

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: P559224 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-940-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559224 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6D-940-U-TS-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, TIGHT SPOT N2
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

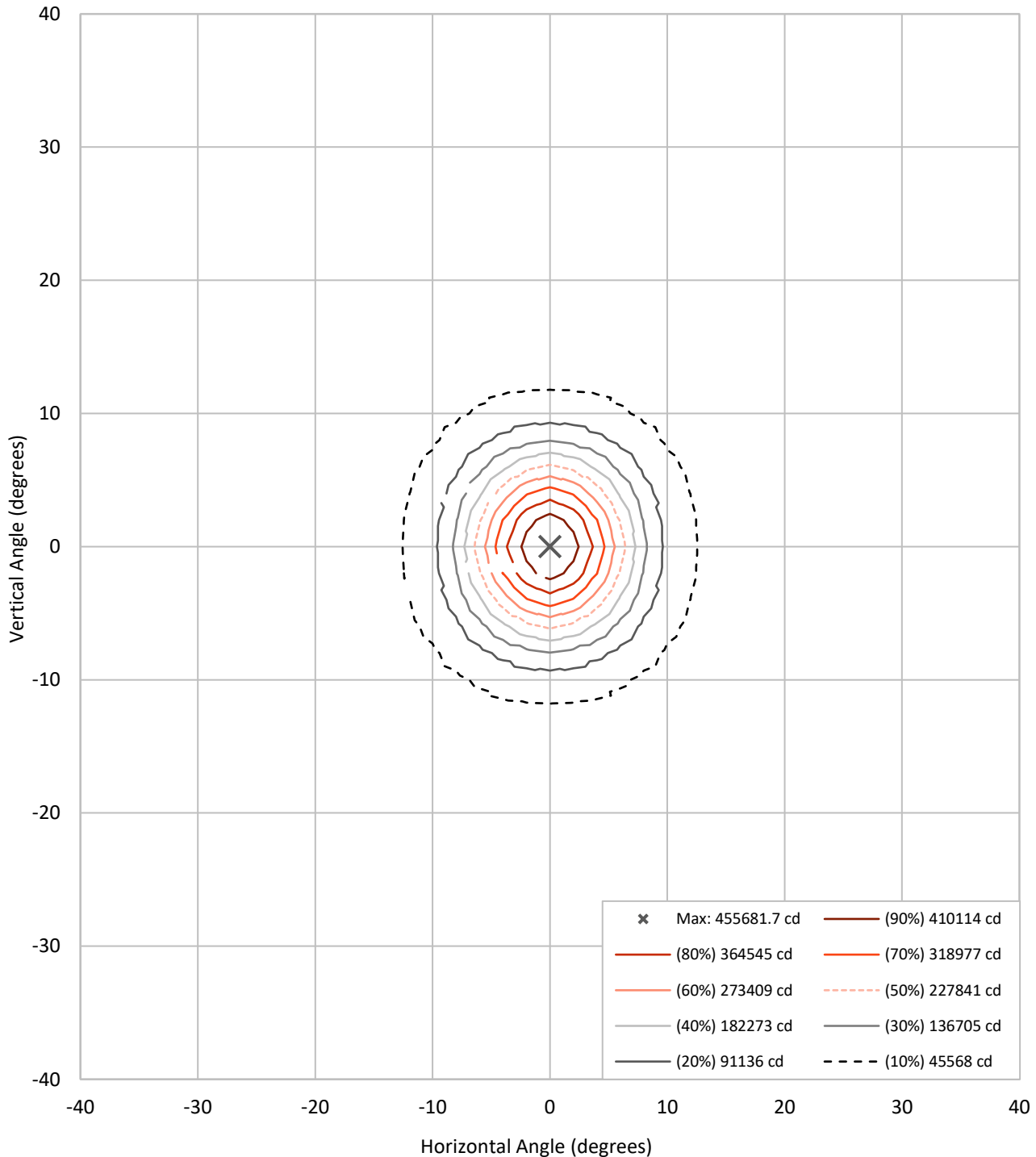
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	33030.9 lumens	Max Intensity:	455681.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	10437.2 lumens	Field Lumens:	23122.1 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 319
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





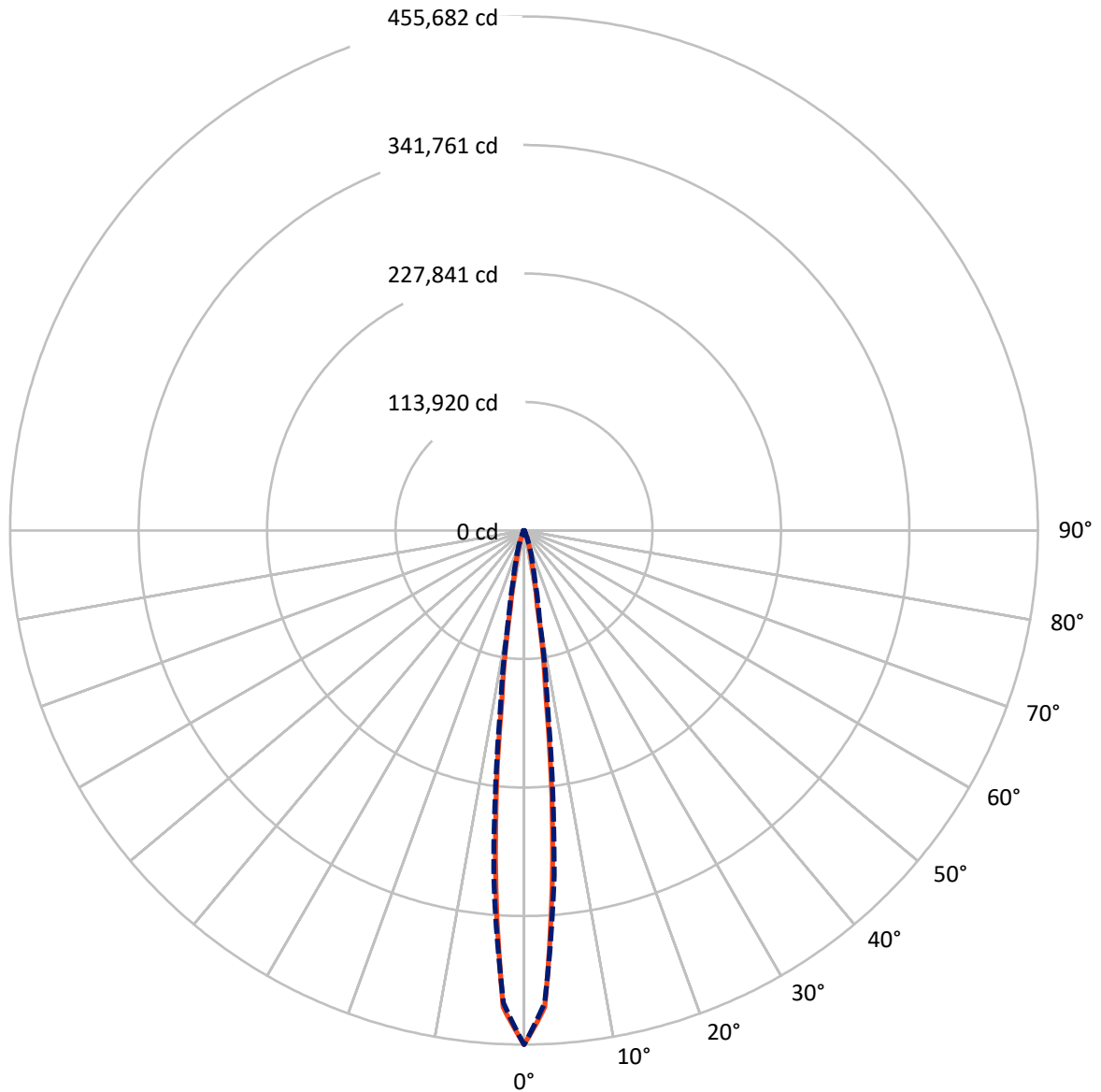
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Lumen Table

90	0.5		3.8		10.6		17.1		19.8		17.1		10.6		3.8		0.5		
80	0.5		3.8		10.6		17.1		19.8		17.1		10.6		3.8		0.5		
70	1.7	2.0	4.3	7.1	9.7	11.9	13.5	14.4	14.4	13.5	11.9	9.7	7.1	4.3	2.0	1.7			
60		3.1	6.4	9.6	12.5	14.8	16.2	16.8	16.8	16.2	14.8	12.5	9.6	6.4	3.1				
50	3.2	4.2	7.8	11.2	14.0	16.5	18.4	19.3	19.3	18.4	16.5	14.0	11.2	7.8	4.2	3.2			
40		4.9	8.8	12.2	15.6	20.1	25.2	28.4	28.4	25.2	20.1	15.6	12.2	8.8	4.9				
30	4.3	5.5	9.3	13.0	18.4	28.5	63.4	115.3	115.3	63.4	28.5	18.4	13.0	9.3	5.5	4.3			
20		5.8	9.6	13.7	21.8	61.3	346.3	762.0	762.0	346.3	61.3	21.8	13.7	9.6	5.8				
10	4.6	5.9	9.7	14.1	24.1	117.7	831.5	5378.7	5378.7	831.5	117.7	24.1	14.1	9.7	5.9	4.6			
0		5.9	9.7	14.1	24.1	117.7	831.5	5378.7	5378.7	831.5	117.7	24.1	14.1	9.7	5.9				
-10	4.3	5.8	9.6	13.7	21.8	61.3	346.3	762.0	762.0	346.3	61.3	21.8	13.7	9.6	5.8	4.3			
-20		5.5	9.3	13.0	18.4	28.5	63.4	115.3	115.3	63.4	28.5	18.4	13.0	9.3	5.5				
-30	3.2	4.9	8.8	12.2	15.6	20.1	25.2	28.4	28.4	25.2	20.1	15.6	12.2	8.8	4.9	3.2			
-40		4.2	7.8	11.2	14.0	16.5	18.4	19.3	19.3	18.4	16.5	14.0	11.2	7.8	4.2				
-50	1.7	3.1	6.4	9.6	12.5	14.8	16.2	16.8	16.8	16.2	14.8	12.5	9.6	6.4	3.1	1.7			
-60		2.0	4.3	7.1	9.7	11.9	13.5	14.4	14.4	13.5	11.9	9.7	7.1	4.3	2.0				
-70	0.5		3.8		10.6		17.1		19.8		17.1		10.6		3.8		0.5		
-80	0.5		3.8		10.6		17.1		19.8		17.1		10.6		3.8		0.5		
-90	0.5		3.8		10.6		17.1		19.8		17.1		10.6		3.8		0.5		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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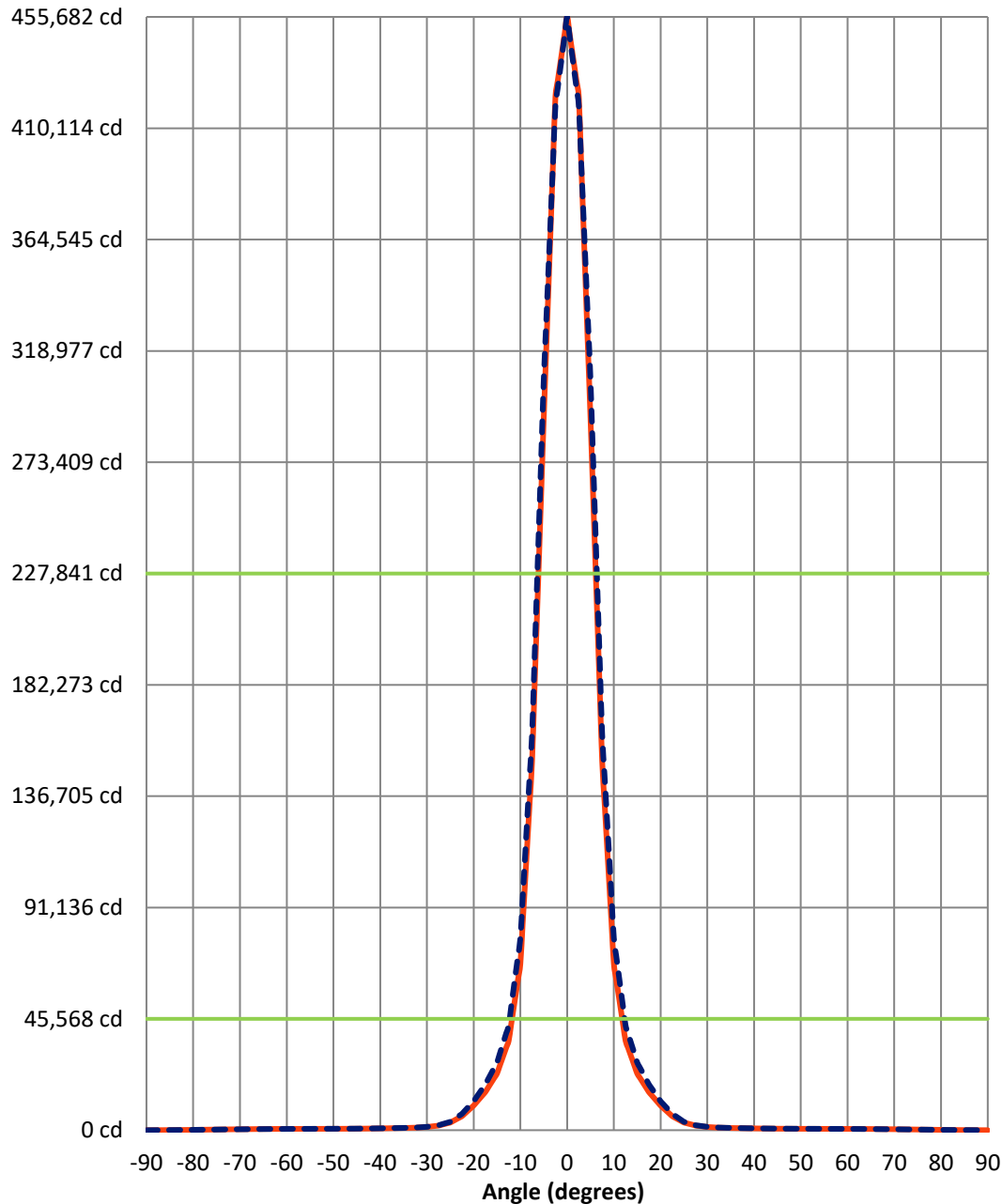
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 10437.2
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 23122.1
 Efficiency: 70.0%

Spill:
 Lumens: 9908.8
 Efficiency: 30.0%

— 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	1.1	2.1	3.1	4.0	4.8	5.6	6.5	7.4	8.2	9.1
85°	0.0	2.1	4.3	6.2	8.0	9.6	11.1	12.9	14.7	16.4	18.2
82.5°	0.0	3.2	6.4	9.3	12.0	14.4	16.7	19.3	22.3	26.3	30.4
80°	0.0	4.3	8.5	12.4	15.9	19.2	22.5	27.7	33.1	38.7	44.5
77.5°	0.0	5.3	10.6	15.4	19.9	24.6	30.3	36.9	43.9	51.0	58.7
75°	0.0	6.3	12.7	18.5	24.0	31.1	38.1	46.1	54.7	64.6	73.9
72.5°	0.0	7.4	14.7	21.5	29.2	37.5	45.8	55.7	67.4	78.5	89.0
70°	0.0	8.4	16.7	24.6	34.3	43.9	53.7	66.9	79.9	92.4	109.6
67.5°	0.0	9.4	18.7	28.4	39.3	50.2	63.3	77.9	92.4	111.4	131.2
65°	0.0	10.4	20.7	32.1	44.3	57.1	72.8	88.9	108.6	130.0	152.7
62.5°	0.0	11.3	22.6	35.7	49.1	64.7	82.0	101.5	124.3	148.4	174.9
60°	0.0	12.2	24.5	39.3	53.9	72.1	91.0	114.6	139.5	168.0	196.6
57.5°	0.0	13.2	26.8	42.8	59.5	79.4	101.7	127.3	156.1	187.2	218.7
55°	0.0	14.0	29.0	46.2	65.1	86.3	112.4	139.8	172.7	206.1	240.5
52.5°	0.0	14.9	31.1	49.5	70.4	93.4	122.7	153.8	188.8	225.2	261.8
50°	0.0	15.7	33.2	52.7	75.6	101.8	132.8	167.6	204.7	243.7	282.8
47.5°	0.0	16.5	35.3	55.9	80.6	109.8	142.7	180.8	220.5	261.6	303.4
45°	0.0	17.3	37.2	59.5	85.3	117.6	153.5	193.5	236.0	279.5	323.3
42.5°	0.0	18.1	39.0	62.9	89.8	125.0	163.8	206.1	250.7	296.8	340.4
40°	0.0	18.8	40.8	66.0	94.8	132.1	173.6	218.4	265.1	313.5	356.4
37.5°	0.0	19.4	42.5	69.0	100.2	138.9	182.9	230.1	279.0	328.5	371.6
35°	0.0	20.1	44.1	71.8	105.3	145.8	191.6	241.2	292.0	341.2	385.4
32.5°	0.0	20.7	45.6	74.3	110.1	152.7	200.0	251.6	304.2	353.0	397.1
30°	0.0	21.2	47.0	76.7	114.6	159.0	208.2	261.3	315.5	364.1	408.1
27.5°	0.0	21.7	48.2	78.9	118.6	164.8	215.9	270.4	325.4	374.4	418.2
25°	0.0	22.2	49.4	80.8	122.4	170.1	222.9	278.7	333.7	383.1	427.5
22.5°	0.0	22.6	50.5	82.6	125.8	175.0	229.3	286.3	341.2	390.6	434.5
20°	0.0	23.0	51.5	84.1	128.9	179.4	235.1	292.9	347.9	397.3	440.8
17.5°	0.0	23.4	52.4	85.5	131.7	183.3	240.3	298.8	353.8	403.1	446.5
15°	0.0	23.7	53.1	86.6	134.1	186.8	244.9	303.8	358.9	408.2	451.5
12.5°	0.0	23.9	53.7	87.5	136.2	189.7	248.8	308.0	363.1	412.4	455.7
10°	0.0	24.1	54.3	88.2	138.0	192.0	252.0	311.3	366.4	415.7	459.1
7.5°	0.0	24.3	54.7	88.7	139.3	193.9	254.5	313.7	368.9	418.2	461.4
5°	0.0	24.4	55.0	89.0	140.3	195.2	256.3	315.3	370.6	419.8	462.9
2.5°	0.0	24.5	55.1	89.1	140.9	196.0	257.3	316.1	371.3	420.5	463.5
0°	0.0	24.5	55.2	89.0	141.1	196.3	257.7	316.0	371.2	420.3	463.2
-2.5°	0.0	24.5	55.1	89.1	140.9	196.0	257.3	316.1	371.3	420.5	463.5
-5°	0.0	24.4	55.0	89.0	140.3	195.2	256.3	315.3	370.6	419.8	462.9
-7.5°	0.0	24.3	54.7	88.7	139.3	193.9	254.5	313.7	368.9	418.2	461.4
-10°	0.0	24.1	54.3	88.2	138.0	192.0	252.0	311.3	366.4	415.7	459.1
-12.5°	0.0	23.9	53.7	87.5	136.2	189.7	248.8	308.0	363.1	412.4	455.7
-15°	0.0	23.7	53.1	86.6	134.1	186.8	244.9	303.8	358.9	408.2	451.5
-17.5°	0.0	23.4	52.4	85.5	131.7	183.3	240.3	298.8	353.8	403.1	446.5
-20°	0.0	23.0	51.5	84.1	128.9	179.4	235.1	292.9	347.9	397.3	440.8



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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	22.6	50.5	82.6	125.8	175.0	229.3	286.3	341.2	390.6	434.5
-25°	0.0	22.2	49.4	80.8	122.4	170.1	222.9	278.7	333.7	383.1	427.5
-27.5°	0.0	21.7	48.2	78.9	118.6	164.8	215.9	270.4	325.4	374.4	418.2
-30°	0.0	21.2	47.0	76.7	114.6	159.0	208.2	261.3	315.5	364.1	408.1
-32.5°	0.0	20.7	45.6	74.3	110.1	152.7	200.0	251.6	304.2	353.0	397.1
-35°	0.0	20.1	44.1	71.8	105.3	145.8	191.6	241.2	292.0	341.2	385.4
-37.5°	0.0	19.4	42.5	69.0	100.2	138.9	182.9	230.1	279.0	328.5	371.6
-40°	0.0	18.8	40.8	66.0	94.8	132.1	173.6	218.4	265.1	313.5	356.4
-42.5°	0.0	18.1	39.0	62.9	89.8	125.0	163.8	206.1	250.7	296.8	340.4
-45°	0.0	17.3	37.2	59.5	85.3	117.6	153.5	193.5	236.0	279.5	323.3
-47.5°	0.0	16.5	35.3	55.9	80.6	109.8	142.7	180.8	220.5	261.6	303.4
-50°	0.0	15.7	33.2	52.7	75.6	101.8	132.8	167.6	204.7	243.7	282.8
-52.5°	0.0	14.9	31.1	49.5	70.4	93.4	122.7	153.8	188.8	225.2	261.8
-55°	0.0	14.0	29.0	46.2	65.1	86.3	112.4	139.8	172.7	206.1	240.5
-57.5°	0.0	13.2	26.8	42.8	59.5	79.4	101.7	127.3	156.1	187.2	218.7
-60°	0.0	12.2	24.5	39.3	53.9	72.1	91.0	114.6	139.5	168.0	196.6
-62.5°	0.0	11.3	22.6	35.7	49.1	64.7	82.0	101.5	124.3	148.4	174.9
-65°	0.0	10.4	20.7	32.1	44.3	57.1	72.8	88.9	108.6	130.0	152.7
-67.5°	0.0	9.4	18.7	28.4	39.3	50.2	63.3	77.9	92.4	111.4	131.2
-70°	0.0	8.4	16.7	24.6	34.3	43.9	53.7	66.9	79.9	92.4	109.6
-72.5°	0.0	7.4	14.7	21.5	29.2	37.5	45.8	55.7	67.4	78.5	89.0
-75°	0.0	6.3	12.7	18.5	24.0	31.1	38.1	46.1	54.7	64.6	73.9
-77.5°	0.0	5.3	10.6	15.4	19.9	24.6	30.3	36.9	43.9	51.0	58.7
-80°	0.0	4.3	8.5	12.4	15.9	19.2	22.5	27.7	33.1	38.7	44.5
-82.5°	0.0	3.2	6.4	9.3	12.0	14.4	16.7	19.3	22.3	26.3	30.4
-85°	0.0	2.1	4.3	6.2	8.0	9.6	11.1	12.9	14.7	16.4	18.2
-87.5°	0.0	1.1	2.1	3.1	4.0	4.8	5.6	6.5	7.4	8.2	9.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.9	10.7	11.5	12.3	13.1	13.8	14.5	15.2	15.8	16.5	17.1
85°	19.8	21.5	23.6	25.5	27.3	28.9	30.4	31.6	33.5	35.3	37.2
82.5°	33.8	36.8	39.3	41.4	43.6	45.7	47.9	51.5	56.2	60.6	64.8
80°	48.7	52.1	57.0	62.4	68.1	73.6	78.9	83.9	89.4	95.4	101.5
77.5°	65.4	72.3	80.0	88.2	96.1	105.3	114.6	124.0	132.6	140.0	146.6
75°	82.8	92.2	104.9	117.7	129.8	141.8	154.0	165.9	176.2	185.8	195.5
72.5°	103.1	118.5	133.6	148.4	164.0	179.0	193.2	206.5	219.7	232.8	245.2
70°	127.4	144.9	163.2	181.8	199.9	216.5	233.0	249.6	265.9	280.7	293.8
67.5°	151.6	172.6	193.7	214.6	234.4	253.5	272.8	291.9	310.1	325.6	339.3
65°	176.5	200.0	223.6	246.2	267.8	290.1	311.9	332.9	350.1	364.4	378.2
62.5°	201.0	227.4	253.0	277.8	302.3	326.6	347.6	366.5	384.3	399.8	414.7
60°	225.9	254.7	282.4	309.7	335.5	357.8	379.3	398.2	416.0	433.1	445.7
57.5°	250.5	281.5	311.5	339.6	364.3	387.3	407.9	427.9	443.3	457.0	470.8
55°	274.6	307.8	338.8	366.4	391.5	413.6	434.4	451.1	466.5	479.4	492.8
52.5°	298.3	333.0	363.6	391.5	415.7	437.5	455.9	472.4	486.8	500.0	510.9
50°	321.4	355.4	387.3	413.6	437.7	458.1	475.4	491.3	505.2	517.2	527.2
47.5°	342.0	377.2	407.1	434.2	457.0	476.4	493.1	508.3	522.1	532.7	542.6
45°	361.2	395.8	426.3	452.0	474.4	492.6	508.8	524.5	536.0	546.5	554.1
42.5°	379.6	413.1	442.9	469.5	489.1	506.8	523.3	536.8	548.7	557.9	566.1
40°	395.2	429.8	458.3	482.4	502.6	519.5	534.6	548.2	559.9	569.0	577.8
37.5°	410.0	443.4	472.2	494.7	513.6	530.3	545.2	558.0	569.5	579.0	591.1
35°	424.2	456.3	483.0	505.0	523.4	539.8	554.1	567.2	578.5	591.6	605.5
32.5°	436.2	468.5	493.2	513.3	531.4	548.2	562.5	575.7	588.8	603.7	620.9
30°	446.4	477.5	502.1	520.9	538.9	554.8	570.2	584.4	598.8	616.6	639.0
27.5°	455.7	485.6	508.4	527.4	545.6	560.5	576.6	592.7	609.5	630.3	658.6
25°	464.3	493.1	514.1	533.3	550.3	565.8	582.4	598.9	620.0	647.4	684.4
22.5°	471.4	500.1	519.1	538.7	554.3	570.6	587.6	606.1	629.9	663.2	711.6
20°	477.1	504.3	523.3	542.8	557.5	574.8	592.2	612.4	640.8	684.2	740.2
17.5°	482.2	507.8	526.9	545.1	560.7	578.4	596.3	617.4	649.8	703.8	766.5
15°	486.7	510.7	529.7	547.1	563.5	581.2	600.1	624.0	661.8	722.7	790.3
12.5°	490.6	513.1	531.9	548.6	565.7	583.1	603.1	629.7	674.6	740.4	813.9
10°	493.9	514.9	533.5	549.6	567.3	584.2	605.6	633.5	683.6	750.3	827.9
7.5°	495.9	516.3	534.5	550.2	568.3	584.5	607.3	635.4	689.3	755.6	835.4
5°	497.0	517.4	535.8	551.3	569.4	585.3	608.8	635.7	691.6	756.6	838.3
2.5°	497.4	518.1	536.5	552.0	570.3	587.4	611.6	639.0	693.7	760.3	840.2
0°	497.0	518.4	536.8	552.2	570.6	589.0	613.5	641.1	693.3	763.9	840.5
-2.5°	497.4	518.1	536.5	552.0	570.3	587.4	611.6	639.0	693.7	760.3	840.2
-5°	497.0	517.4	535.8	551.3	569.4	585.3	608.8	635.7	691.6	756.6	838.3
-7.5°	495.9	516.3	534.5	550.2	568.3	584.5	607.3	635.4	689.3	755.6	835.4
-10°	493.9	514.9	533.5	549.6	567.3	584.2	605.6	633.5	683.6	750.3	827.9
-12.5°	490.6	513.1	531.9	548.6	565.7	583.1	603.1	629.7	674.6	740.4	813.9
-15°	486.7	510.7	529.7	547.1	563.5	581.2	600.1	624.0	661.8	722.7	790.3
-17.5°	482.2	507.8	526.9	545.1	560.7	578.4	596.3	617.4	649.8	703.8	766.5
-20°	477.1	504.3	523.3	542.8	557.5	574.8	592.2	612.4	640.8	684.2	740.2



REPORT NUMBER: P559224 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	471.4	500.1	519.1	538.7	554.3	570.6	587.6	606.1	629.9	663.2	711.6
-25°	464.3	493.1	514.1	533.3	550.3	565.8	582.4	598.9	620.0	647.4	684.4
-27.5°	455.7	485.6	508.4	527.4	545.6	560.5	576.6	592.7	609.5	630.3	658.6
-30°	446.4	477.5	502.1	520.9	538.9	554.8	570.2	584.4	598.8	616.6	639.0
-32.5°	436.2	468.5	493.2	513.3	531.4	548.2	562.5	575.7	588.8	603.7	620.9
-35°	424.2	456.3	483.0	505.0	523.4	539.8	554.1	567.2	578.5	591.6	605.5
-37.5°	410.0	443.4	472.2	494.7	513.6	530.3	545.2	558.0	569.5	579.0	591.1
-40°	395.2	429.8	458.3	482.4	502.6	519.5	534.6	548.2	559.9	569.0	577.8
-42.5°	379.6	413.1	442.9	469.5	489.1	506.8	523.3	536.8	548.7	557.9	566.1
-45°	361.2	395.8	426.3	452.0	474.4	492.6	508.8	524.5	536.0	546.5	554.1
-47.5°	342.0	377.2	407.1	434.2	457.0	476.4	493.1	508.3	522.1	532.7	542.6
-50°	321.4	355.4	387.3	413.6	437.7	458.1	475.4	491.3	505.2	517.2	527.2
-52.5°	298.3	333.0	363.6	391.5	415.7	437.5	455.9	472.4	486.8	500.0	510.9
-55°	274.6	307.8	338.8	366.4	391.5	413.6	434.4	451.1	466.5	479.4	492.8
-57.5°	250.5	281.5	311.5	339.6	364.3	387.3	407.9	427.9	443.3	457.0	470.8
-60°	225.9	254.7	282.4	309.7	335.5	357.8	379.3	398.2	416.0	433.1	445.7
-62.5°	201.0	227.4	253.0	277.8	302.3	326.6	347.6	366.5	384.3	399.8	414.7
-65°	176.5	200.0	223.6	246.2	267.8	290.1	311.9	332.9	350.1	364.4	378.2
-67.5°	151.6	172.6	193.7	214.6	234.4	253.5	272.8	291.9	310.1	325.6	339.3
-70°	127.4	144.9	163.2	181.8	199.9	216.5	233.0	249.6	265.9	280.7	293.8
-72.5°	103.1	118.5	133.6	148.4	164.0	179.0	193.2	206.5	219.7	232.8	245.2
-75°	82.8	92.2	104.9	117.7	129.8	141.8	154.0	165.9	176.2	185.8	195.5
-77.5°	65.4	72.3	80.0	88.2	96.1	105.3	114.6	124.0	132.6	140.0	146.6
-80°	48.7	52.1	57.0	62.4	68.1	73.6	78.9	83.9	89.4	95.4	101.5
-82.5°	33.8	36.8	39.3	41.4	43.6	45.7	47.9	51.5	56.2	60.6	64.8
-85°	19.8	21.5	23.6	25.5	27.3	28.9	30.4	31.6	33.5	35.3	37.2
-87.5°	9.9	10.7	11.5	12.3	13.1	13.8	14.5	15.2	15.8	16.5	17.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559224 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TS-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°	17.6	17.5	17.3	17.0	16.7	17.0	17.3	17.5	17.8	18.0	18.1
85°	39.1	40.7	42.4	44.1	45.8	47.0	48.1	49.1	49.9	50.6	51.2
82.5°	68.6	72.1	75.3	78.2	80.7	82.9	84.8	86.4	87.9	89.2	90.2
80°	107.0	112.3	117.4	122.0	126.3	129.8	132.7	135.1	137.1	139.2	141.0
77.5°	153.0	160.4	167.5	173.9	179.5	184.3	188.4	192.0	195.0	198.7	202.1
75°	205.1	214.0	222.1	229.5	236.3	242.4	247.9	252.6	256.7	260.7	264.1
72.5°	257.0	267.8	277.1	285.1	292.3	299.3	306.2	312.6	318.5	322.9	326.1
70°	306.0	317.0	327.0	336.1	344.5	353.3	362.1	370.3	377.8	382.6	385.4
67.5°	350.9	362.1	373.5	384.7	394.8	404.0	412.9	421.0	428.2	433.2	436.2
65°	391.4	403.8	416.1	427.7	438.3	446.1	454.2	461.9	469.0	474.8	479.1
62.5°	429.3	441.5	452.0	461.7	470.8	478.6	486.5	493.6	499.8	505.2	510.3
60°	458.3	470.7	480.9	489.9	498.4	506.1	512.4	517.7	521.9	525.3	528.5
57.5°	483.2	495.0	505.3	512.8	520.3	527.7	533.0	536.3	538.9	540.7	542.1
55°	504.6	514.1	522.7	531.0	538.3	544.7	549.5	551.6	553.0	553.7	554.4
52.5°	521.8	531.1	539.8	547.7	553.5	558.9	563.6	564.8	565.6	565.9	566.0
50°	537.5	546.6	553.6	560.2	566.1	571.0	575.0	576.9	578.0	578.2	577.6
47.5°	550.2	558.0	565.7	572.5	578.5	584.2	588.7	591.4	593.3	594.1	594.0
45°	561.3	570.5	578.6	586.6	593.6	601.0	607.3	611.5	615.8	618.8	620.2
42.5°	574.5	583.7	592.7	603.6	613.9	623.4	633.8	643.0	652.5	662.7	669.6
40°	587.9	597.8	611.8	625.0	639.8	653.2	675.2	697.1	713.7	727.9	740.7
37.5°	603.2	617.6	634.4	651.4	675.7	700.7	728.4	755.5	779.2	800.5	817.8
35°	620.8	640.3	660.7	691.0	721.8	752.8	785.9	822.0	852.6	875.0	891.1
32.5°	642.3	666.8	699.7	738.4	776.2	816.3	856.3	896.5	926.7	957.9	989.3
30°	666.2	701.5	744.0	791.1	838.3	886.2	936.4	992.2	1045.3	1102.4	1184.1
27.5°	696.7	739.7	789.6	845.3	902.1	959.2	1046.7	1142.6	1284.9	1398.6	1591.5
25°	729.2	779.6	839.1	903.5	973.0	1075.3	1235.4	1424.6	1759.9	2019.9	2414.4
22.5°	765.4	824.7	890.4	964.6	1076.5	1269.5	1543.4	2029.2	2705.4	3373.1	4115.7
20°	801.2	866.7	938.8	1050.9	1241.2	1546.4	2139.5	3190.0	4363.4	6034.0	7436.2
17.5°	835.1	904.7	996.1	1147.8	1432.7	2046.5	3195.1	4994.6	7445.3	10138.2	12383.9
15°	864.8	936.0	1059.0	1299.3	1780.7	2736.6	4471.0	7533.6	11651.3	15338.4	18627.0
12.5°	889.9	974.3	1127.3	1421.6	2083.0	3497.8	6280.0	10628.9	15657.2	20828.1	24989.9
10°	908.2	1014.9	1218.4	1647.9	2563.1	4403.8	7787.8	13273.5	19327.8	25612.6	33136.1
7.5°	919.3	1044.0	1287.6	1816.0	2991.3	5412.6	9679.1	15634.7	22587.2	31166.7	42661.5
5°	927.2	1063.6	1338.8	1942.5	3277.4	6079.4	10873.3	17423.7	25399.5	37804.9	61462.0
2.5°	931.0	1072.3	1367.9	2011.9	3407.9	6422.3	11713.7	18448.0	27110.6	42487.8	74486.0
0°	929.5	1067.6	1371.3	2027.7	3426.6	6684.5	11853.5	18740.4	27688.8	42907.6	78661.3
-2.5°	931.0	1072.3	1367.9	2011.9	3407.9	6422.3	11713.7	18448.0	27110.6	42487.8	74486.0
-5°	927.2	1063.6	1338.8	1942.5	3277.4	6079.4	10873.3	17423.7	25399.5	37804.9	61462.0
-7.5°	919.3	1044.0	1287.6	1816.0	2991.3	5412.6	9679.1	15634.7	22587.2	31166.7	42661.5
-10°	908.2	1014.9	1218.4	1647.9	2563.1	4403.8	7787.8	13273.5	19327.8	25612.6	33136.1
-12.5°	889.9	974.3	1127.3	1421.6	2083.0	3497.8	6280.0	10628.9	15657.2	20828.1	24989.9
-15°	864.8	936.0	1059.0	1299.3	1780.7	2736.6	4471.0	7533.6	11651.3	15338.4	18627.0
-17.5°	835.1	904.7	996.1	1147.8	1432.7	2046.5	3195.1	4994.6	7445.3	10138.2	12383.9
-20°	801.2	866.7	938.8	1050.9	1241.2	1546.4	2139.5	3190.0	4363.4	6034.0	7436.2



REPORT NUMBER: P559224 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	765.4	824.7	890.4	964.6	1076.5	1269.5	1543.4	2029.2	2705.4	3373.1	4115.7
-25°	729.2	779.6	839.1	903.5	973.0	1075.3	1235.4	1424.6	1759.9	2019.9	2414.4
-27.5°	696.7	739.7	789.6	845.3	902.1	959.2	1046.7	1142.6	1284.9	1398.6	1591.5
-30°	666.2	701.5	744.0	791.1	838.3	886.2	936.4	992.2	1045.3	1102.4	1184.1
-32.5°	642.3	666.8	699.7	738.4	776.2	816.3	856.3	896.5	926.7	957.9	989.3
-35°	620.8	640.3	660.7	691.0	721.8	752.8	785.9	822.0	852.6	875.0	891.1
-37.5°	603.2	617.6	634.4	651.4	675.7	700.7	728.4	755.5	779.2	800.5	817.8
-40°	587.9	597.8	611.8	625.0	639.8	653.2	675.2	697.1	713.7	727.9	740.7
-42.5°	574.5	583.7	592.7	603.6	613.9	623.4	633.8	643.0	652.5	662.7	669.6
-45°	561.3	570.5	578.6	586.6	593.6	601.0	607.3	611.5	615.8	618.8	620.2
-47.5°	550.2	558.0	565.7	572.5	578.5	584.2	588.7	591.4	593.3	594.1	594.0
-50°	537.5	546.6	553.6	560.2	566.1	571.0	575.0	576.9	578.0	578.2	577.6
-52.5°	521.8	531.1	539.8	547.7	553.5	558.9	563.6	564.8	565.6	565.9	566.0
-55°	504.6	514.1	522.7	531.0	538.3	544.7	549.5	551.6	553.0	553.7	554.4
-57.5°	483.2	495.0	505.3	512.8	520.3	527.7	533.0	536.3	538.9	540.7	542.1
-60°	458.3	470.7	480.9	489.9	498.4	506.1	512.4	517.7	521.9	525.3	528.5
-62.5°	429.3	441.5	452.0	461.7	470.8	478.6	486.5	493.6	499.8	505.2	510.3
-65°	391.4	403.8	416.1	427.7	438.3	446.1	454.2	461.9	469.0	474.8	479.1
-67.5°	350.9	362.1	373.5	384.7	394.8	404.0	412.9	421.0	428.2	433.2	436.2
-70°	306.0	317.0	327.0	336.1	344.5	353.3	362.1	370.3	377.8	382.6	385.4
-72.5°	257.0	267.8	277.1	285.1	292.3	299.3	306.2	312.6	318.5	322.9	326.1
-75°	205.1	214.0	222.1	229.5	236.3	242.4	247.9	252.6	256.7	260.7	264.1
-77.5°	153.0	160.4	167.5	173.9	179.5	184.3	188.4	192.0	195.0	198.7	202.1
-80°	107.0	112.3	117.4	122.0	126.3	129.8	132.7	135.1	137.1	139.2	141.0
-82.5°	68.6	72.1	75.3	78.2	80.7	82.9	84.8	86.4	87.9	89.2	90.2
-85°	39.1	40.7	42.4	44.1	45.8	47.0	48.1	49.1	49.9	50.6	51.2
-87.5°	17.6	17.5	17.3	17.0	16.7	17.0	17.3	17.5	17.8	18.0	18.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559224 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TS-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°	18.2	18.3	18.4	18.4	18.4	18.3	18.2	18.1	18.0	17.8	17.5
85°	51.6	51.9	52.1	52.2	52.1	51.9	51.6	51.2	50.6	49.9	49.1
82.5°	91.0	91.5	91.9	92.0	91.9	91.5	91.0	90.2	89.2	87.9	86.4
80°	142.4	143.4	144.0	144.2	144.0	143.4	142.4	141.0	139.2	137.1	135.1
77.5°	205.0	207.3	208.3	208.6	208.3	207.3	205.0	202.1	198.7	195.0	192.0
75°	266.7	268.6	269.6	270.0	269.6	268.6	266.7	264.1	260.7	256.7	252.6
72.5°	328.3	329.7	332.3	334.4	332.3	329.7	328.3	326.1	322.9	318.5	312.6
70°	387.2	387.9	390.6	392.7	390.6	387.9	387.2	385.4	382.6	377.8	370.3
67.5°	438.5	439.9	439.9	438.7	439.9	439.9	438.5	436.2	433.2	428.2	421.0
65°	482.8	485.8	485.9	484.7	485.9	485.8	482.8	479.1	474.8	469.0	461.9
62.5°	515.1	519.4	521.1	521.5	521.1	519.4	515.1	510.3	505.2	499.8	493.6
60°	531.0	532.9	533.6	533.8	533.6	532.9	531.0	528.5	525.3	521.9	517.7
57.5°	542.7	542.7	542.9	543.0	542.9	542.7	542.7	542.1	540.7	538.9	536.3
55°	554.8	554.8	553.9	552.2	553.9	554.8	554.8	554.4	553.7	553.0	551.6
52.5°	565.6	564.6	563.2	561.4	563.2	564.6	565.6	566.0	565.9	565.6	564.8
50°	576.3	574.4	573.5	573.7	573.5	574.4	576.3	577.6	578.2	578.0	576.9
47.5°	593.5	592.3	591.7	592.1	591.7	592.3	593.5	594.0	594.1	593.3	591.4
45°	620.8	619.7	619.1	619.7	619.1	619.7	620.8	620.2	618.8	615.8	611.5
42.5°	673.4	673.9	673.6	674.9	673.6	673.9	673.4	669.6	662.7	652.5	643.0
40°	745.8	745.4	742.9	742.4	742.9	745.4	745.8	740.7	727.9	713.7	697.1
37.5°	824.9	824.9	822.4	822.1	822.4	824.9	824.9	817.8	800.5	779.2	755.5
35°	899.5	902.3	901.7	898.8	901.7	902.3	899.5	891.1	875.0	852.6	822.0
32.5°	1011.5	1028.6	1037.6	1033.8	1037.6	1028.6	1011.5	989.3	957.9	926.7	896.5
30°	1235.4	1279.5	1302.8	1313.0	1302.8	1279.5	1235.4	1184.1	1102.4	1045.3	992.2
27.5°	1729.6	1827.1	1870.9	1886.6	1870.9	1827.1	1729.6	1591.5	1398.6	1284.9	1142.6
25°	2759.1	2979.4	3088.0	3122.9	3088.0	2979.4	2759.1	2414.4	2019.9	1759.9	1424.6
22.5°	4933.6	5357.7	5647.8	5712.0	5647.8	5357.7	4933.6	4115.7	3373.1	2705.4	2029.2
20°	8845.9	9666.2	10111.2	10071.2	10111.2	9666.2	8845.9	7436.2	6034.0	4363.4	3190.0
17.5°	14292.8	15344.7	15845.5	15611.4	15845.5	15344.7	14292.8	12383.9	10138.2	7445.3	4994.6
15°	20952.8	22373.9	22993.7	23185.5	22993.7	22373.9	20952.8	18627.0	15338.4	11651.3	7533.6
12.5°	29144.4	33803.2	36031.1	36628.0	36031.1	33803.2	29144.4	24989.9	20828.1	15657.2	10628.9
10°	40831.5	56491.6	65806.5	68080.9	65806.5	56491.6	40831.5	33136.1	25612.6	19327.8	13273.5
7.5°	66681.4	98504.1	134152.8	151033.9	134152.8	98504.1	66681.4	42661.5	31166.7	22587.2	15634.7
5°	101688.8	176489.2	259026.9	291383.1	259026.9	176489.2	101688.8	61462.0	37804.9	25399.5	17423.7
2.5°	144246.4	266485.1	380532.0	423046.3	380532.0	266485.1	144246.4	74486.0	42487.8	27110.6	18448.0
0°	162226.4	307227.7	419263.8	455681.7	419263.8	307227.7	162226.4	78661.3	42907.6	27688.8	18740.4
-2.5°	144246.4	266485.1	380532.0	423046.2	380532.0	266485.1	144246.4	74486.0	42487.8	27110.6	18448.0
-5°	101688.8	176489.2	259026.9	291383.1	259026.9	176489.2	101688.8	61462.0	37804.9	25399.5	17423.7
-7.5°	66681.4	98504.1	134152.8	151033.9	134152.8	98504.1	66681.4	42661.5	31166.7	22587.2	15634.7
-10°	40831.5	56491.6	65806.5	68080.9	65806.5	56491.6	40831.5	33136.1	25612.6	19327.8	13273.5
-12.5°	29144.4	33803.2	36031.1	36628.0	36031.1	33803.2	29144.4	24989.9	20828.1	15657.2	10628.9
-15°	20952.8	22373.9	22993.7	23185.5	22993.7	22373.9	20952.8	18627.0	15338.4	11651.3	7533.6
-17.5°	14292.8	15344.7	15845.5	15611.4	15845.5	15344.7	14292.8	12383.9	10138.2	7445.3	4994.6
-20°	8845.9	9666.2	10111.2	10071.2	10111.2	9666.2	8845.9	7436.2	6034.0	4363.4	3190.0



REPORT NUMBER: P559224 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4933.6	5357.7	5647.8	5712.0	5647.8	5357.7	4933.6	4115.7	3373.1	2705.4	2029.2
-25°	2759.1	2979.4	3088.0	3122.9	3088.0	2979.4	2759.1	2414.4	2019.9	1759.9	1424.6
-27.5°	1729.6	1827.1	1870.9	1886.6	1870.9	1827.1	1729.6	1591.5	1398.6	1284.9	1142.6
-30°	1235.4	1279.5	1302.8	1313.0	1302.8	1279.5	1235.4	1184.1	1102.4	1045.3	992.2
-32.5°	1011.5	1028.6	1037.6	1033.8	1037.6	1028.6	1011.5	989.3	957.9	926.7	896.5
-35°	899.5	902.3	901.7	898.8	901.7	902.3	899.5	891.1	875.0	852.6	822.0
-37.5°	824.9	824.9	822.4	822.1	822.4	824.9	824.9	817.8	800.5	779.2	755.5
-40°	745.8	745.4	742.9	742.4	742.9	745.4	745.8	740.7	727.9	713.7	697.1
-42.5°	673.4	673.9	673.6	674.9	673.6	673.9	673.4	669.6	662.7	652.5	643.0
-45°	620.8	619.7	619.1	619.7	619.1	619.7	620.8	620.2	618.8	615.8	611.5
-47.5°	593.5	592.3	591.7	592.1	591.7	592.3	593.5	594.0	594.1	593.3	591.4
-50°	576.3	574.4	573.5	573.7	573.5	574.4	576.3	577.6	578.2	578.0	576.9
-52.5°	565.6	564.6	563.2	561.4	563.2	564.6	565.6	566.0	565.9	565.6	564.8
-55°	554.8	554.8	553.9	552.2	553.9	554.8	554.8	554.4	553.7	553.0	551.6
-57.5°	542.7	542.7	542.9	543.0	542.9	542.7	542.7	542.1	540.7	538.9	536.3
-60°	531.0	532.9	533.6	533.8	533.6	532.9	531.0	528.5	525.3	521.9	517.7
-62.5°	515.1	519.4	521.1	521.5	521.1	519.4	515.1	510.3	505.2	499.8	493.6
-65°	482.8	485.8	485.9	484.7	485.9	485.8	482.8	479.1	474.8	469.0	461.9
-67.5°	438.5	439.9	439.9	438.7	439.9	439.9	438.5	436.2	433.2	428.2	421.0
-70°	387.2	387.9	390.6	392.7	390.6	387.9	387.2	385.4	382.6	377.8	370.3
-72.5°	328.3	329.7	332.3	334.4	332.3	329.7	328.3	326.1	322.9	318.5	312.6
-75°	266.7	268.6	269.6	270.0	269.6	268.6	266.7	264.1	260.7	256.7	252.6
-77.5°	205.0	207.3	208.3	208.6	208.3	207.3	205.0	202.1	198.7	195.0	192.0
-80°	142.4	143.4	144.0	144.2	144.0	143.4	142.4	141.0	139.2	137.1	135.1
-82.5°	91.0	91.5	91.9	92.0	91.9	91.5	91.0	90.2	89.2	87.9	86.4
-85°	51.6	51.9	52.1	52.2	52.1	51.9	51.6	51.2	50.6	49.9	49.1
-87.5°	18.2	18.3	18.4	18.4	18.4	18.3	18.2	18.1	18.0	17.8	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



REPORT NUMBER: P559224 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.3	17.0	16.7	17.0	17.3	17.5	17.6	17.1	16.5	15.8	15.2
85°	48.1	47.0	45.8	44.1	42.4	40.7	39.1	37.2	35.3	33.5	31.6
82.5°	84.8	82.9	80.7	78.2	75.3	72.1	68.6	64.8	60.6	56.2	51.5
80°	132.7	129.8	126.3	122.0	117.4	112.3	107.0	101.5	95.4	89.4	83.9
77.5°	188.4	184.3	179.5	173.9	167.5	160.4	153.0	146.6	140.0	132.6	124.0
75°	247.9	242.4	236.3	229.5	222.1	214.0	205.1	195.5	185.8	176.2	165.9
72.5°	306.2	299.3	292.3	285.1	277.1	267.8	257.0	245.2	232.8	219.7	206.5
70°	362.1	353.3	344.5	336.1	327.0	317.0	306.0	293.8	280.7	265.9	249.6
67.5°	412.9	404.0	394.8	384.7	373.5	362.1	350.9	339.3	325.6	310.1	291.9
65°	454.2	446.1	438.3	427.7	416.1	403.8	391.4	378.2	364.4	350.1	332.9
62.5°	486.5	478.6	470.8	461.7	452.0	441.5	429.3	414.7	399.8	384.3	366.5
60°	512.4	506.1	498.4	489.9	480.9	470.7	458.3	445.7	433.1	416.0	398.2
57.5°	533.0	527.7	520.3	512.8	505.3	495.0	483.2	470.8	457.0	443.3	427.9
55°	549.5	544.7	538.3	531.0	522.7	514.1	504.6	492.8	479.4	466.5	451.1
52.5°	563.6	558.9	553.5	547.7	539.8	531.1	521.8	510.9	500.0	486.8	472.4
50°	575.0	571.0	566.1	560.2	553.6	546.6	537.5	527.2	517.2	505.2	491.3
47.5°	588.7	584.2	578.5	572.5	565.7	558.0	550.2	542.6	532.7	522.1	508.3
45°	607.3	601.0	593.6	586.6	578.6	570.5	561.3	554.1	546.5	536.0	524.5
42.5°	633.8	623.4	613.9	603.6	592.7	583.7	574.5	566.1	557.9	548.7	536.8
40°	675.2	653.2	639.8	625.0	611.8	597.8	587.9	577.8	569.0	559.9	548.2
37.5°	728.4	700.7	675.7	651.4	634.4	617.6	603.2	591.1	579.0	569.5	558.0
35°	785.9	752.8	721.8	691.0	660.7	640.3	620.8	605.5	591.6	578.5	567.2
32.5°	856.3	816.3	776.2	738.4	699.7	666.8	642.3	620.9	603.7	588.8	575.7
30°	936.4	886.2	838.3	791.1	744.0	701.5	666.2	639.0	616.6	598.8	584.4
27.5°	1046.7	959.2	902.1	845.3	789.6	739.7	696.7	658.6	630.3	609.5	592.7
25°	1235.4	1075.3	973.0	903.5	839.1	779.6	729.2	684.4	647.4	620.0	598.9
22.5°	1543.4	1269.5	1076.5	964.6	890.4	824.7	765.4	711.6	663.2	629.9	606.1
20°	2139.5	1546.4	1241.2	1050.9	938.8	866.7	801.2	740.2	684.2	640.8	612.4
17.5°	3195.1	2046.5	1432.7	1147.8	996.1	904.7	835.1	766.5	703.8	649.8	617.4
15°	4471.0	2736.6	1780.7	1299.3	1059.0	936.0	864.8	790.3	722.7	661.8	624.0
12.5°	6280.0	3497.8	2083.0	1421.6	1127.3	974.3	889.9	813.9	740.4	674.6	629.7
10°	7787.8	4403.8	2563.1	1647.9	1218.4	1014.9	908.2	827.9	750.3	683.6	633.5
7.5°	9679.1	5412.6	2991.3	1816.0	1287.6	1044.0	919.3	835.4	755.6	689.3	635.4
5°	10873.3	6079.4	3277.4	1942.5	1338.8	1063.6	927.2	838.3	756.6	691.6	635.7
2.5°	11713.7	6422.3	3407.9	2011.9	1367.9	1072.3	931.0	840.2	760.3	693.7	639.0
0°	11853.5	6684.5	3426.6	2027.7	1371.3	1067.6	929.5	840.5	763.9	693.3	641.1
-2.5°	11713.7	6422.3	3407.9	2011.9	1367.9	1072.3	931.0	840.2	760.3	693.7	639.0
-5°	10873.3	6079.4	3277.4	1942.5	1338.8	1063.6	927.2	838.3	756.6	691.6	635.7
-7.5°	9679.1	5412.6	2991.3	1816.0	1287.6	1044.0	919.3	835.4	755.6	689.3	635.4
-10°	7787.8	4403.8	2563.1	1647.9	1218.4	1014.9	908.2	827.9	750.3	683.6	633.5
-12.5°	6280.0	3497.8	2083.0	1421.6	1127.3	974.3	889.9	813.9	740.4	674.6	629.7
-15°	4471.0	2736.6	1780.7	1299.3	1059.0	936.0	864.8	790.3	722.7	661.8	624.0
-17.5°	3195.1	2046.5	1432.7	1147.8	996.1	904.7	835.1	766.5	703.8	649.8	617.4
-20°	2139.5	1546.4	1241.2	1050.9	938.8	866.7	801.2	740.2	684.2	640.8	612.4



REPORT NUMBER: P559224 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1543.4	1269.5	1076.5	964.6	890.4	824.7	765.4	711.6	663.2	629.9	606.1
-25°	1235.4	1075.3	973.0	903.5	839.1	779.6	729.2	684.4	647.4	620.0	598.9
-27.5°	1046.7	959.2	902.1	845.3	789.6	739.7	696.7	658.6	630.3	609.5	592.7
-30°	936.4	886.2	838.3	791.1	744.0	701.5	666.2	639.0	616.6	598.8	584.4
-32.5°	856.3	816.3	776.2	738.4	699.7	666.8	642.3	620.9	603.7	588.8	575.7
-35°	785.9	752.8	721.8	691.0	660.7	640.3	620.8	605.5	591.6	578.5	567.2
-37.5°	728.4	700.7	675.7	651.4	634.4	617.6	603.2	591.1	579.0	569.5	558.0
-40°	675.2	653.2	639.8	625.0	611.8	597.8	587.9	577.8	569.0	559.9	548.2
-42.5°	633.8	623.4	613.9	603.6	592.7	583.7	574.5	566.1	557.9	548.7	536.8
-45°	607.3	601.0	593.6	586.6	578.6	570.5	561.3	554.1	546.5	536.0	524.5
-47.5°	588.7	584.2	578.5	572.5	565.7	558.0	550.2	542.6	532.7	522.1	508.3
-50°	575.0	571.0	566.1	560.2	553.6	546.6	537.5	527.2	517.2	505.2	491.3
-52.5°	563.6	558.9	553.5	547.7	539.8	531.1	521.8	510.9	500.0	486.8	472.4
-55°	549.5	544.7	538.3	531.0	522.7	514.1	504.6	492.8	479.4	466.5	451.1
-57.5°	533.0	527.7	520.3	512.8	505.3	495.0	483.2	470.8	457.0	443.3	427.9
-60°	512.4	506.1	498.4	489.9	480.9	470.7	458.3	445.7	433.1	416.0	398.2
-62.5°	486.5	478.6	470.8	461.7	452.0	441.5	429.3	414.7	399.8	384.3	366.5
-65°	454.2	446.1	438.3	427.7	416.1	403.8	391.4	378.2	364.4	350.1	332.9
-67.5°	412.9	404.0	394.8	384.7	373.5	362.1	350.9	339.3	325.6	310.1	291.9
-70°	362.1	353.3	344.5	336.1	327.0	317.0	306.0	293.8	280.7	265.9	249.6
-72.5°	306.2	299.3	292.3	285.1	277.1	267.8	257.0	245.2	232.8	219.7	206.5
-75°	247.9	242.4	236.3	229.5	222.1	214.0	205.1	195.5	185.8	176.2	165.9
-77.5°	188.4	184.3	179.5	173.9	167.5	160.4	153.0	146.6	140.0	132.6	124.0
-80°	132.7	129.8	126.3	122.0	117.4	112.3	107.0	101.5	95.4	89.4	83.9
-82.5°	84.8	82.9	80.7	78.2	75.3	72.1	68.6	64.8	60.6	56.2	51.5
-85°	48.1	47.0	45.8	44.1	42.4	40.7	39.1	37.2	35.3	33.5	31.6
-87.5°	17.3	17.0	16.7	17.0	17.3	17.5	17.6	17.1	16.5	15.8	15.2
-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: P559224 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TS-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°	14.5	13.8	13.1	12.3	11.5	10.7	9.9	9.1	8.2	7.4	6.5
85°	30.4	28.9	27.3	25.5	23.6	21.5	19.8	18.2	16.4	14.7	12.9
82.5°	47.9	45.7	43.6	41.4	39.3	36.8	33.8	30.4	26.3	22.3	19.3
80°	78.9	73.6	68.1	62.4	57.0	52.1	48.7	44.5	38.7	33.1	27.7
77.5°	114.6	105.3	96.1	88.2	80.0	72.3	65.4	58.7	51.0	43.9	36.9
75°	154.0	141.8	129.8	117.7	104.9	92.2	82.8	73.9	64.6	54.7	46.1
72.5°	193.2	179.0	164.0	148.4	133.6	118.5	103.1	89.0	78.5	67.4	55.7
70°	233.0	216.5	199.9	181.8	163.2	144.9	127.4	109.6	92.4	79.9	66.9
67.5°	272.8	253.5	234.4	214.6	193.7	172.6	151.6	131.2	111.4	92.4	77.9
65°	311.9	290.1	267.8	246.2	223.6	200.0	176.5	152.7	130.0	108.6	88.9
62.5°	347.6	326.6	302.3	277.8	253.0	227.4	201.0	174.9	148.4	124.3	101.5
60°	379.3	357.8	335.5	309.7	282.4	254.7	225.9	196.6	168.0	139.5	114.6
57.5°	407.9	387.3	364.3	339.6	311.5	281.5	250.5	218.7	187.2	156.1	127.3
55°	434.4	413.6	391.5	366.4	338.8	307.8	274.6	240.5	206.1	172.7	139.8
52.5°	455.9	437.5	415.7	391.5	363.6	333.0	298.3	261.8	225.2	188.8	153.8
50°	475.4	458.1	437.7	413.6	387.3	355.4	321.4	282.8	243.7	204.7	167.6
47.5°	493.1	476.4	457.0	434.2	407.1	377.2	342.0	303.4	261.6	220.5	180.8
45°	508.8	492.6	474.4	452.0	426.3	395.8	361.2	323.3	279.5	236.0	193.5
42.5°	523.3	506.8	489.1	469.5	442.9	413.1	379.6	340.4	296.8	250.7	206.1
40°	534.6	519.5	502.6	482.4	458.3	429.8	395.2	356.4	313.5	265.1	218.4
37.5°	545.2	530.3	513.6	494.7	472.2	443.4	410.0	371.6	328.5	279.0	230.1
35°	554.1	539.8	523.4	505.0	483.0	456.3	424.2	385.4	341.2	292.0	241.2
32.5°	562.5	548.2	531.4	513.3	493.2	468.5	436.2	397.1	353.0	304.2	251.6
30°	570.2	554.8	538.9	520.9	502.1	477.5	446.4	408.1	364.1	315.5	261.3
27.5°	576.6	560.5	545.6	527.4	508.4	485.6	455.7	418.2	374.4	325.4	270.4
25°	582.4	565.8	550.3	533.3	514.1	493.1	464.3	427.5	383.1	333.7	278.7
22.5°	587.6	570.6	554.3	538.7	519.1	500.1	471.4	434.5	390.6	341.2	286.3
20°	592.2	574.8	557.5	542.8	523.3	504.3	477.1	440.8	397.3	347.9	292.9
17.5°	596.3	578.4	560.7	545.1	526.9	507.8	482.2	446.5	403.1	353.8	298.8
15°	600.1	581.2	563.5	547.1	529.7	510.7	486.7	451.5	408.2	358.9	303.8
12.5°	603.1	583.1	565.7	548.6	531.9	513.1	490.6	455.7	412.4	363.1	308.0
10°	605.6	584.2	567.3	549.6	533.5	514.9	493.9	459.1	415.7	366.4	311.3
7.5°	607.3	584.5	568.3	550.2	534.5	516.3	495.9	461.4	418.2	368.9	313.7
5°	608.8	585.3	569.4	551.3	535.8	517.4	497.0	462.9	419.8	370.6	315.3
2.5°	611.6	587.4	570.3	552.0	536.5	518.1	497.4	463.5	420.5	371.3	316.1
0°	613.5	589.0	570.6	552.2	536.8	518.4	497.0	463.2	420.3	371.2	316.0
-2.5°	611.6	587.4	570.3	552.0	536.5	518.1	497.4	463.5	420.5	371.3	316.1
-5°	608.8	585.3	569.4	551.3	535.8	517.4	497.0	462.9	419.8	370.6	315.3
-7.5°	607.3	584.5	568.3	550.2	534.5	516.3	495.9	461.4	418.2	368.9	313.7
-10°	605.6	584.2	567.3	549.6	533.5	514.9	493.9	459.1	415.7	366.4	311.3
-12.5°	603.1	583.1	565.7	548.6	531.9	513.1	490.6	455.7	412.4	363.1	308.0
-15°	600.1	581.2	563.5	547.1	529.7	510.7	486.7	451.5	408.2	358.9	303.8
-17.5°	596.3	578.4	560.7	545.1	526.9	507.8	482.2	446.5	403.1	353.8	298.8
-20°	592.2	574.8	557.5	542.8	523.3	504.3	477.1	440.8	397.3	347.9	292.9



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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°	587.6	570.6	554.3	538.7	519.1	500.1	471.4	434.5	390.6	341.2	286.3
-25°	582.4	565.8	550.3	533.3	514.1	493.1	464.3	427.5	383.1	333.7	278.7
-27.5°	576.6	560.5	545.6	527.4	508.4	485.6	455.7	418.2	374.4	325.4	270.4
-30°	570.2	554.8	538.9	520.9	502.1	477.5	446.4	408.1	364.1	315.5	261.3
-32.5°	562.5	548.2	531.4	513.3	493.2	468.5	436.2	397.1	353.0	304.2	251.6
-35°	554.1	539.8	523.4	505.0	483.0	456.3	424.2	385.4	341.2	292.0	241.2
-37.5°	545.2	530.3	513.6	494.7	472.2	443.4	410.0	371.6	328.5	279.0	230.1
-40°	534.6	519.5	502.6	482.4	458.3	429.8	395.2	356.4	313.5	265.1	218.4
-42.5°	523.3	506.8	489.1	469.5	442.9	413.1	379.6	340.4	296.8	250.7	206.1
-45°	508.8	492.6	474.4	452.0	426.3	395.8	361.2	323.3	279.5	236.0	193.5
-47.5°	493.1	476.4	457.0	434.2	407.1	377.2	342.0	303.4	261.6	220.5	180.8
-50°	475.4	458.1	437.7	413.6	387.3	355.4	321.4	282.8	243.7	204.7	167.6
-52.5°	455.9	437.5	415.7	391.5	363.6	333.0	298.3	261.8	225.2	188.8	153.8
-55°	434.4	413.6	391.5	366.4	338.8	307.8	274.6	240.5	206.1	172.7	139.8
-57.5°	407.9	387.3	364.3	339.6	311.5	281.5	250.5	218.7	187.2	156.1	127.3
-60°	379.3	357.8	335.5	309.7	282.4	254.7	225.9	196.6	168.0	139.5	114.6
-62.5°	347.6	326.6	302.3	277.8	253.0	227.4	201.0	174.9	148.4	124.3	101.5
-65°	311.9	290.1	267.8	246.2	223.6	200.0	176.5	152.7	130.0	108.6	88.9
-67.5°	272.8	253.5	234.4	214.6	193.7	172.6	151.6	131.2	111.4	92.4	77.9
-70°	233.0	216.5	199.9	181.8	163.2	144.9	127.4	109.6	92.4	79.9	66.9
-72.5°	193.2	179.0	164.0	148.4	133.6	118.5	103.1	89.0	78.5	67.4	55.7
-75°	154.0	141.8	129.8	117.7	104.9	92.2	82.8	73.9	64.6	54.7	46.1
-77.5°	114.6	105.3	96.1	88.2	80.0	72.3	65.4	58.7	51.0	43.9	36.9
-80°	78.9	73.6	68.1	62.4	57.0	52.1	48.7	44.5	38.7	33.1	27.7
-82.5°	47.9	45.7	43.6	41.4	39.3	36.8	33.8	30.4	26.3	22.3	19.3
-85°	30.4	28.9	27.3	25.5	23.6	21.5	19.8	18.2	16.4	14.7	12.9
-87.5°	14.5	13.8	13.1	12.3	11.5	10.7	9.9	9.1	8.2	7.4	6.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.6	4.8	4.0	3.1	2.1	1.1	0.0
85°	11.1	9.6	8.0	6.2	4.3	2.1	0.0
82.5°	16.7	14.4	12.0	9.3	6.4	3.2	0.0
80°	22.5	19.2	15.9	12.4	8.5	4.3	0.0
77.5°	30.3	24.6	19.9	15.4	10.6	5.3	0.0
75°	38.1	31.1	24.0	18.5	12.7	6.3	0.0
72.5°	45.8	37.5	29.2	21.5	14.7	7.4	0.0
70°	53.7	43.9	34.3	24.6	16.7	8.4	0.0
67.5°	63.3	50.2	39.3	28.4	18.7	9.4	0.0
65°	72.8	57.1	44.3	32.1	20.7	10.4	0.0
62.5°	82.0	64.7	49.1	35.7	22.6	11.3	0.0
60°	91.0	72.1	53.9	39.3	24.5	12.2	0.0
57.5°	101.7	79.4	59.5	42.8	26.8	13.2	0.0
55°	112.4	86.3	65.1	46.2	29.0	14.0	0.0
52.5°	122.7	93.4	70.4	49.5	31.1	14.9	0.0
50°	132.8	101.8	75.6	52.7	33.2	15.7	0.0
47.5°	142.7	109.8	80.6	55.9	35.3	16.5	0.0
45°	153.5	117.6	85.3	59.5	37.2	17.3	0.0
42.5°	163.8	125.0	89.8	62.9	39.0	18.1	0.0
40°	173.6	132.1	94.8	66.0	40.8	18.8	0.0
37.5°	182.9	138.9	100.2	69.0	42.5	19.4	0.0
35°	191.6	145.8	105.3	71.8	44.1	20.1	0.0
32.5°	200.0	152.7	110.1	74.3	45.6	20.7	0.0
30°	208.2	159.0	114.6	76.7	47.0	21.2	0.0
27.5°	215.9	164.8	118.6	78.9	48.2	21.7	0.0
25°	222.9	170.1	122.4	80.8	49.4	22.2	0.0
22.5°	229.3	175.0	125.8	82.6	50.5	22.6	0.0
20°	235.1	179.4	128.9	84.1	51.5	23.0	0.0
17.5°	240.3	183.3	131.7	85.5	52.4	23.4	0.0
15°	244.9	186.8	134.1	86.6	53.1	23.7	0.0
12.5°	248.8	189.7	136.2	87.5	53.7	23.9	0.0
10°	252.0	192.0	138.0	88.2	54.3	24.1	0.0
7.5°	254.5	193.9	139.3	88.7	54.7	24.3	0.0
5°	256.3	195.2	140.3	89.0	55.0	24.4	0.0
2.5°	257.3	196.0	140.9	89.1	55.1	24.5	0.0
0°	257.7	196.3	141.1	89.0	55.2	24.5	0.0
-2.5°	257.3	196.0	140.9	89.1	55.1	24.5	0.0
-5°	256.3	195.2	140.3	89.0	55.0	24.4	0.0
-7.5°	254.5	193.9	139.3	88.7	54.7	24.3	0.0
-10°	252.0	192.0	138.0	88.2	54.3	24.1	0.0
-12.5°	248.8	189.7	136.2	87.5	53.7	23.9	0.0
-15°	244.9	186.8	134.1	86.6	53.1	23.7	0.0
-17.5°	240.3	183.3	131.7	85.5	52.4	23.4	0.0
-20°	235.1	179.4	128.9	84.1	51.5	23.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	229.3	175.0	125.8	82.6	50.5	22.6	0.0
-25°	222.9	170.1	122.4	80.8	49.4	22.2	0.0
-27.5°	215.9	164.8	118.6	78.9	48.2	21.7	0.0
-30°	208.2	159.0	114.6	76.7	47.0	21.2	0.0
-32.5°	200.0	152.7	110.1	74.3	45.6	20.7	0.0
-35°	191.6	145.8	105.3	71.8	44.1	20.1	0.0
-37.5°	182.9	138.9	100.2	69.0	42.5	19.4	0.0
-40°	173.6	132.1	94.8	66.0	40.8	18.8	0.0
-42.5°	163.8	125.0	89.8	62.9	39.0	18.1	0.0
-45°	153.5	117.6	85.3	59.5	37.2	17.3	0.0
-47.5°	142.7	109.8	80.6	55.9	35.3	16.5	0.0
-50°	132.8	101.8	75.6	52.7	33.2	15.7	0.0
-52.5°	122.7	93.4	70.4	49.5	31.1	14.9	0.0
-55°	112.4	86.3	65.1	46.2	29.0	14.0	0.0
-57.5°	101.7	79.4	59.5	42.8	26.8	13.2	0.0
-60°	91.0	72.1	53.9	39.3	24.5	12.2	0.0
-62.5°	82.0	64.7	49.1	35.7	22.6	11.3	0.0
-65°	72.8	57.1	44.3	32.1	20.7	10.4	0.0
-67.5°	63.3	50.2	39.3	28.4	18.7	9.4	0.0
-70°	53.7	43.9	34.3	24.6	16.7	8.4	0.0
-72.5°	45.8	37.5	29.2	21.5	14.7	7.4	0.0
-75°	38.1	31.1	24.0	18.5	12.7	6.3	0.0
-77.5°	30.3	24.6	19.9	15.4	10.6	5.3	0.0
-80°	22.5	19.2	15.9	12.4	8.5	4.3	0.0
-82.5°	16.7	14.4	12.0	9.3	6.4	3.2	0.0
-85°	11.1	9.6	8.0	6.2	4.3	2.1	0.0
-87.5°	5.6	4.8	4.0	3.1	2.1	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)