316.5	315.0	313.9	308.0
67.5°	401.3	405.5	406.4	405.6	406.4	405.5	401.3	395.9	389.3	381.4	372.2
65°	484.9	487.7	489.9	490.8	489.9	487.7	484.9	480.1	473.2	470.5	466.9
62.5°	691.7	701.7	712.5	720.0	712.5	701.7	691.7	676.5	656.3	634.0	614.2
60°	1035.5	1068.5	1083.1	1084.4	1083.1	1068.5	1035.5	995.6	949.9	902.4	847.3
57.5°	1840.5	1911.5	1974.6	2021.9	1974.6	1911.5	1840.5	1745.7	1627.2	1492.4	1338.3
55°	2721.2	2796.6	2839.2	2850.7	2839.2	2796.6	2721.2	2618.5	2489.6	2350.2	2172.0
52.5°	3526.1	3576.3	3623.9	3664.8	3623.9	3576.3	3526.1	3444.5	3336.8	3223.0	3071.6
50°	4442.6	4498.5	4545.6	4581.7	4545.6	4498.5	4442.6	4350.0	4227.2	4088.5	3927.4
47.5°	5422.3	5490.7	5541.1	5575.0	5541.1	5490.7	5422.3	5315.3	5163.0	4979.9	4781.5
45°	6399.7	6517.0	6588.2	6600.7	6588.2	6517.0	6399.7	6252.8	6081.2	5864.3	5601.7
42.5°	7382.3	7494.6	7570.4	7626.4	7570.4	7494.6	7382.3	7217.3	7026.5	6789.4	6510.5
40°	8493.5	8634.5	8699.2	8657.9	8699.2	8634.5	8493.5	8295.4	8057.9	7777.1	7459.5
37.5°	9631.7	9776.8	9851.6	9848.1	9851.6	9776.8	9631.7	9419.0	9143.2	8814.7	8442.5
35°	10838.6	11018.5	11115.8	11091.3	11115.8	11018.5	10838.6	10580.0	10247.4	9860.4	9448.2
32.5°	12034.2	12251.6	12392.0	12413.8	12392.0	12251.6	12034.2	11750.5	11395.4	10967.1	10479.7
30°	13233.5	13468.4	13608.0	13621.6	13608.0	13468.4	13233.5	12910.0	12506.4	12039.8	11511.1
27.5°	14479.6	14742.5	14888.6	14923.6	14888.6	14742.5	14479.6	14095.2	13637.2	13106.7	12516.4
25°	15698.8	15990.6	16158.3	16222.5	16158.3	15990.6	15698.8	15274.8	14777.6	14193.8	13519.0
22.5°	16874.5	17194.4	17413.0	17468.6	17413.0	17194.4	16874.5	16434.4	15904.1	15292.4	14571.7
20°	18053.7	18431.2	18710.6	18738.2	18710.6	18431.2	18053.7	17556.7	16958.7	16292.1	15530.6
17.5°	19189.0	19597.5	19896.6	19969.6	19896.6	19597.5	19189.0	18648.9	17974.8	17235.2	16403.9
15°	20205.4	20634.1	20922.9	20986.4	20922.9	20634.1	20205.4	19643.9	18964.0	18159.0	17223.7
12.5°	21082.5	21477.7	21747.3	21850.5	21747.3	21477.7	21082.5	20521.3	19823.3	18957.8	17963.6
10°	21789.1	22094.4	22335.4	22444.1	22335.4	22094.4	21789.1	21230.0	20513.1	19616.0	18548.1
7.5°	22183.5	22434.7	22601.6	22661.6	22601.6	22434.7	22183.5	21738.8	21002.0	20056.1	19004.0
5°	22339.4	22580.2	22670.5	22723.3	22670.5	22580.2	22339.4	21877.3	21275.8	20418.7	19377.0
2.5°	22360.7	22553.4	22739.3	22861.4	22739.3	22553.4	22360.7	22014.5	21493.7	20682.3	19616.3
0°	22485.3	22673.4	22776.2	22835.0	22776.2	22673.4	22485.3	22173.7	21635.9	20842.4	19772.7
-2.5°	22360.7	22553.4	22739.3	22861.4	22739.3	22553.4	22360.7	22014.5	21493.7	20682.3	19616.3
-5°	22339.4	22580.2	22670.5	22723.3	22670.5	22580.2	22339.4	21877.3	21275.8	20418.7	19377.0
-7.5°	22183.5	22434.7	22601.6	22661.6	22601.6	22434.7	22183.5	21738.8	21002.0	20056.1	19004.0
-10°	21789.1	22094.4	22335.4	22444.1	22335.4	22094.4	21789.1	21230.0	20513.1	19616.0	18548.1
-12.5°	21082.5	21477.7	21747.3	21850.5	21747.3	21477.7	21082.5	20521.3	19823.3	18957.8	17963.6
-15°	20205.4	20634.1	20922.9	20986.4	20922.9	20634.1	20205.4	19643.9	18964.0	18159.0	17223.7
-17.5°	19189.0	19597.5	19896.6	19969.6	19896.6	19597.5	19189.0	18648.9	17974.8	17235.2	16403.9
-20°	18053.7	18431.2	18710.6	18738.2	18710.6	18431.2	18053.7	17556.7	16958.7	16292.1	15530.6



REPORT NUMBER: P559235 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	16874.5	17194.4	17413.0	17468.6	17413.0	17194.4	16874.5	16434.4	15904.1	15292.4	14571.7
-25°	15698.8	15990.6	16158.3	16222.5	16158.3	15990.6	15698.8	15274.8	14777.6	14193.8	13519.0
-27.5°	14479.6	14742.5	14888.6	14923.6	14888.6	14742.5	14479.6	14095.2	13637.2	13106.7	12516.4
-30°	13233.5	13468.4	13608.0	13621.6	13608.0	13468.4	13233.5	12910.0	12506.4	12039.8	11511.1
-32.5°	12034.2	12251.6	12392.0	12413.8	12392.0	12251.6	12034.2	11750.5	11395.4	10967.1	10479.7
-35°	10838.6	11018.5	11115.8	11091.3	11115.8	11018.5	10838.6	10580.0	10247.4	9860.4	9448.2
-37.5°	9631.7	9776.8	9851.6	9848.1	9851.6	9776.8	9631.7	9419.0	9143.2	8814.7	8442.5
-40°	8493.5	8634.5	8699.2	8657.9	8699.2	8634.5	8493.5	8295.4	8057.9	7777.1	7459.5
-42.5°	7382.3	7494.6	7570.4	7626.4	7570.4	7494.6	7382.3	7217.3	7026.5	6789.4	6510.5
-45°	6399.7	6517.0	6588.2	6600.7	6588.2	6517.0	6399.7	6252.8	6081.2	5864.3	5601.7
-47.5°	5422.3	5490.7	5541.1	5575.0	5541.1	5490.7	5422.3	5315.3	5163.0	4979.9	4781.5
-50°	4442.6	4498.5	4545.6	4581.7	4545.6	4498.5	4442.6	4350.0	4227.2	4088.5	3927.4
-52.5°	3526.1	3576.3	3623.9	3664.8	3623.9	3576.3	3526.1	3444.5	3336.8	3223.0	3071.6
-55°	2721.2	2796.6	2839.2	2850.7	2839.2	2796.6	2721.2	2618.5	2489.6	2350.2	2172.0
-57.5°	1840.5	1911.5	1974.6	2021.9	1974.6	1911.5	1840.5	1745.7	1627.2	1492.4	1338.3
-60°	1035.5	1068.5	1083.1	1084.4	1083.1	1068.5	1035.5	995.6	949.9	902.4	847.3
-62.5°	691.7	701.7	712.5	720.0	712.5	701.7	691.7	676.5	656.3	634.0	614.2
-65°	484.9	487.7	489.9	490.8	489.9	487.7	484.9	480.1	473.2	470.5	466.9
-67.5°	401.3	405.5	406.4	405.6	406.4	405.5	401.3	395.9	389.3	381.4	372.2
-70°	319.9	323.8	322.2	317.4	322.2	323.8	319.9	316.5	315.0	313.9	308.0
-72.5°	181.9	153.8	134.3	114.6	134.3	153.8	181.9	209.5	236.9	256.2	253.3
-75°	123.2	90.0	88.1	88.2	88.1	90.0	123.2	155.6	186.9	210.8	208.7
-77.5°	94.2	68.4	66.1	64.7	66.1	68.4	94.2	118.8	141.7	159.7	159.1
-80°	55.6	44.2	45.5	47.0	45.5	44.2	55.6	66.7	77.2	87.0	93.5
-82.5°	33.4	26.4	27.8	29.4	27.8	26.4	33.4	40.1	46.4	52.1	55.1
-85°	13.1	11.7	11.8	11.8	11.8	11.7	13.1	14.4	15.5	16.6	16.2
-87.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559235 (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°	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.9	3.4	3.8	4.2
85°	15.8	15.4	14.9	16.0	16.9	17.6	17.8	15.7	13.7	12.1	10.8
82.5°	57.5	59.2	59.8	56.1	52.7	49.5	46.1	38.5	31.6	25.5	20.7
80°	99.3	104.3	107.6	104.2	99.8	94.4	86.4	70.7	57.0	45.6	38.5
77.5°	158.5	158.3	157.1	151.5	146.5	142.3	134.1	110.6	87.6	67.3	57.2
75°	206.5	204.3	200.8	193.9	186.1	177.2	166.5	150.3	130.1	105.6	88.4
72.5°	249.7	245.3	239.6	232.1	223.6	215.1	204.7	191.3	175.6	157.7	143.6
70°	301.5	294.5	286.7	278.2	269.4	259.8	249.3	236.3	219.9	202.2	192.2
67.5°	362.1	351.3	341.7	328.5	317.5	305.9	299.7	288.6	273.7	255.5	243.2
65°	454.7	432.7	418.7	417.8	406.8	384.3	362.1	351.3	339.1	318.8	297.4
62.5°	598.0	586.7	557.3	530.2	510.5	495.4	466.8	436.3	412.6	391.8	363.9
60°	782.9	710.5	680.6	647.7	610.7	574.4	549.9	520.3	485.3	457.5	429.0
57.5°	1165.4	1023.7	940.9	849.3	749.1	693.5	653.3	606.9	567.3	528.6	492.7
55°	1953.0	1748.3	1529.6	1276.9	1040.3	934.9	817.8	725.6	668.6	603.4	560.3
52.5°	2877.5	2630.8	2356.0	2054.1	1747.0	1420.5	1098.4	961.8	804.7	707.8	635.9
50°	3734.9	3478.2	3207.2	2910.6	2544.4	2146.7	1758.5	1371.4	1055.1	874.6	730.5
47.5°	4547.2	4266.4	3965.7	3646.1	3308.3	2932.5	2478.2	2001.5	1553.3	1103.4	907.0
45°	5335.2	5033.1	4696.1	4348.2	3985.9	3600.6	3194.2	2705.1	2166.2	1648.7	1114.3
42.5°	6186.3	5821.4	5443.4	5054.5	4639.8	4230.0	3799.7	3341.0	2823.7	2229.4	1651.0
40°	7089.4	6685.1	6253.8	5792.0	5331.6	4844.7	4380.9	3898.5	3395.1	2833.7	2181.7
37.5°	8015.6	7551.6	7082.4	6573.5	6048.9	5514.0	4972.4	4441.0	3903.3	3354.8	2723.4
35°	8978.2	8465.4	7922.5	7366.9	6775.7	6193.6	5596.6	4992.8	4404.7	3819.0	3215.5
32.5°	9949.9	9387.5	8779.5	8164.0	7524.3	6868.9	6222.1	5566.7	4894.8	4270.3	3638.3
30°	10929.2	10306.2	9643.8	8941.3	8244.4	7543.1	6831.0	6112.3	5392.8	4699.1	4043.9
27.5°	11890.8	11214.0	10493.4	9730.0	8932.9	8180.8	7415.2	6636.4	5861.7	5123.1	4419.7
25°	12839.4	12097.8	11298.6	10481.7	9645.8	8769.2	7955.9	7137.0	6321.8	5519.0	4759.6
22.5°	13784.2	12954.0	12075.2	11174.0	10297.2	9374.2	8466.7	7597.0	6746.7	5895.9	5092.0
20°	14689.0	13774.9	12826.8	11850.8	10880.1	9929.0	8952.4	8027.8	7129.7	6248.5	5400.9
17.5°	15488.3	14519.7	13523.0	12468.9	11432.4	10421.7	9411.2	8422.3	7476.3	6555.2	5680.7
15°	16226.3	15198.4	14138.6	13036.1	11934.4	10852.3	9808.0	8769.7	7787.2	6827.7	5929.1
12.5°	16896.4	15806.8	14695.9	13533.8	12377.9	11233.1	10145.3	9082.7	8058.8	7070.5	6138.5
10°	17443.9	16310.8	15156.4	13964.5	12760.5	11564.8	10425.1	9335.2	8277.6	7263.9	6312.8
7.5°	17888.5	16706.7	15507.9	14305.2	13065.0	11841.6	10658.2	9526.1	8448.4	7405.3	6450.1
5°	18235.5	17018.6	15777.0	14555.9	13284.7	12035.6	10832.3	9654.6	8568.3	7496.0	6548.8
2.5°	18473.5	17230.7	15944.3	14707.1	13427.4	12156.3	10961.9	9754.0	8653.6	7591.5	6635.3
0°	18617.7	17389.3	16069.7	14811.9	13557.0	12222.7	11050.1	9821.7	8690.2	7652.8	6680.0
-2.5°	18473.5	17230.7	15944.3	14707.1	13427.4	12156.3	10961.9	9754.0	8653.6	7591.5	6635.3
-5°	18235.5	17018.6	15777.0	14555.9	13284.7	12035.6	10832.3	9654.6	8568.3	7496.0	6548.8
-7.5°	17888.5	16706.7	15507.9	14305.2	13065.0	11841.6	10658.2	9526.1	8448.4	7405.3	6450.1
-10°	17443.9	16310.8	15156.4	13964.5	12760.5	11564.8	10425.1	9335.2	8277.6	7263.9	6312.8
-12.5°	16896.4	15806.8	14695.9	13533.8	12377.9	11233.1	10145.3	9082.7	8058.8	7070.5	6138.5
-15°	16226.3	15198.4	14138.6	13036.1	11934.4	10852.3	9808.0	8769.7	7787.2	6827.7	5929.1
-17.5°	15488.3	14519.7	13523.0	12468.9	11432.4	10421.7	9411.2	8422.3	7476.3	6555.2	5680.7
-20°	14689.0	13774.9	12826.8	11850.8	10880.1	9929.0	8952.4	8027.8	7129.7	6248.5	5400.9



REPORT NUMBER: P559235 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	13784.2	12954.0	12075.2	11174.0	10297.2	9374.2	8466.7	7597.0	6746.7	5895.9	5092.0
-25°	12839.4	12097.8	11298.6	10481.7	9645.8	8769.2	7955.9	7137.0	6321.8	5519.0	4759.6
-27.5°	11890.8	11214.0	10493.4	9730.0	8932.9	8180.8	7415.2	6636.4	5861.7	5123.1	4419.7
-30°	10929.2	10306.2	9643.8	8941.3	8244.4	7543.1	6831.0	6112.3	5392.8	4699.1	4043.9
-32.5°	9949.9	9387.5	8779.5	8164.0	7524.3	6868.9	6222.1	5566.7	4894.8	4270.3	3638.3
-35°	8978.2	8465.4	7922.5	7366.9	6775.7	6193.6	5596.6	4992.8	4404.7	3819.0	3215.5
-37.5°	8015.6	7551.6	7082.4	6573.5	6048.9	5514.0	4972.4	4441.0	3903.3	3354.8	2723.4
-40°	7089.4	6685.1	6253.8	5792.0	5331.6	4844.7	4380.9	3898.5	3395.1	2833.7	2181.7
-42.5°	6186.3	5821.4	5443.4	5054.5	4639.8	4230.0	3799.7	3341.0	2823.7	2229.4	1651.0
-45°	5335.2	5033.1	4696.1	4348.2	3985.9	3600.6	3194.2	2705.1	2166.2	1648.7	1114.3
-47.5°	4547.2	4266.4	3965.7	3646.1	3308.3	2932.5	2478.2	2001.5	1553.3	1103.4	907.0
-50°	3734.9	3478.2	3207.2	2910.6	2544.4	2146.7	1758.5	1371.4	1055.1	874.6	730.5
-52.5°	2877.5	2630.8	2356.0	2054.1	1747.0	1420.5	1098.4	961.8	804.7	707.8	635.9
-55°	1953.0	1748.3	1529.6	1276.9	1040.3	934.9	817.8	725.6	668.6	603.4	560.3
-57.5°	1165.4	1023.7	940.9	849.3	749.1	693.5	653.3	606.9	567.3	528.6	492.7
-60°	782.9	710.5	680.6	647.7	610.7	574.4	549.9	520.3	485.3	457.5	429.0
-62.5°	598.0	586.7	557.3	530.2	510.5	495.4	466.8	436.3	412.6	391.8	363.9
-65°	454.7	432.7	418.7	417.8	406.8	384.3	362.1	351.3	339.1	318.8	297.4
-67.5°	362.1	351.3	341.7	328.5	317.5	305.9	299.7	288.6	273.7	255.5	243.2
-70°	301.5	294.5	286.7	278.2	269.4	259.8	249.3	236.3	219.9	202.2	192.2
-72.5°	249.7	245.3	239.6	232.1	223.6	215.1	204.7	191.3	175.6	157.7	143.6
-75°	206.5	204.3	200.8	193.9	186.1	177.2	166.5	150.3	130.1	105.6	88.4
-77.5°	158.5	158.3	157.1	151.5	146.5	142.3	134.1	110.6	87.6	67.3	57.2
-80°	99.3	104.3	107.6	104.2	99.8	94.4	86.4	70.7	57.0	45.6	38.5
-82.5°	57.5	59.2	59.8	56.1	52.7	49.5	46.1	38.5	31.6	25.5	20.7
-85°	15.8	15.4	14.9	16.0	16.9	17.6	17.8	15.7	13.7	12.1	10.8
-87.5°	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.9	3.4	3.8	4.2
-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: P559235 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	4.0	3.8	3.6	3.4	3.6	3.7	3.7	3.7	3.4	3.0	2.6
85°	10.8	10.5	9.9	8.9	8.3	7.4	7.5	7.4	6.7	6.0	5.3
82.5°	20.8	21.0	21.1	20.8	20.6	19.9	18.6	16.6	13.0	9.5	7.9
80°	43.1	45.5	45.6	42.8	37.5	32.6	31.3	28.8	23.8	18.9	14.2
77.5°	65.8	72.1	76.0	74.5	66.4	58.5	51.0	43.0	34.5	28.2	22.2
75°	90.2	98.4	104.6	104.6	95.9	84.4	74.2	63.6	50.9	38.1	30.1
72.5°	136.4	133.2	134.2	134.8	127.5	116.3	101.4	83.9	69.3	54.5	39.6
70°	183.0	170.9	162.7	161.2	157.4	149.2	134.3	111.7	87.7	70.7	53.8
67.5°	232.1	219.9	204.3	190.5	185.5	178.3	166.9	140.4	112.1	86.8	67.8
65°	282.4	267.9	253.1	233.1	217.8	207.5	195.8	167.6	135.5	106.5	81.5
62.5°	337.2	313.6	294.7	273.1	252.3	236.7	224.2	193.6	158.6	125.3	96.4
60°	397.7	367.4	336.6	310.8	286.1	264.0	246.2	219.8	183.3	143.2	111.2
57.5°	458.9	422.0	383.5	349.3	320.4	292.8	267.3	241.7	208.1	165.0	124.5
55°	520.5	479.3	430.6	388.8	354.2	323.6	290.2	261.5	231.5	187.9	134.9
52.5°	579.9	533.1	481.0	429.1	386.9	352.3	315.3	281.3	249.8	210.6	150.2
50°	652.5	584.8	529.9	473.8	419.2	378.7	339.0	302.1	267.9	231.3	164.5
47.5°	736.6	650.8	578.4	517.3	458.3	404.6	362.6	321.9	285.9	247.5	176.9
45°	904.2	725.9	635.1	562.2	495.3	435.9	386.0	340.2	302.2	254.5	187.4
42.5°	1095.7	866.0	701.7	606.4	535.1	467.3	408.8	360.5	317.3	259.1	193.3
40°	1556.6	1040.9	791.4	665.6	575.1	496.6	434.7	380.5	330.1	261.8	195.5
37.5°	2030.1	1365.7	949.1	722.9	617.6	532.4	459.2	399.9	335.6	264.6	196.2
35°	2510.4	1790.3	1103.7	826.5	668.6	567.1	481.6	419.2	347.9	267.4	195.1
32.5°	2966.5	2200.2	1458.3	963.7	717.6	600.5	507.9	438.5	363.5	270.1	192.5
30°	3357.6	2598.4	1809.6	1094.6	785.8	642.0	537.0	456.7	382.2	272.6	189.7
27.5°	3713.5	2970.3	2139.9	1348.4	898.8	682.1	564.4	473.8	403.6	279.4	190.3
25°	4040.8	3287.5	2458.7	1626.7	1004.9	720.1	589.2	490.0	420.6	293.8	190.4
22.5°	4330.0	3569.9	2750.3	1880.2	1100.5	757.2	616.1	510.6	433.5	309.1	189.9
20°	4589.5	3826.5	3015.3	2114.3	1257.8	836.4	645.0	529.0	445.2	324.9	188.9
17.5°	4823.0	4049.6	3238.1	2336.3	1445.7	906.4	671.4	545.0	455.7	340.7	187.1
15°	5050.8	4239.1	3427.2	2532.7	1611.3	967.1	695.1	558.7	465.0	356.1	186.1
12.5°	5242.3	4401.2	3586.8	2702.4	1753.7	1018.3	715.9	570.1	472.9	369.8	184.9
10°	5396.0	4534.9	3716.6	2844.5	1872.0	1060.1	733.7	578.7	479.1	381.1	181.2
7.5°	5511.9	4639.6	3816.7	2957.8	1965.7	1094.6	745.0	583.7	484.0	390.2	175.5
5°	5595.4	4718.6	3889.7	3041.7	2033.4	1122.7	752.2	586.2	487.7	396.6	168.0
2.5°	5664.5	4774.0	3935.4	3095.3	2074.6	1142.0	755.7	586.6	490.0	399.9	159.4
0°	5698.5	4799.2	3952.8	3118.1	2089.5	1152.0	755.3	584.8	490.8	399.7	149.9
-2.5°	5664.5	4774.0	3935.4	3095.3	2074.6	1142.0	755.7	586.6	490.0	399.9	159.4
-5°	5595.4	4718.6	3889.7	3041.7	2033.4	1122.7	752.2	586.2	487.7	396.6	168.0
-7.5°	5511.9	4639.6	3816.7	2957.8	1965.7	1094.6	745.0	583.7	484.0	390.2	175.5
-10°	5396.0	4534.9	3716.6	2844.5	1872.0	1060.1	733.7	578.7	479.1	381.1	181.2
-12.5°	5242.3	4401.2	3586.8	2702.4	1753.7	1018.3	715.9	570.1	472.9	369.8	184.9
-15°	5050.8	4239.1	3427.2	2532.7	1611.3	967.1	695.1	558.7	465.0	356.1	186.1
-17.5°	4823.0	4049.6	3238.1	2336.3	1445.7	906.4	671.4	545.0	455.7	340.7	187.1
-20°	4589.5	3826.5	3015.3	2114.3	1257.8	836.4	645.0	529.0	445.2	324.9	188.9



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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°	4330.0	3569.9	2750.3	1880.2	1100.5	757.2	616.1	510.6	433.5	309.1	189.9
-25°	4040.8	3287.5	2458.7	1626.7	1004.9	720.1	589.2	490.0	420.6	293.8	190.4
-27.5°	3713.5	2970.3	2139.9	1348.4	898.8	682.1	564.4	473.8	403.6	279.4	190.3
-30°	3357.6	2598.4	1809.6	1094.6	785.8	642.0	537.0	456.7	382.2	272.6	189.7
-32.5°	2966.5	2200.2	1458.3	963.7	717.6	600.5	507.9	438.5	363.5	270.1	192.5
-35°	2510.4	1790.3	1103.7	826.5	668.6	567.1	481.6	419.2	347.9	267.4	195.1
-37.5°	2030.1	1365.7	949.1	722.9	617.6	532.4	459.2	399.9	335.6	264.6	196.2
-40°	1556.6	1040.9	791.4	665.6	575.1	496.6	434.7	380.5	330.1	261.8	195.5
-42.5°	1095.7	866.0	701.7	606.4	535.1	467.3	408.8	360.5	317.3	259.1	193.3
-45°	904.2	725.9	635.1	562.2	495.3	435.9	386.0	340.2	302.2	254.5	187.4
-47.5°	736.6	650.8	578.4	517.3	458.3	404.6	362.6	321.9	285.9	247.5	176.9
-50°	652.5	584.8	529.9	473.8	419.2	378.7	339.0	302.1	267.9	231.3	164.5
-52.5°	579.9	533.1	481.0	429.1	386.9	352.3	315.3	281.3	249.8	210.6	150.2
-55°	520.5	479.3	430.6	388.8	354.2	323.6	290.2	261.5	231.5	187.9	134.9
-57.5°	458.9	422.0	383.5	349.3	320.4	292.8	267.3	241.7	208.1	165.0	124.5
-60°	397.7	367.4	336.6	310.8	286.1	264.0	246.2	219.8	183.3	143.2	111.2
-62.5°	337.2	313.6	294.7	273.1	252.3	236.7	224.2	193.6	158.6	125.3	96.4
-65°	282.4	267.9	253.1	233.1	217.8	207.5	195.8	167.6	135.5	106.5	81.5
-67.5°	232.1	219.9	204.3	190.5	185.5	178.3	166.9	140.4	112.1	86.8	67.8
-70°	183.0	170.9	162.7	161.2	157.4	149.2	134.3	111.7	87.7	70.7	53.8
-72.5°	136.4	133.2	134.2	134.8	127.5	116.3	101.4	83.9	69.3	54.5	39.6
-75°	90.2	98.4	104.6	104.6	95.9	84.4	74.2	63.6	50.9	38.1	30.1
-77.5°	65.8	72.1	76.0	74.5	66.4	58.5	51.0	43.0	34.5	28.2	22.2
-80°	43.1	45.5	45.6	42.8	37.5	32.6	31.3	28.8	23.8	18.9	14.2
-82.5°	20.8	21.0	21.1	20.8	20.6	19.9	18.6	16.6	13.0	9.5	7.9
-85°	10.8	10.5	9.9	8.9	8.3	7.4	7.5	7.4	6.7	6.0	5.3
-87.5°	4.0	3.8	3.6	3.4	3.6	3.7	3.7	3.7	3.4	3.0	2.6
-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°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
85°	4.5	3.8	3.1	2.3	1.5	0.8	0.0
82.5°	6.8	5.7	4.6	3.4	2.3	1.1	0.0
80°	9.6	7.6	6.1	4.6	3.1	1.5	0.0
77.5°	16.2	10.5	7.6	5.7	3.8	1.9	0.0
75°	22.6	15.1	9.4	6.8	4.5	2.3	0.0
72.5°	28.8	19.6	12.4	7.9	5.3	2.6	0.0
70°	35.5	24.0	15.4	9.1	6.0	3.0	0.0
67.5°	46.3	28.1	18.3	10.9	6.7	3.4	0.0
65°	56.4	33.6	21.0	12.6	7.4	3.7	0.0
62.5°	65.8	40.3	23.5	14.2	8.1	4.1	0.0
60°	74.4	46.4	25.9	15.8	8.8	4.4	0.0
57.5°	83.1	51.9	29.5	17.2	9.7	4.7	0.0
55°	90.8	56.8	32.8	18.5	10.5	5.0	0.0
52.5°	97.5	61.1	35.7	19.7	11.4	5.4	0.0
50°	103.0	65.2	38.2	20.7	12.2	5.7	0.0
47.5°	108.2	68.4	40.2	21.8	12.9	5.9	0.0
45°	116.9	70.9	41.9	22.9	13.7	6.2	0.0
42.5°	124.2	72.5	43.0	23.9	14.4	6.5	0.0
40°	130.0	73.3	43.8	24.9	15.1	6.7	0.0
37.5°	134.4	73.3	44.2	26.1	15.7	7.0	0.0
35°	137.3	75.0	44.0	27.3	16.3	7.2	0.0
32.5°	137.9	77.0	43.4	28.4	16.9	7.4	0.0
30°	135.3	78.0	42.3	29.4	17.4	7.6	0.0
27.5°	131.6	78.0	43.4	30.3	17.9	7.8	0.0
25°	126.8	77.1	44.7	31.1	18.4	8.0	0.0
22.5°	121.1	77.0	45.9	31.9	18.8	8.1	0.0
20°	114.4	80.7	47.1	32.6	19.2	8.3	0.0
17.5°	113.1	83.8	48.2	33.2	19.5	8.4	0.0
15°	115.4	86.6	49.2	33.8	19.8	8.5	0.0
12.5°	117.5	88.9	50.1	34.2	20.0	8.6	0.0
10°	119.3	90.7	50.9	34.6	20.2	8.7	0.0
7.5°	120.8	92.2	51.6	34.9	20.4	8.7	0.0
5°	122.0	93.2	52.1	35.1	20.5	8.8	0.0
2.5°	122.8	93.8	52.6	35.3	20.6	8.8	0.0
0°	123.4	94.0	52.9	35.3	20.6	8.8	0.0
-2.5°	122.8	93.8	52.6	35.3	20.6	8.8	0.0
-5°	122.0	93.2	52.1	35.1	20.5	8.8	0.0
-7.5°	120.8	92.2	51.6	34.9	20.4	8.7	0.0
-10°	119.3	90.7	50.9	34.6	20.2	8.7	0.0
-12.5°	117.5	88.9	50.1	34.2	20.0	8.6	0.0
-15°	115.4	86.6	49.2	33.8	19.8	8.5	0.0
-17.5°	113.1	83.8	48.2	33.2	19.5	8.4	0.0
-20°	114.4	80.7	47.1	32.6	19.2	8.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	121.1	77.0	45.9	31.9	18.8	8.1	0.0
-25°	126.8	77.1	44.7	31.1	18.4	8.0	0.0
-27.5°	131.6	78.0	43.4	30.3	17.9	7.8	0.0
-30°	135.3	78.0	42.3	29.4	17.4	7.6	0.0
-32.5°	137.9	77.0	43.4	28.4	16.9	7.4	0.0
-35°	137.3	75.0	44.0	27.3	16.3	7.2	0.0
-37.5°	134.4	73.3	44.2	26.1	15.7	7.0	0.0
-40°	130.0	73.3	43.8	24.9	15.1	6.7	0.0
-42.5°	124.2	72.5	43.0	23.9	14.4	6.5	0.0
-45°	116.9	70.9	41.9	22.9	13.7	6.2	0.0
-47.5°	108.2	68.4	40.2	21.8	12.9	5.9	0.0
-50°	103.0	65.2	38.2	20.7	12.2	5.7	0.0
-52.5°	97.5	61.1	35.7	19.7	11.4	5.4	0.0
-55°	90.8	56.8	32.8	18.5	10.5	5.0	0.0
-57.5°	83.1	51.9	29.5	17.2	9.7	4.7	0.0
-60°	74.4	46.4	25.9	15.8	8.8	4.4	0.0
-62.5°	65.8	40.3	23.5	14.2	8.1	4.1	0.0
-65°	56.4	33.6	21.0	12.6	7.4	3.7	0.0
-67.5°	46.3	28.1	18.3	10.9	6.7	3.4	0.0
-70°	35.5	24.0	15.4	9.1	6.0	3.0	0.0
-72.5°	28.8	19.6	12.4	7.9	5.3	2.6	0.0
-75°	22.6	15.1	9.4	6.8	4.5	2.3	0.0
-77.5°	16.2	10.5	7.6	5.7	3.8	1.9	0.0
-80°	9.6	7.6	6.1	4.6	3.1	1.5	0.0
-82.5°	6.8	5.7	4.6	3.4	2.3	1.1	0.0
-85°	4.5	3.8	3.1	2.3	1.5	0.8	0.0
-87.5°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)