

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: P559201 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-927-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559201 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6D-927-U-TSB-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

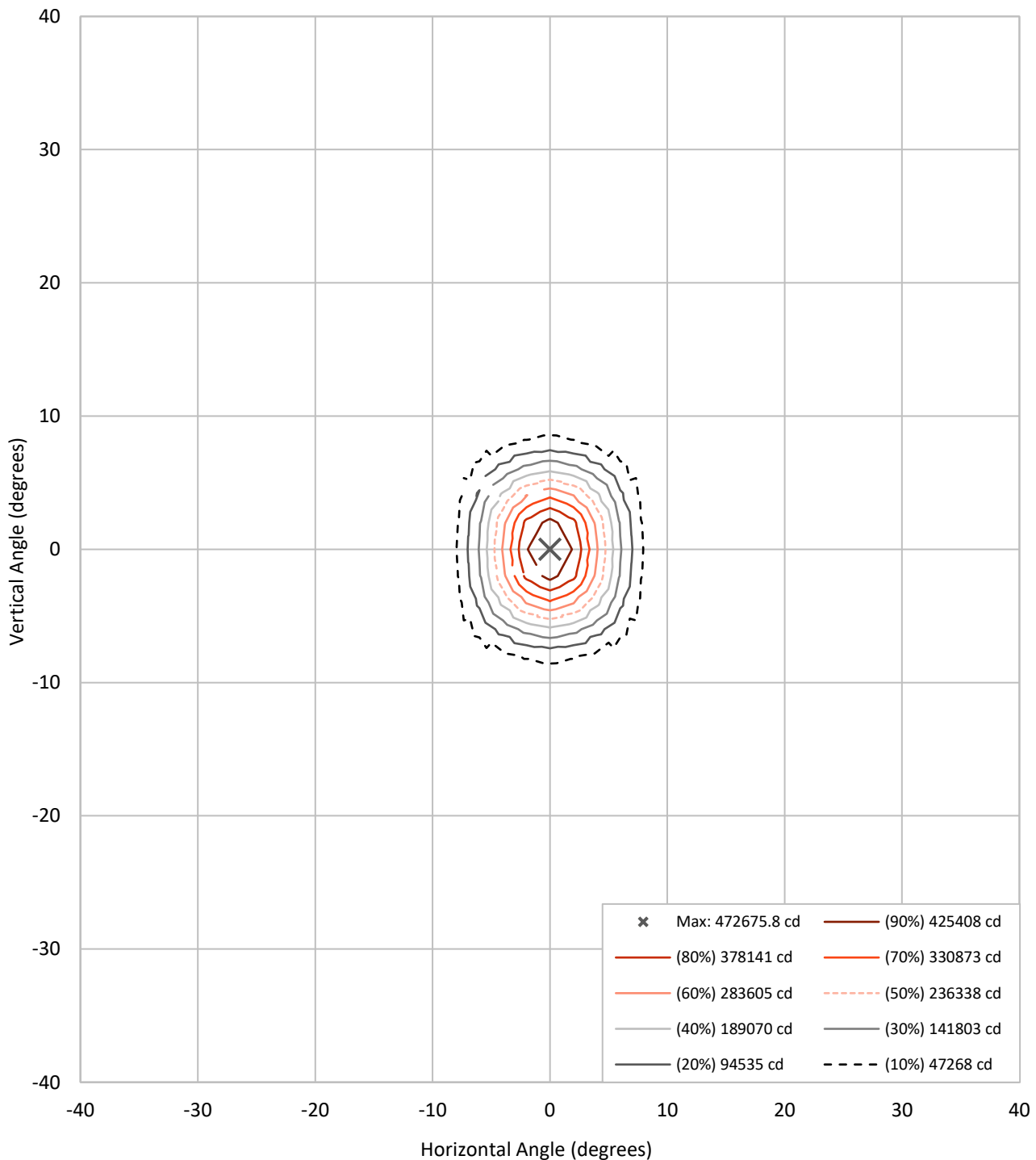
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	18407 lumens	Max Intensity:	472675.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	57.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	7889.6 lumens	Field Lumens:	13597.6 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

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





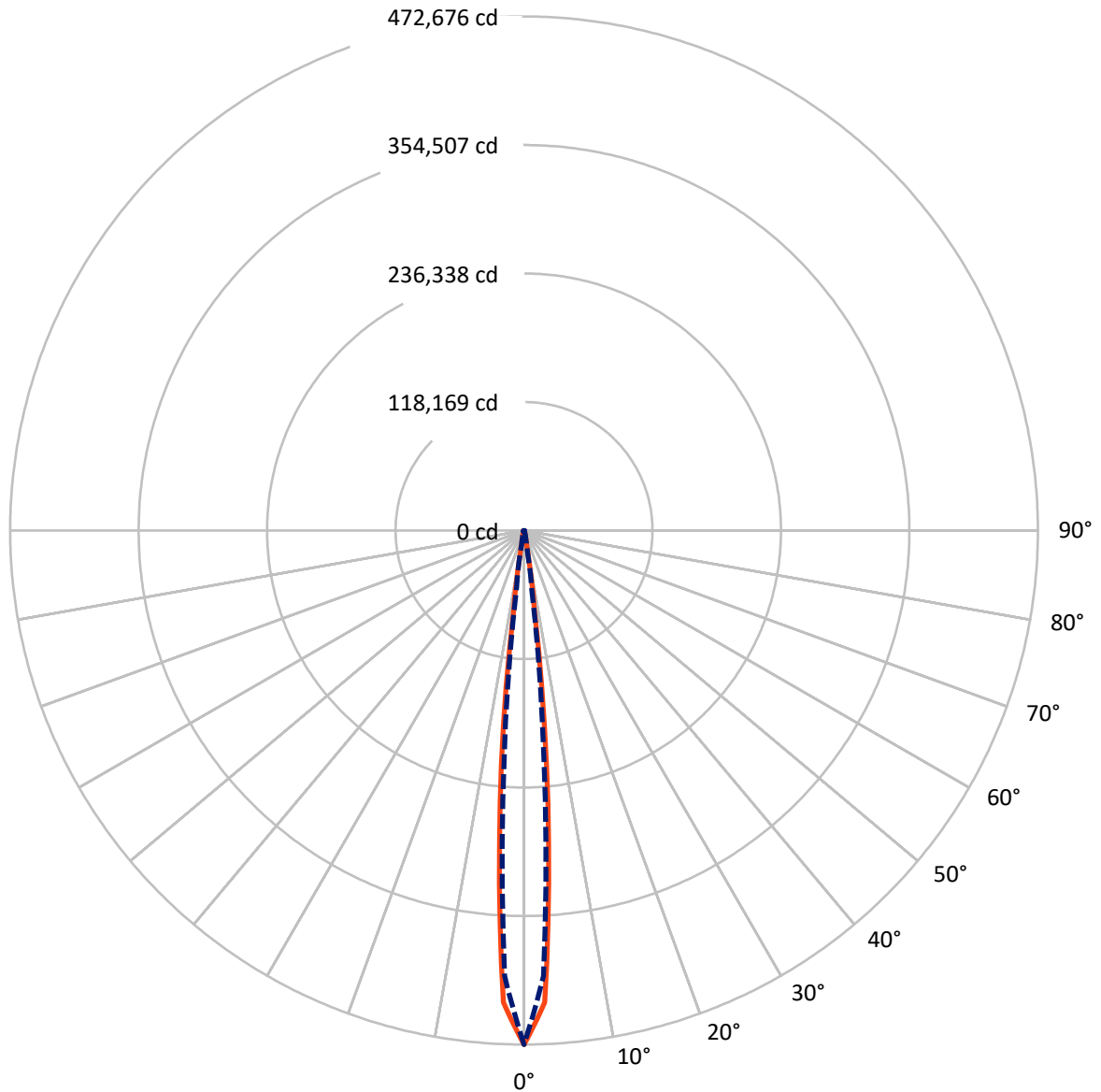
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Lumen Table

90	0.1	0.5		1.9		4.4		7.6		4.4		1.9		0.5		0.1			
80	0.1	0.5		1.9		4.4		7.6		4.4		1.9		0.5		0.1			
70	0.3	0.3	1.0	2.0	3.1	4.0	6.5	11.4	11.4	6.5	4.0	3.1	2.0	1.0	0.3	0.3			
60		0.7	1.8	3.8	6.0	8.2	11.0	14.9	14.9	11.0	8.2	6.0	3.8	1.8	0.7				
50	0.9	1.3	2.9	5.9	10.4	15.6	20.0	23.9	23.9	20.0	15.6	10.4	5.9	2.9	1.3	0.9			
40		2.0	4.1	9.0	16.2	21.8	24.7	26.1	26.1	24.7	21.8	16.2	9.0	4.1	2.0				
30	1.8	3.0	5.7	12.7	19.8	23.7	32.3	42.5	42.5	32.3	23.7	19.8	12.7	5.7	3.0	1.8			
20		4.0	7.9	16.0	21.9	31.2	63.3	126.4	126.4	63.3	31.2	21.9	16.0	7.9	4.0				
10	2.1	4.5	9.4	17.9	22.8	40.0	125.0	3698.2	3698.2	125.0	40.0	22.8	17.9	9.4	4.5	2.1			
0		4.5	9.4	17.9	22.8	40.0	125.0	3698.2	3698.2	125.0	40.0	22.8	17.9	9.4	4.5				
-10	1.8	4.0	7.9	16.0	21.9	31.2	63.3	126.4	126.4	63.3	31.2	21.9	16.0	7.9	4.0	1.8			
-20		3.0	5.7	12.7	19.8	23.7	32.3	42.5	42.5	32.3	23.7	19.8	12.7	5.7	3.0				
-30	0.9	2.0	4.1	9.0	16.2	21.8	24.7	26.1	26.1	24.7	21.8	16.2	9.0	4.1	2.0	0.9			
-40		1.3	2.9	5.9	10.4	15.6	20.0	23.9	23.9	20.0	15.6	10.4	5.9	2.9	1.3				
-50	0.3	0.7	1.8	3.8	6.0	8.2	11.0	14.9	14.9	11.0	8.2	6.0	3.8	1.8	0.7	0.3			
-60		0.3	1.0	2.0	3.1	4.0	6.5	11.4	11.4	6.5	4.0	3.1	2.0	1.0	0.3				
-70	0.1	0.5		1.9		4.4		7.6		4.4		1.9		0.5		0.1			
-80		0.5		1.9		4.4		7.6		4.4		1.9		0.5					
-90	0.1	0.5		1.9		4.4		7.6		4.4		1.9		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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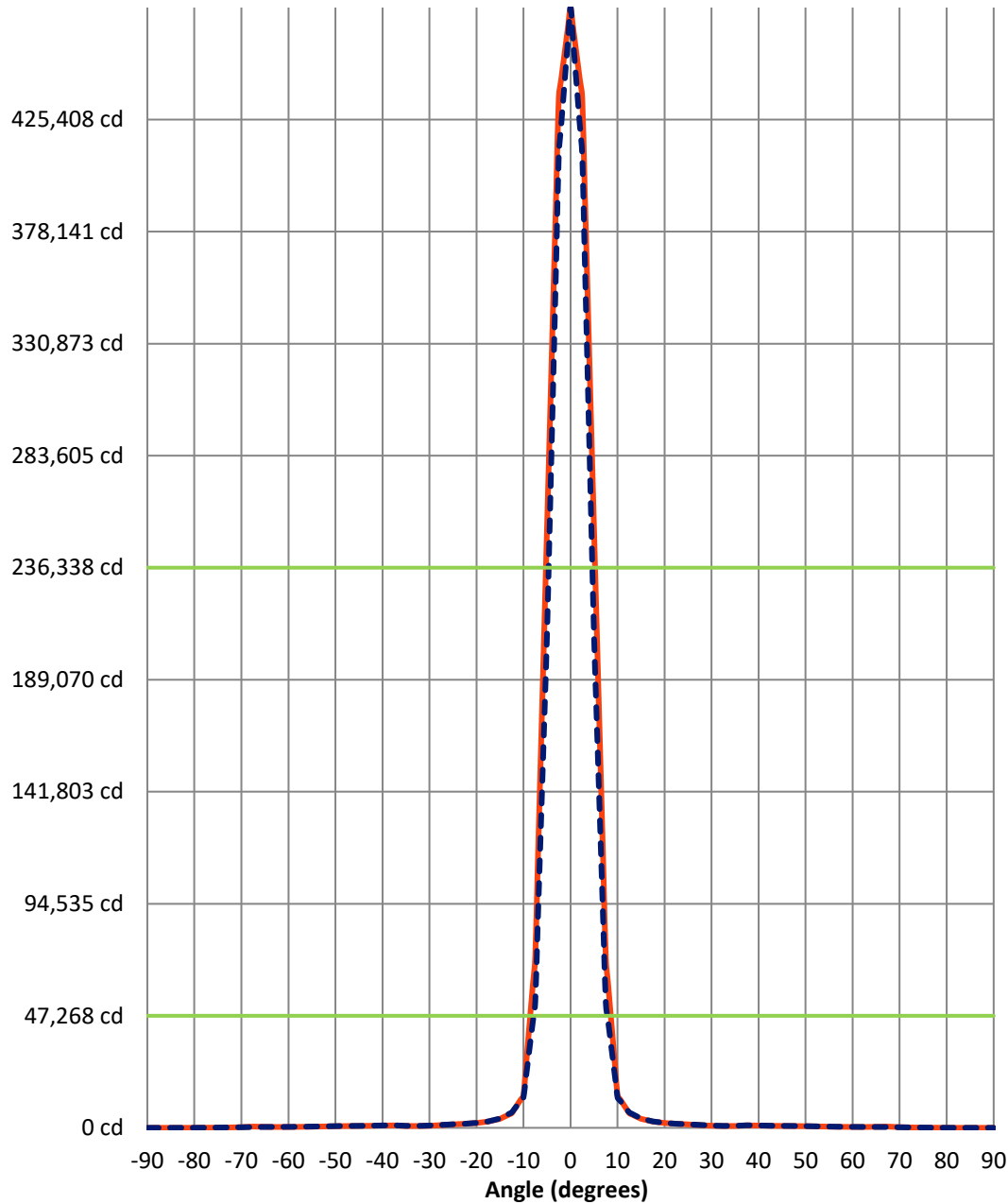
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 7889.6
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 13597.6
Efficiency: 73.9%

Spill:
Lumens: 4809.4
Efficiency: 26.1%

— 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	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
85°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.6
82.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.4	5.4	5.4
80°	0.0	0.9	1.9	2.8	3.7	4.7	5.4	5.4	5.4	5.4	5.4
77.5°	0.0	1.2	2.3	3.5	4.7	5.4	5.4	5.4	5.4	5.4	5.9
75°	0.0	1.4	2.8	4.2	5.4	5.4	5.4	5.4	5.6	7.1	8.3
72.5°	0.0	1.6	3.2	4.9	5.4	5.4	5.4	6.0	7.9	9.4	10.6
70°	0.0	1.8	3.7	5.4	5.4	5.4	5.7	8.1	10.2	11.9	14.7
67.5°	0.0	2.1	4.1	5.4	5.4	5.4	7.7	10.3	12.6	16.2	19.3
65°	0.0	2.3	4.6	5.4	5.4	6.3	9.7	12.5	16.6	20.6	24.6
62.5°	0.0	2.5	5.0	5.4	5.4	8.1	11.7	15.8	20.7	25.4	31.6
60°	0.0	2.7	5.4	5.4	5.4	9.8	13.7	19.5	24.8	32.2	38.7
57.5°	0.0	2.9	5.4	5.4	6.8	11.6	17.2	23.2	30.6	38.9	46.8
55°	0.0	3.1	5.5	5.4	8.2	13.3	20.9	27.2	36.9	46.1	55.6
52.5°	0.0	3.3	5.5	5.4	9.6	15.3	24.7	33.2	43.2	54.4	64.5
50°	0.0	3.5	5.6	5.4	11.0	18.7	28.6	39.7	49.9	62.9	75.3
47.5°	0.0	3.6	5.6	5.6	12.4	22.1	32.8	46.4	57.6	71.4	86.6
45°	0.0	3.8	5.7	6.7	13.7	25.5	38.8	53.3	66.8	82.1	98.4
42.5°	0.0	4.0	5.8	7.6	15.0	28.9	44.9	61.2	76.4	93.0	112.3
40°	0.0	4.1	5.9	8.6	17.0	32.3	51.1	69.9	87.0	104.4	127.0
37.5°	0.0	4.3	6.0	9.5	19.6	35.7	57.4	78.7	99.0	118.9	142.2
35°	0.0	4.4	6.1	10.3	22.2	40.2	63.6	87.7	111.2	135.5	156.8
32.5°	0.0	4.6	6.3	11.0	24.7	45.1	70.3	96.8	123.5	152.8	175.3
30°	0.0	4.7	6.4	11.7	27.2	50.0	77.6	106.2	135.9	170.7	196.1
27.5°	0.0	4.8	6.5	12.2	28.8	54.7	84.8	116.4	149.3	189.1	219.1
25°	0.0	4.9	6.7	12.7	30.0	59.3	92.0	126.5	164.3	208.2	243.8
22.5°	0.0	5.0	6.8	13.0	31.0	63.0	99.0	136.3	179.4	228.3	264.7
20°	0.0	5.1	7.0	13.3	31.7	64.3	105.8	145.9	194.4	249.3	285.4
17.5°	0.0	5.1	7.1	13.5	32.2	65.1	109.4	155.3	209.1	270.8	305.7
15°	0.0	5.2	7.3	13.7	32.4	65.5	110.7	162.0	223.5	292.7	325.5
12.5°	0.0	5.3	7.4	13.8	32.4	65.4	111.5	165.5	232.9	314.5	345.0
10°	0.0	5.3	7.6	13.8	32.2	64.9	111.8	168.5	237.6	322.8	358.8
7.5°	0.0	5.4	7.7	13.8	31.8	64.0	111.6	171.1	241.1	327.9	361.2
5°	0.0	5.4	7.8	13.7	31.2	62.8	110.8	173.1	243.4	331.3	363.2
2.5°	0.0	5.4	8.0	13.6	30.5	61.1	109.5	174.4	244.6	333.2	364.8
0°	0.0	5.4	8.1	13.4	29.6	59.2	107.6	174.8	244.7	333.4	365.7
-2.5°	0.0	5.4	8.0	13.6	30.5	61.1	109.5	174.4	244.6	333.2	364.8
-5°	0.0	5.4	7.8	13.7	31.2	62.8	110.8	173.1	243.4	331.3	363.2
-7.5°	0.0	5.4	7.7	13.8	31.8	64.0	111.6	171.1	241.1	327.9	361.2
-10°	0.0	5.3	7.6	13.8	32.2	64.9	111.8	168.5	237.6	322.8	358.8
-12.5°	0.0	5.3	7.4	13.8	32.4	65.4	111.5	165.5	232.9	314.5	345.0
-15°	0.0	5.2	7.3	13.7	32.4	65.5	110.7	162.0	223.5	292.7	325.5
-17.5°	0.0	5.1	7.1	13.5	32.2	65.1	109.4	155.3	209.1	270.8	305.7
-20°	0.0	5.1	7.0	13.3	31.7	64.3	105.8	145.9	194.4	249.3	285.4



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 CATALOG NUMBER: GFLD-SA6D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.0	6.8	13.0	31.0	63.0	99.0	136.3	179.4	228.3	264.7
-25°	0.0	4.9	6.7	12.7	30.0	59.3	92.0	126.5	164.3	208.2	243.8
-27.5°	0.0	4.8	6.5	12.2	28.8	54.7	84.8	116.4	149.3	189.1	219.1
-30°	0.0	4.7	6.4	11.7	27.2	50.0	77.6	106.2	135.9	170.7	196.1
-32.5°	0.0	4.6	6.3	11.0	24.7	45.1	70.3	96.8	123.5	152.8	175.3
-35°	0.0	4.4	6.1	10.3	22.2	40.2	63.6	87.7	111.2	135.5	156.8
-37.5°	0.0	4.3	6.0	9.5	19.6	35.7	57.4	78.7	99.0	118.9	142.2
-40°	0.0	4.1	5.9	8.6	17.0	32.3	51.1	69.9	87.0	104.4	127.0
-42.5°	0.0	4.0	5.8	7.6	15.0	28.9	44.9	61.2	76.4	93.0	112.3
-45°	0.0	3.8	5.7	6.7	13.7	25.5	38.8	53.3	66.8	82.1	98.4
-47.5°	0.0	3.6	5.6	5.6	12.4	22.1	32.8	46.4	57.6	71.4	86.6
-50°	0.0	3.5	5.6	5.4	11.0	18.7	28.6	39.7	49.9	62.9	75.3
-52.5°	0.0	3.3	5.5	5.4	9.6	15.3	24.7	33.2	43.2	54.4	64.5
-55°	0.0	3.1	5.5	5.4	8.2	13.3	20.9	27.2	36.9	46.1	55.6
-57.5°	0.0	2.9	5.4	5.4	6.8	11.6	17.2	23.2	30.6	38.9	46.8
-60°	0.0	2.7	5.4	5.4	5.4	9.8	13.7	19.5	24.8	32.2	38.7
-62.5°	0.0	2.5	5.0	5.4	5.4	8.1	11.7	15.8	20.7	25.4	31.6
-65°	0.0	2.3	4.6	5.4	5.4	6.3	9.7	12.5	16.6	20.6	24.6
-67.5°	0.0	2.1	4.1	5.4	5.4	5.4	7.7	10.3	12.6	16.2	19.3
-70°	0.0	1.8	3.7	5.4	5.4	5.4	5.7	8.1	10.2	11.9	14.7
-72.5°	0.0	1.6	3.2	4.9	5.4	5.4	5.4	6.0	7.9	9.4	10.6
-75°	0.0	1.4	2.8	4.2	5.4	5.4	5.4	5.4	5.6	7.1	8.3
-77.5°	0.0	1.2	2.3	3.5	4.7	5.4	5.4	5.4	5.4	5.4	5.9
-80°	0.0	0.9	1.9	2.8	3.7	4.7	5.4	5.4	5.4	5.4	5.4
-82.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.4	5.4	5.4
-85°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.6
-87.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	2.0	1.8	1.6	1.6	1.7	1.8	1.9	2.0	2.1	2.1
85°	4.4	4.1	3.5	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3
82.5°	5.0	4.7	4.6	4.7	4.9	5.2	5.5	6.0	6.5	7.0	7.4
80°	5.3	5.4	6.2	6.9	7.7	8.4	9.2	9.8	10.5	11.5	12.9
77.5°	7.0	8.0	9.0	10.0	11.2	13.2	15.0	16.5	18.3	20.5	22.8
75°	9.4	10.7	13.3	16.3	18.9	21.0	23.0	25.9	29.4	33.4	37.2
72.5°	12.9	16.2	19.7	23.5	28.0	31.8	35.5	39.0	44.7	51.1	55.9
70°	17.8	21.7	27.3	33.4	39.2	44.2	51.5	60.3	69.2	73.6	76.3
67.5°	22.8	29.3	36.1	43.4	51.4	59.8	70.0	79.5	88.5	92.1	95.5
65°	29.7	37.0	45.3	54.3	63.6	73.7	84.1	94.6	104.1	108.9	114.4
62.5°	36.6	45.3	55.0	65.1	75.3	86.2	98.8	109.5	117.5	127.3	138.6
60°	45.0	53.7	64.6	75.8	87.6	102.8	115.5	127.3	138.2	149.2	166.3
57.5°	53.9	62.3	74.4	87.6	103.8	121.1	135.5	148.3	163.4	179.1	196.3
55°	63.5	71.1	84.8	101.1	119.7	140.3	157.2	174.6	192.0	206.1	221.4
52.5°	74.5	81.5	95.8	114.5	136.2	159.3	181.7	200.0	216.1	231.6	248.9
50°	86.1	94.8	106.5	129.0	153.1	179.3	204.7	223.1	241.4	259.5	279.0
47.5°	99.5	109.3	119.0	143.3	170.7	197.5	223.8	247.2	267.5	291.7	314.1
45°	114.1	125.5	136.0	158.7	186.7	214.0	243.2	271.5	299.9	328.5	364.3
42.5°	129.6	142.1	155.5	173.0	201.0	231.2	262.6	300.1	336.3	376.1	422.6
40°	144.6	158.4	174.5	190.3	215.1	248.8	287.0	329.2	380.2	431.7	487.9
37.5°	159.3	175.3	192.5	208.9	230.9	268.8	310.9	364.7	426.1	491.2	562.8
35°	173.7	191.4	209.0	228.3	252.9	289.7	341.7	402.7	476.3	558.6	624.1
32.5°	187.8	206.8	224.6	248.0	278.4	316.1	371.4	448.1	533.2	616.6	660.3
30°	205.4	220.7	240.2	266.6	303.2	351.2	411.2	494.0	590.6	647.6	688.3
27.5°	229.0	234.5	256.6	287.3	328.7	385.7	460.4	546.4	626.4	676.4	712.9
25°	252.2	257.9	271.8	308.3	359.3	426.6	510.4	608.5	656.0	698.2	740.5
22.5°	274.4	280.4	297.9	328.0	388.9	468.1	565.7	651.5	696.7	723.7	769.4
20°	295.2	304.5	326.0	361.0	419.3	507.5	619.2	691.3	734.4	766.7	808.9
17.5°	315.3	328.1	354.6	397.0	462.0	551.7	668.0	731.0	773.1	804.2	856.6
15°	334.8	351.1	381.9	430.6	501.9	599.1	700.5	763.6	808.8	839.5	900.6
12.5°	353.6	373.5	408.1	461.9	537.8	640.4	728.0	784.6	829.8	876.7	939.8
10°	371.9	395.2	433.1	490.9	569.9	676.1	751.1	801.5	846.6	906.3	972.1
7.5°	374.6	406.1	453.5	517.6	598.4	706.2	770.0	814.7	863.7	933.5	1001.4
5°	374.7	405.3	455.0	524.6	611.9	724.0	783.3	824.7	880.1	957.6	1027.6
2.5°	374.4	403.4	455.4	526.9	615.3	725.8	785.3	827.3	889.5	981.4	1051.6
0°	373.8	400.7	454.4	527.0	615.8	723.3	785.2	828.2	895.4	1003.0	1072.9
-2.5°	374.4	403.4	455.4	526.9	615.3	725.8	785.3	827.3	889.5	981.4	1051.6
-5°	374.7	405.3	455.0	524.6	611.9	724.0	783.3	824.7	880.1	957.6	1027.6
-7.5°	374.6	406.1	453.5	517.6	598.4	706.2	770.0	814.7	863.7	933.5	1001.4
-10°	371.9	395.2	433.1	490.9	569.9	676.1	751.1	801.5	846.6	906.3	972.1
-12.5°	353.6	373.5	408.1	461.9	537.8	640.4	728.0	784.6	829.8	876.7	939.8
-15°	334.8	351.1	381.9	430.6	501.9	599.1	700.5	763.6	808.8	839.5	900.6
-17.5°	315.3	328.1	354.6	397.0	462.0	551.7	668.0	731.0	773.1	804.2	856.6
-20°	295.2	304.5	326.0	361.0	419.3	507.5	619.2	691.3	734.4	766.7	808.9



REPORT NUMBER: P559201 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	274.4	280.4	297.9	328.0	388.9	468.1	565.7	651.5	696.7	723.7	769.4
-25°	252.2	257.9	271.8	308.3	359.3	426.6	510.4	608.5	656.0	698.2	740.5
-27.5°	229.0	234.5	256.6	287.3	328.7	385.7	460.4	546.4	626.4	676.4	712.9
-30°	205.4	220.7	240.2	266.6	303.2	351.2	411.2	494.0	590.6	647.6	688.3
-32.5°	187.8	206.8	224.6	248.0	278.4	316.1	371.4	448.1	533.2	616.6	660.3
-35°	173.7	191.4	209.0	228.3	252.9	289.7	341.7	402.7	476.3	558.6	624.1
-37.5°	159.3	175.3	192.5	208.9	230.9	268.8	310.9	364.7	426.1	491.2	562.8
-40°	144.6	158.4	174.5	190.3	215.1	248.8	287.0	329.2	380.2	431.7	487.9
-42.5°	129.6	142.1	155.5	173.0	201.0	231.2	262.6	300.1	336.3	376.1	422.6
-45°	114.1	125.5	136.0	158.7	186.7	214.0	243.2	271.5	299.9	328.5	364.3
-47.5°	99.5	109.3	119.0	143.3	170.7	197.5	223.8	247.2	267.5	291.7	314.1
-50°	86.1	94.8	106.5	129.0	153.1	179.3	204.7	223.1	241.4	259.5	279.0
-52.5°	74.5	81.5	95.8	114.5	136.2	159.3	181.7	200.0	216.1	231.6	248.9
-55°	63.5	71.1	84.8	101.1	119.7	140.3	157.2	174.6	192.0	206.1	221.4
-57.5°	53.9	62.3	74.4	87.6	103.8	121.1	135.5	148.3	163.4	179.1	196.3
-60°	45.0	53.7	64.6	75.8	87.6	102.8	115.5	127.3	138.2	149.2	166.3
-62.5°	36.6	45.3	55.0	65.1	75.3	86.2	98.8	109.5	117.5	127.3	138.6
-65°	29.7	37.0	45.3	54.3	63.6	73.7	84.1	94.6	104.1	108.9	114.4
-67.5°	22.8	29.3	36.1	43.4	51.4	59.8	70.0	79.5	88.5	92.1	95.5
-70°	17.8	21.7	27.3	33.4	39.2	44.2	51.5	60.3	69.2	73.6	76.3
-72.5°	12.9	16.2	19.7	23.5	28.0	31.8	35.5	39.0	44.7	51.1	55.9
-75°	9.4	10.7	13.3	16.3	18.9	21.0	23.0	25.9	29.4	33.4	37.2
-77.5°	7.0	8.0	9.0	10.0	11.2	13.2	15.0	16.5	18.3	20.5	22.8
-80°	5.3	5.4	6.2	6.9	7.7	8.4	9.2	9.8	10.5	11.5	12.9
-82.5°	5.0	4.7	4.6	4.7	4.9	5.2	5.5	6.0	6.5	7.0	7.4
-85°	4.4	4.1	3.5	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3
-87.5°	2.2	2.0	1.8	1.6	1.6	1.7	1.8	1.9	2.0	2.1	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559201 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-TSB-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°	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.7
85°	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.3
82.5°	7.9	8.3	8.6	9.0	9.3	9.6	9.8	10.0	10.2	10.4	10.6
80°	14.4	15.5	16.4	17.0	17.5	19.4	21.8	24.3	26.9	27.8	28.4
77.5°	25.6	27.5	28.7	29.6	30.2	34.3	39.8	45.4	51.3	54.3	56.8
75°	40.8	43.1	44.5	45.5	46.2	52.6	62.1	72.2	82.5	87.9	91.8
72.5°	59.0	60.9	62.3	63.6	64.4	73.9	91.1	109.9	129.8	141.9	150.8
70°	78.6	80.7	82.5	84.0	85.1	96.5	121.4	147.6	174.6	201.6	230.4
67.5°	99.4	103.9	106.2	107.6	109.0	118.7	145.3	169.9	192.7	241.5	318.5
65°	122.1	132.5	136.8	139.2	140.1	144.6	167.4	187.9	206.4	244.5	303.2
62.5°	151.0	164.7	171.0	173.8	175.4	175.7	194.3	211.5	227.3	251.1	288.4
60°	182.2	197.0	204.7	206.8	208.1	208.7	223.5	240.6	256.4	275.8	310.6
57.5°	210.7	224.5	236.0	240.5	244.1	246.7	259.7	279.7	298.4	317.8	355.2
55°	237.9	254.7	270.7	279.5	287.7	294.9	307.8	333.0	357.1	379.7	418.6
52.5°	267.7	289.1	310.4	326.3	341.9	355.6	369.4	402.1	434.2	464.4	502.2
50°	303.1	329.6	360.6	386.7	409.1	431.1	450.9	489.6	533.0	574.4	614.1
47.5°	348.0	383.0	422.6	459.7	490.1	524.3	555.3	595.1	633.5	671.9	704.8
45°	403.2	451.6	497.2	546.5	589.9	612.5	630.5	655.3	694.8	732.5	763.2
42.5°	473.7	530.1	586.3	623.0	650.9	669.2	682.3	695.3	736.7	773.2	802.9
40°	552.2	608.9	643.5	673.6	692.9	709.2	729.7	749.9	782.5	819.8	852.8
37.5°	620.2	656.6	687.1	710.6	734.0	755.8	785.3	814.4	845.3	887.2	917.8
35°	662.2	694.1	725.0	754.6	784.5	817.9	854.8	897.6	935.5	901.0	851.2
32.5°	694.1	726.9	764.2	809.9	851.1	896.7	943.0	868.7	792.5	762.8	768.9
30°	722.0	759.9	811.4	871.1	928.3	907.9	806.4	770.9	781.4	802.2	842.4
27.5°	751.8	799.2	861.8	935.2	890.1	777.8	783.7	804.3	873.9	933.0	1022.6
25°	787.0	844.3	922.0	888.0	785.0	795.7	847.8	926.4	1059.0	1182.7	1290.9
22.5°	829.5	902.4	912.7	785.1	799.1	867.2	973.0	1143.3	1304.4	1454.0	1565.6
20°	872.7	956.8	827.5	800.5	860.3	982.0	1178.3	1373.9	1553.7	1687.4	1799.1
17.5°	924.4	894.7	803.1	831.9	952.9	1163.1	1384.1	1591.3	1760.9	1992.1	2188.9
15°	969.7	834.9	817.9	912.6	1094.7	1331.1	1571.2	1757.4	2063.9	2395.2	2730.3
12.5°	943.7	813.7	844.2	984.5	1223.8	1479.4	1691.7	1986.4	2391.8	2875.8	3603.0
10°	905.3	825.6	900.3	1083.8	1334.4	1583.4	1803.9	2190.1	2725.3	3614.1	4759.2
7.5°	875.5	830.7	937.4	1160.1	1416.5	1646.1	1940.1	2408.5	3154.4	4373.8	6811.7
5°	853.0	830.6	954.3	1204.3	1465.3	1689.4	2024.2	2567.3	3575.0	5312.2	9478.3
2.5°	843.0	826.2	959.0	1228.0	1489.1	1713.6	2076.4	2681.4	3840.4	6184.1	12463.4
0°	849.7	817.4	957.3	1236.9	1503.1	1710.2	2083.9	2715.8	3920.5	6506.0	12864.0
-2.5°	843.0	826.2	959.0	1228.0	1489.1	1713.6	2076.4	2681.4	3840.4	6184.1	12463.4
-5°	853.0	830.6	954.3	1204.3	1465.3	1689.4	2024.2	2567.3	3575.0	5312.2	9478.3
-7.5°	875.5	830.7	937.4	1160.1	1416.5	1646.1	1940.1	2408.5	3154.4	4373.8	6811.7
-10°	905.3	825.6	900.3	1083.8	1334.4	1583.4	1803.9	2190.1	2725.3	3614.1	4759.2
-12.5°	943.7	813.7	844.2	984.5	1223.8	1479.4	1691.7	1986.4	2391.8	2875.8	3603.0
-15°	969.7	834.9	817.9	912.6	1094.7	1331.1	1571.2	1757.4	2063.9	2395.2	2730.3
-17.5°	924.4	894.7	803.1	831.9	952.9	1163.1	1384.1	1591.3	1760.9	1992.1	2188.9
-20°	872.7	956.8	827.5	800.5	860.3	982.0	1178.3	1373.9	1553.7	1687.4	1799.1



REPORT NUMBER: P559201 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	829.5	902.4	912.7	785.1	799.1	867.2	973.0	1143.3	1304.4	1454.0	1565.6
-25°	787.0	844.3	922.0	888.0	785.0	795.7	847.8	926.4	1059.0	1182.7	1290.9
-27.5°	751.8	799.2	861.8	935.2	890.1	777.8	783.7	804.3	873.9	933.0	1022.6
-30°	722.0	759.9	811.4	871.1	928.3	907.9	806.4	770.9	781.4	802.2	842.4
-32.5°	694.1	726.9	764.2	809.9	851.1	896.7	943.0	868.7	792.5	762.8	768.9
-35°	662.2	694.1	725.0	754.6	784.5	817.9	854.8	897.6	935.5	901.0	851.2
-37.5°	620.2	656.6	687.1	710.6	734.0	755.8	785.3	814.4	845.3	887.2	917.8
-40°	552.2	608.9	643.5	673.6	692.9	709.2	729.7	749.9	782.5	819.8	852.8
-42.5°	473.7	530.1	586.3	623.0	650.9	669.2	682.3	695.3	736.7	773.2	802.9
-45°	403.2	451.6	497.2	546.5	589.9	612.5	630.5	655.3	694.8	732.5	763.2
-47.5°	348.0	383.0	422.6	459.7	490.1	524.3	555.3	595.1	633.5	671.9	704.8
-50°	303.1	329.6	360.6	386.7	409.1	431.1	450.9	489.6	533.0	574.4	614.1
-52.5°	267.7	289.1	310.4	326.3	341.9	355.6	369.4	402.1	434.2	464.4	502.2
-55°	237.9	254.7	270.7	279.5	287.7	294.9	307.8	333.0	357.1	379.7	418.6
-57.5°	210.7	224.5	236.0	240.5	244.1	246.7	259.7	279.7	298.4	317.8	355.2
-60°	182.2	197.0	204.7	206.8	208.1	208.7	223.5	240.6	256.4	275.8	310.6
-62.5°	151.0	164.7	171.0	173.8	175.4	175.7	194.3	211.5	227.3	251.1	288.4
-65°	122.1	132.5	136.8	139.2	140.1	144.6	167.4	187.9	206.4	244.5	303.2
-67.5°	99.4	103.9	106.2	107.6	109.0	118.7	145.3	169.9	192.7	241.5	318.5
-70°	78.6	80.7	82.5	84.0	85.1	96.5	121.4	147.6	174.6	201.6	230.4
-72.5°	59.0	60.9	62.3	63.6	64.4	73.9	91.1	109.9	129.8	141.9	150.8
-75°	40.8	43.1	44.5	45.5	46.2	52.6	62.1	72.2	82.5	87.9	91.8
-77.5°	25.6	27.5	28.7	29.6	30.2	34.3	39.8	45.4	51.3	54.3	56.8
-80°	14.4	15.5	16.4	17.0	17.5	19.4	21.8	24.3	26.9	27.8	28.4
-82.5°	7.9	8.3	8.6	9.0	9.3	9.6	9.8	10.0	10.2	10.4	10.6
-85°	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.3
-87.5°	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.7
-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: P559201 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-TSB-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6
85°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.1
82.5°	10.7	10.7	10.8	10.8	10.8	10.7	10.7	10.6	10.4	10.2	10.0
80°	29.0	29.3	28.2	26.9	28.2	29.3	29.0	28.4	27.8	26.9	24.3
77.5°	59.0	61.1	59.1	56.5	59.1	61.1	59.0	56.8	54.3	51.3	45.4
75°	95.3	98.5	96.7	94.1	96.7	98.5	95.3	91.8	87.9	82.5	72.2
72.5°	159.2	167.0	165.1	161.3	165.1	167.0	159.2	150.8	141.9	129.8	109.9
70°	260.6	291.2	289.9	282.3	289.9	291.2	260.6	230.4	201.6	174.6	147.6
67.5°	401.8	488.5	516.0	529.7	516.0	488.5	401.8	318.5	241.5	192.7	169.9
65°	357.8	410.2	431.0	446.4	431.0	410.2	357.8	303.2	244.5	206.4	187.9
62.5°	321.8	352.9	359.6	360.3	359.6	352.9	321.8	288.4	251.1	227.3	211.5
60°	344.5	377.4	382.4	376.5	382.4	377.4	344.5	310.6	275.8	256.4	240.6
57.5°	391.2	425.8	432.1	424.9	432.1	425.8	391.2	355.2	317.8	298.4	279.7
55°	455.9	490.7	502.3	500.1	502.3	490.7	455.9	418.6	379.7	357.1	333.0
52.5°	538.3	570.6	583.8	583.5	583.8	570.6	538.3	502.2	464.4	434.2	402.1
50°	648.7	677.5	691.8	693.8	691.8	677.5	648.7	614.1	574.4	533.0	489.6
47.5°	728.2	747.1	757.0	758.3	757.0	747.1	728.2	704.8	671.9	633.5	595.1
45°	776.9	787.1	794.8	801.3	794.8	787.1	776.9	763.2	732.5	694.8	655.3
42.5°	822.8	844.0	859.6	863.2	859.6	844.0	822.8	802.9	773.2	736.7	695.3
40°	884.2	913.4	941.4	970.7	941.4	913.4	884.2	852.8	819.8	782.5	749.9
37.5°	949.8	982.3	1009.3	1024.5	1009.3	982.3	949.8	917.8	887.2	845.3	814.4
35°	816.2	794.8	782.1	777.1	782.1	794.8	816.2	851.2	901.0	935.5	897.6
32.5°	772.4	774.0	771.4	766.4	771.4	774.0	772.4	768.9	762.8	792.5	868.7
30°	872.2	886.4	888.1	887.4	888.1	886.4	872.2	842.4	802.2	781.4	770.9
27.5°	1088.9	1125.3	1136.5	1158.9	1136.5	1125.3	1088.9	1022.6	933.0	873.9	804.3
25°	1374.6	1429.5	1455.8	1465.5	1455.8	1429.5	1374.6	1290.9	1182.7	1059.0	926.4
22.5°	1628.6	1670.4	1694.9	1715.6	1694.9	1670.4	1628.6	1565.6	1454.0	1304.4	1143.3
20°	1929.5	2005.9	2041.0	2043.6	2041.0	2005.9	1929.5	1799.1	1687.4	1553.7	1373.9
17.5°	2399.3	2548.1	2622.3	2643.2	2622.3	2548.1	2399.3	2188.9	1992.1	1760.9	1591.3
15°	3140.5	3520.0	3715.3	3807.6	3715.3	3520.0	3140.5	2730.3	2395.2	2063.9	1757.4
12.5°	4349.6	5205.3	5897.3	6157.8	5897.3	5205.3	4349.6	3603.0	2875.8	2391.8	1986.4
10°	6745.2	9300.6	12286.0	13678.7	12286.0	9300.6	6745.2	4759.2	3614.1	2725.3	2190.1
7.5°	13049.3	30298.1	58722.7	72281.9	58722.7	30298.1	13049.3	6811.7	4373.8	3154.4	2408.5
5°	27814.9	120040.4	214977.4	252509.3	214977.4	120040.4	27814.9	9478.3	5312.2	3575.0	2567.3
2.5°	44303.2	196882.0	371484.6	434374.3	371484.6	196882.0	44303.2	12463.4	6184.1	3840.4	2681.4
0°	52933.5	207477.3	409925.0	472675.8	409925.0	207477.3	52933.5	12864.0	6506.0	3920.5	2715.8
-2.5°	44303.2	196882.0	371484.6	434374.3	371484.6	196882.0	44303.2	12463.4	6184.1	3840.4	2681.4
-5°	27814.9	120040.4	214977.4	252509.3	214977.4	120040.4	27814.9	9478.3	5312.2	3575.0	2567.3
-7.5°	13049.3	30298.1	58722.7	72281.9	58722.7	30298.1	13049.3	6811.7	4373.8	3154.4	2408.5
-10°	6745.2	9300.6	12286.0	13678.7	12286.0	9300.6	6745.2	4759.2	3614.1	2725.3	2190.1
-12.5°	4349.6	5205.3	5897.3	6157.8	5897.3	5205.3	4349.6	3603.0	2875.8	2391.8	1986.4
-15°	3140.5	3520.0	3715.3	3807.6	3715.3	3520.0	3140.5	2730.3	2395.2	2063.9	1757.4
-17.5°	2399.3	2548.1	2622.3	2643.2	2622.3	2548.1	2399.3	2188.9	1992.1	1760.9	1591.3
-20°	1929.5	2005.9	2041.0	2043.6	2041.0	2005.9	1929.5	1799.1	1687.4	1553.7	1373.9



REPORT NUMBER: P559201 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1628.6	1670.4	1694.9	1715.6	1694.9	1670.4	1628.6	1565.6	1454.0	1304.4	1143.3
-25°	1374.6	1429.5	1455.8	1465.5	1455.8	1429.5	1374.6	1290.9	1182.7	1059.0	926.4
-27.5°	1088.9	1125.3	1136.5	1158.9	1136.5	1125.3	1088.9	1022.6	933.0	873.9	804.3
-30°	872.2	886.4	888.1	887.4	888.1	886.4	872.2	842.4	802.2	781.4	770.9
-32.5°	772.4	774.0	771.4	766.4	771.4	774.0	772.4	768.9	762.8	792.5	868.7
-35°	816.2	794.8	782.1	777.1	782.1	794.8	816.2	851.2	901.0	935.5	897.6
-37.5°	949.8	982.3	1009.3	1024.5	1009.3	982.3	949.8	917.8	887.2	845.3	814.4
-40°	884.2	913.4	941.4	970.7	941.4	913.4	884.2	852.8	819.8	782.5	749.9
-42.5°	822.8	844.0	859.6	863.2	859.6	844.0	822.8	802.9	773.2	736.7	695.3
-45°	776.9	787.1	794.8	801.3	794.8	787.1	776.9	763.2	732.5	694.8	655.3
-47.5°	728.2	747.1	757.0	758.3	757.0	747.1	728.2	704.8	671.9	633.5	595.1
-50°	648.7	677.5	691.8	693.8	691.8	677.5	648.7	614.1	574.4	533.0	489.6
-52.5°	538.3	570.6	583.8	583.5	583.8	570.6	538.3	502.2	464.4	434.2	402.1
-55°	455.9	490.7	502.3	500.1	502.3	490.7	455.9	418.6	379.7	357.1	333.0
-57.5°	391.2	425.8	432.1	424.9	432.1	425.8	391.2	355.2	317.8	298.4	279.7
-60°	344.5	377.4	382.4	376.5	382.4	377.4	344.5	310.6	275.8	256.4	240.6
-62.5°	321.8	352.9	359.6	360.3	359.6	352.9	321.8	288.4	251.1	227.3	211.5
-65°	357.8	410.2	431.0	446.4	431.0	410.2	357.8	303.2	244.5	206.4	187.9
-67.5°	401.8	488.5	516.0	529.7	516.0	488.5	401.8	318.5	241.5	192.7	169.9
-70°	260.6	291.2	289.9	282.3	289.9	291.2	260.6	230.4	201.6	174.6	147.6
-72.5°	159.2	167.0	165.1	161.3	165.1	167.0	159.2	150.8	141.9	129.8	109.9
-75°	95.3	98.5	96.7	94.1	96.7	98.5	95.3	91.8	87.9	82.5	72.2
-77.5°	59.0	61.1	59.1	56.5	59.1	61.1	59.0	56.8	54.3	51.3	45.4
-80°	29.0	29.3	28.2	26.9	28.2	29.3	29.0	28.4	27.8	26.9	24.3
-82.5°	10.7	10.7	10.8	10.8	10.8	10.7	10.7	10.6	10.4	10.2	10.0
-85°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.1
-87.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	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



REPORT NUMBER: P559201 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-TSB-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°	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
85°	5.1	5.0	4.9	4.8	4.7	4.6	4.4	4.3	4.1	4.0	3.8
82.5°	9.8	9.6	9.3	9.0	8.6	8.3	7.9	7.4	7.0	6.5	6.0
80°	21.8	19.4	17.5	17.0	16.4	15.5	14.4	12.9	11.5	10.5	9.8
77.5°	39.8	34.3	30.2	29.6	28.7	27.5	25.6	22.8	20.5	18.3	16.5
75°	62.1	52.6	46.2	45.5	44.5	43.1	40.8	37.2	33.4	29.4	25.9
72.5°	91.1	73.9	64.4	63.6	62.3	60.9	59.0	55.9	51.1	44.7	39.0
70°	121.4	96.5	85.1	84.0	82.5	80.7	78.6	76.3	73.6	69.2	60.3
67.5°	145.3	118.7	109.0	107.6	106.2	103.9	99.4	95.5	92.1	88.5	79.5
65°	167.4	144.6	140.1	139.2	136.8	132.5	122.1	114.4	108.9	104.1	94.6
62.5°	194.3	175.7	175.4	173.8	171.0	164.7	151.0	138.6	127.3	117.5	109.5
60°	223.5	208.7	208.1	206.8	204.7	197.0	182.2	166.3	149.2	138.2	127.3
57.5°	259.7	246.7	244.1	240.5	236.0	224.5	210.7	196.3	179.1	163.4	148.3
55°	307.8	294.9	287.7	279.5	270.7	254.7	237.9	221.4	206.1	192.0	174.6
52.5°	369.4	355.6	341.9	326.3	310.4	289.1	267.7	248.9	231.6	216.1	200.0
50°	450.9	431.1	409.1	386.7	360.6	329.6	303.1	279.0	259.5	241.4	223.1
47.5°	555.3	524.3	490.1	459.7	422.6	383.0	348.0	314.1	291.7	267.5	247.2
45°	630.5	612.5	589.9	546.5	497.2	451.6	403.2	364.3	328.5	299.9	271.5
42.5°	682.3	669.2	650.9	623.0	586.3	530.1	473.7	422.6	376.1	336.3	300.1
40°	729.7	709.2	692.9	673.6	643.5	608.9	552.2	487.9	431.7	380.2	329.2
37.5°	785.3	755.8	734.0	710.6	687.1	656.6	620.2	562.8	491.2	426.1	364.7
35°	854.8	817.9	784.5	754.6	725.0	694.1	662.2	624.1	558.6	476.3	402.7
32.5°	943.0	896.7	851.1	809.9	764.2	726.9	694.1	660.3	616.6	533.2	448.1
30°	806.4	907.9	928.3	871.1	811.4	759.9	722.0	688.3	647.6	590.6	494.0
27.5°	783.7	777.8	890.1	935.2	861.8	799.2	751.8	712.9	676.4	626.4	546.4
25°	847.8	795.7	785.0	888.0	922.0	844.3	787.0	740.5	698.2	656.0	608.5
22.5°	973.0	867.2	799.1	785.1	912.7	902.4	829.5	769.4	723.7	696.7	651.5
20°	1178.3	982.0	860.3	800.5	827.5	956.8	872.7	808.9	766.7	734.4	691.3
17.5°	1384.1	1163.1	952.9	831.9	803.1	894.7	924.4	856.6	804.2	773.1	731.0
15°	1571.2	1331.1	1094.7	912.6	817.9	834.9	969.7	900.6	839.5	808.8	763.6
12.5°	1691.7	1479.4	1223.8	984.5	844.2	813.7	943.7	939.8	876.7	829.8	784.6
10°	1803.9	1583.4	1334.4	1083.8	900.3	825.6	905.3	972.1	906.3	846.6	801.5
7.5°	1940.1	1646.1	1416.5	1160.1	937.4	830.7	875.5	1001.4	933.5	863.7	814.7
5°	2024.2	1689.4	1465.3	1204.3	954.3	830.6	853.0	1027.6	957.6	880.1	824.7
2.5°	2076.4	1713.6	1489.1	1228.0	959.0	826.2	843.0	1051.6	981.4	889.5	827.3
0°	2083.9	1710.2	1503.1	1236.9	957.3	817.4	849.7	1072.9	1003.0	895.4	828.2
-2.5°	2076.4	1713.6	1489.1	1228.0	959.0	826.2	843.0	1051.6	981.4	889.5	827.3
-5°	2024.2	1689.4	1465.3	1204.3	954.3	830.6	853.0	1027.6	957.6	880.1	824.7
-7.5°	1940.1	1646.1	1416.5	1160.1	937.4	830.7	875.5	1001.4	933.5	863.7	814.7
-10°	1803.9	1583.4	1334.4	1083.8	900.3	825.6	905.3	972.1	906.3	846.6	801.5
-12.5°	1691.7	1479.4	1223.8	984.5	844.2	813.7	943.7	939.8	876.7	829.8	784.6
-15°	1571.2	1331.1	1094.7	912.6	817.9	834.9	969.7	900.6	839.5	808.8	763.6
-17.5°	1384.1	1163.1	952.9	831.9	803.1	894.7	924.4	856.6	804.2	773.1	731.0
-20°	1178.3	982.0	860.3	800.5	827.5	956.8	872.7	808.9	766.7	734.4	691.3



REPORT NUMBER: P559201 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	973.0	867.2	799.1	785.1	912.7	902.4	829.5	769.4	723.7	696.7	651.5
-25°	847.8	795.7	785.0	888.0	922.0	844.3	787.0	740.5	698.2	656.0	608.5
-27.5°	783.7	777.8	890.1	935.2	861.8	799.2	751.8	712.9	676.4	626.4	546.4
-30°	806.4	907.9	928.3	871.1	811.4	759.9	722.0	688.3	647.6	590.6	494.0
-32.5°	943.0	896.7	851.1	809.9	764.2	726.9	694.1	660.3	616.6	533.2	448.1
-35°	854.8	817.9	784.5	754.6	725.0	694.1	662.2	624.1	558.6	476.3	402.7
-37.5°	785.3	755.8	734.0	710.6	687.1	656.6	620.2	562.8	491.2	426.1	364.7
-40°	729.7	709.2	692.9	673.6	643.5	608.9	552.2	487.9	431.7	380.2	329.2
-42.5°	682.3	669.2	650.9	623.0	586.3	530.1	473.7	422.6	376.1	336.3	300.1
-45°	630.5	612.5	589.9	546.5	497.2	451.6	403.2	364.3	328.5	299.9	271.5
-47.5°	555.3	524.3	490.1	459.7	422.6	383.0	348.0	314.1	291.7	267.5	247.2
-50°	450.9	431.1	409.1	386.7	360.6	329.6	303.1	279.0	259.5	241.4	223.1
-52.5°	369.4	355.6	341.9	326.3	310.4	289.1	267.7	248.9	231.6	216.1	200.0
-55°	307.8	294.9	287.7	279.5	270.7	254.7	237.9	221.4	206.1	192.0	174.6
-57.5°	259.7	246.7	244.1	240.5	236.0	224.5	210.7	196.3	179.1	163.4	148.3
-60°	223.5	208.7	208.1	206.8	204.7	197.0	182.2	166.3	149.2	138.2	127.3
-62.5°	194.3	175.7	175.4	173.8	171.0	164.7	151.0	138.6	127.3	117.5	109.5
-65°	167.4	144.6	140.1	139.2	136.8	132.5	122.1	114.4	108.9	104.1	94.6
-67.5°	145.3	118.7	109.0	107.6	106.2	103.9	99.4	95.5	92.1	88.5	79.5
-70°	121.4	96.5	85.1	84.0	82.5	80.7	78.6	76.3	73.6	69.2	60.3
-72.5°	91.1	73.9	64.4	63.6	62.3	60.9	59.0	55.9	51.1	44.7	39.0
-75°	62.1	52.6	46.2	45.5	44.5	43.1	40.8	37.2	33.4	29.4	25.9
-77.5°	39.8	34.3	30.2	29.6	28.7	27.5	25.6	22.8	20.5	18.3	16.5
-80°	21.8	19.4	17.5	17.0	16.4	15.5	14.4	12.9	11.5	10.5	9.8
-82.5°	9.8	9.6	9.3	9.0	8.6	8.3	7.9	7.4	7.0	6.5	6.0
-85°	5.1	5.0	4.9	4.8	4.7	4.6	4.4	4.3	4.1	4.0	3.8
-87.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559201 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-TSB-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°	1.8	1.7	1.6	1.6	1.8	2.0	2.2	2.3	2.1	1.8	1.6
85°	3.6	3.5	3.3	3.1	3.5	4.1	4.4	4.6	4.1	3.7	3.2
82.5°	5.5	5.2	4.9	4.7	4.6	4.7	5.0	5.4	5.4	5.4	4.9
80°	9.2	8.4	7.7	6.9	6.2	5.4	5.3	5.4	5.4	5.4	5.4
77.5°	15.0	13.2	11.2	10.0	9.0	8.0	7.0	5.9	5.4	5.4	5.4
75°	23.0	21.0	18.9	16.3	13.3	10.7	9.4	8.3	7.1	5.6	5.4
72.5°	35.5	31.8	28.0	23.5	19.7	16.2	12.9	10.6	9.4	7.9	6.0
70°	51.5	44.2	39.2	33.4	27.3	21.7	17.8	14.7	11.9	10.2	8.1
67.5°	70.0	59.8	51.4	43.4	36.1	29.3	22.8	19.3	16.2	12.6	10.3
65°	84.1	73.7	63.6	54.3	45.3	37.0	29.7	24.6	20.6	16.6	12.5
62.5°	98.8	86.2	75.3	65.1	55.0	45.3	36.6	31.6	25.4	20.7	15.8
60°	115.5	102.8	87.6	75.8	64.6	53.7	45.0	38.7	32.2	24.8	19.5
57.5°	135.5	121.1	103.8	87.6	74.4	62.3	53.9	46.8	38.9	30.6	23.2
55°	157.2	140.3	119.7	101.1	84.8	71.1	63.5	55.6	46.1	36.9	27.2
52.5°	181.7	159.3	136.2	114.5	95.8	81.5	74.5	64.5	54.4	43.2	33.2
50°	204.7	179.3	153.1	129.0	106.5	94.8	86.1	75.3	62.9	49.9	39.7
47.5°	223.8	197.5	170.7	143.3	119.0	109.3	99.5	86.6	71.4	57.6	46.4
45°	243.2	214.0	186.7	158.7	136.0	125.5	114.1	98.4	82.1	66.8	53.3
42.5°	262.6	231.2	201.0	173.0	155.5	142.1	129.6	112.3	93.0	76.4	61.2
40°	287.0	248.8	215.1	190.3	174.5	158.4	144.6	127.0	104.4	87.0	69.9
37.5°	310.9	268.8	230.9	208.9	192.5	175.3	159.3	142.2	118.9	99.0	78.7
35°	341.7	289.7	252.9	228.3	209.0	191.4	173.7	156.8	135.5	111.2	87.7
32.5°	371.4	316.1	278.4	248.0	224.6	206.8	187.8	175.3	152.8	123.5	96.8
30°	411.2	351.2	303.2	266.6	240.2	220.7	205.4	196.1	170.7	135.9	106.2
27.5°	460.4	385.7	328.7	287.3	256.6	234.5	229.0	219.1	189.1	149.3	116.4
25°	510.4	426.6	359.3	308.3	271.8	257.9	252.2	243.8	208.2	164.3	126.5
22.5°	565.7	468.1	388.9	328.0	297.9	280.4	274.4	264.7	228.3	179.4	136.3
20°	619.2	507.5	419.3	361.0	326.0	304.5	295.2	285.4	249.3	194.4	145.9
17.5°	668.0	551.7	462.0	397.0	354.6	328.1	315.3	305.7	270.8	209.1	155.3
15°	700.5	599.1	501.9	430.6	381.9	351.1	334.8	325.5	292.7	223.5	162.0
12.5°	728.0	640.4	537.8	461.9	408.1	373.5	353.6	345.0	314.5	232.9	165.5
10°	751.1	676.1	569.9	490.9	433.1	395.2	371.9	358.8	322.8	237.6	168.5
7.5°	770.0	706.2	598.4	517.6	453.5	406.1	374.6	361.2	327.9	241.1	171.1
5°	783.3	724.0	611.9	524.6	455.0	405.3	374.7	363.2	331.3	243.4	173.1
2.5°	785.3	725.8	615.3	526.9	455.4	403.4	374.4	364.8	333.2	244.6	174.4
0°	785.2	723.3	615.8	527.0	454.4	400.7	373.8	365.7	333.4	244.7	174.8
-2.5°	785.3	725.8	615.3	526.9	455.4	403.4	374.4	364.8	333.2	244.6	174.4
-5°	783.3	724.0	611.9	524.6	455.0	405.3	374.7	363.2	331.3	243.4	173.1
-7.5°	770.0	706.2	598.4	517.6	453.5	406.1	374.6	361.2	327.9	241.1	171.1
-10°	751.1	676.1	569.9	490.9	433.1	395.2	371.9	358.8	322.8	237.6	168.5
-12.5°	728.0	640.4	537.8	461.9	408.1	373.5	353.6	345.0	314.5	232.9	165.5
-15°	700.5	599.1	501.9	430.6	381.9	351.1	334.8	325.5	292.7	223.5	162.0
-17.5°	668.0	551.7	462.0	397.0	354.6	328.1	315.3	305.7	270.8	209.1	155.3
-20°	619.2	507.5	419.3	361.0	326.0	304.5	295.2	285.4	249.3	194.4	145.9



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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°	565.7	468.1	388.9	328.0	297.9	280.4	274.4	264.7	228.3	179.4	136.3
-25°	510.4	426.6	359.3	308.3	271.8	257.9	252.2	243.8	208.2	164.3	126.5
-27.5°	460.4	385.7	328.7	287.3	256.6	234.5	229.0	219.1	189.1	149.3	116.4
-30°	411.2	351.2	303.2	266.6	240.2	220.7	205.4	196.1	170.7	135.9	106.2
-32.5°	371.4	316.1	278.4	248.0	224.6	206.8	187.8	175.3	152.8	123.5	96.8
-35°	341.7	289.7	252.9	228.3	209.0	191.4	173.7	156.8	135.5	111.2	87.7
-37.5°	310.9	268.8	230.9	208.9	192.5	175.3	159.3	142.2	118.9	99.0	78.7
-40°	287.0	248.8	215.1	190.3	174.5	158.4	144.6	127.0	104.4	87.0	69.9
-42.5°	262.6	231.2	201.0	173.0	155.5	142.1	129.6	112.3	93.0	76.4	61.2
-45°	243.2	214.0	186.7	158.7	136.0	125.5	114.1	98.4	82.1	66.8	53.3
-47.5°	223.8	197.5	170.7	143.3	119.0	109.3	99.5	86.6	71.4	57.6	46.4
-50°	204.7	179.3	153.1	129.0	106.5	94.8	86.1	75.3	62.9	49.9	39.7
-52.5°	181.7	159.3	136.2	114.5	95.8	81.5	74.5	64.5	54.4	43.2	33.2
-55°	157.2	140.3	119.7	101.1	84.8	71.1	63.5	55.6	46.1	36.9	27.2
-57.5°	135.5	121.1	103.8	87.6	74.4	62.3	53.9	46.8	38.9	30.6	23.2
-60°	115.5	102.8	87.6	75.8	64.6	53.7	45.0	38.7	32.2	24.8	19.5
-62.5°	98.8	86.2	75.3	65.1	55.0	45.3	36.6	31.6	25.4	20.7	15.8
-65°	84.1	73.7	63.6	54.3	45.3	37.0	29.7	24.6	20.6	16.6	12.5
-67.5°	70.0	59.8	51.4	43.4	36.1	29.3	22.8	19.3	16.2	12.6	10.3
-70°	51.5	44.2	39.2	33.4	27.3	21.7	17.8	14.7	11.9	10.2	8.1
-72.5°	35.5	31.8	28.0	23.5	19.7	16.2	12.9	10.6	9.4	7.9	6.0
-75°	23.0	21.0	18.9	16.3	13.3	10.7	9.4	8.3	7.1	5.6	5.4
-77.5°	15.0	13.2	11.2	10.0	9.0	8.0	7.0	5.9	5.4	5.4	5.4
-80°	9.2	8.4	7.7	6.9	6.2	5.4	5.3	5.4	5.4	5.4	5.4
-82.5°	5.5	5.2	4.9	4.7	4.6	4.7	5.0	5.4	5.4	5.4	4.9
-85°	3.6	3.5	3.3	3.1	3.5	4.1	4.4	4.6	4.1	3.7	3.2
-87.5°	1.8	1.7	1.6	1.6	1.8	2.0	2.2	2.3	2.1	1.8	1.6
-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°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
85°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
82.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
80°	5.4	4.7	3.7	2.8	1.9	0.9	0.0
77.5°	5.4	5.4	4.7	3.5	2.3	1.2	0.0
75°	5.4	5.4	5.4	4.2	2.8	1.4	0.0
72.5°	5.4	5.4	5.4	4.9	3.2	1.6	0.0
70°	5.7	5.4	5.4	5.4	3.7	1.8	0.0
67.5°	7.7	5.4	5.4	5.4	4.1	2.1	0.0
65°	9.7	6.3	5.4	5.4	4.6	2.3	0.0
62.5°	11.7	8.1	5.4	5.4	5.0	2.5	0.0
60°	13.7	9.8	5.4	5.4	5.4	2.7	0.0
57.5°	17.2	11.6	6.8	5.4	5.4	2.9	0.0
55°	20.9	13.3	8.2	5.4	5.5	3.1	0.0
52.5°	24.7	15.3	9.6	5.4	5.5	3.3	0.0
50°	28.6	18.7	11.0	5.4	5.6	3.5	0.0
47.5°	32.8	22.1	12.4	5.6	5.6	3.6	0.0
45°	38.8	25.5	13.7	6.7	5.7	3.8	0.0
42.5°	44.9	28.9	15.0	7.6	5.8	4.0	0.0
40°	51.1	32.3	17.0	8.6	5.9	4.1	0.0
37.5°	57.4	35.7	19.6	9.5	6.0	4.3	0.0
35°	63.6	40.2	22.2	10.3	6.1	4.4	0.0
32.5°	70.3	45.1	24.7	11.0	6.3	4.6	0.0
30°	77.6	50.0	27.2	11.7	6.4	4.7	0.0
27.5°	84.8	54.7	28.8	12.2	6.5	4.8	0.0
25°	92.0	59.3	30.0	12.7	6.7	4.9	0.0
22.5°	99.0	63.0	31.0	13.0	6.8	5.0	0.0
20°	105.8	64.3	31.7	13.3	7.0	5.1	0.0
17.5°	109.4	65.1	32.2	13.5	7.1	5.1	0.0
15°	110.7	65.5	32.4	13.7	7.3	5.2	0.0
12.5°	111.5	65.4	32.4	13.8	7.4	5.3	0.0
10°	111.8	64.9	32.2	13.8	7.6	5.3	0.0
7.5°	111.6	64.0	31.8	13.8	7.7	5.4	0.0
5°	110.8	62.8	31.2	13.7	7.8	5.4	0.0
2.5°	109.5	61.1	30.5	13.6	8.0	5.4	0.0
0°	107.6	59.2	29.6	13.4	8.1	5.4	0.0
-2.5°	109.5	61.1	30.5	13.6	8.0	5.4	0.0
-5°	110.8	62.8	31.2	13.7	7.8	5.4	0.0
-7.5°	111.6	64.0	31.8	13.8	7.7	5.4	0.0
-10°	111.8	64.9	32.2	13.8	7.6	5.3	0.0
-12.5°	111.5	65.4	32.4	13.8	7.4	5.3	0.0
-15°	110.7	65.5	32.4	13.7	7.3	5.2	0.0
-17.5°	109.4	65.1	32.2	13.5	7.1	5.1	0.0
-20°	105.8	64.3	31.7	13.3	7.0	5.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	99.0	63.0	31.0	13.0	6.8	5.0	0.0
-25°	92.0	59.3	30.0	12.7	6.7	4.9	0.0
-27.5°	84.8	54.7	28.8	12.2	6.5	4.8	0.0
-30°	77.6	50.0	27.2	11.7	6.4	4.7	0.0
-32.5°	70.3	45.1	24.7	11.0	6.3	4.6	0.0
-35°	63.6	40.2	22.2	10.3	6.1	4.4	0.0
-37.5°	57.4	35.7	19.6	9.5	6.0	4.3	0.0
-40°	51.1	32.3	17.0	8.6	5.9	4.1	0.0
-42.5°	44.9	28.9	15.0	7.6	5.8	4.0	0.0
-45°	38.8	25.5	13.7	6.7	5.7	3.8	0.0
-47.5°	32.8	22.1	12.4	5.6	5.6	3.6	0.0
-50°	28.6	18.7	11.0	5.4	5.6	3.5	0.0
-52.5°	24.7	15.3	9.6	5.4	5.5	3.3	0.0
-55°	20.9	13.3	8.2	5.4	5.5	3.1	0.0
-57.5°	17.2	11.6	6.8	5.4	5.4	2.9	0.0
-60°	13.7	9.8	5.4	5.4	5.4	2.7	0.0
-62.5°	11.7	8.1	5.4	5.4	5.0	2.5	0.0
-65°	9.7	6.3	5.4	5.4	4.6	2.3	0.0
-67.5°	7.7	5.4	5.4	5.4	4.1	2.1	0.0
-70°	5.7	5.4	5.4	5.4	3.7	1.8	0.0
-72.5°	5.4	5.4	5.4	4.9	3.2	1.6	0.0
-75°	5.4	5.4	5.4	4.2	2.8	1.4	0.0
-77.5°	5.4	5.4	4.7	3.5	2.3	1.2	0.0
-80°	5.4	4.7	3.7	2.8	1.9	0.9	0.0
-82.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-85°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-87.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)