

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: P559143 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-930-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559143 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6B-930-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW SYMMETRICAL ROUND N3
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

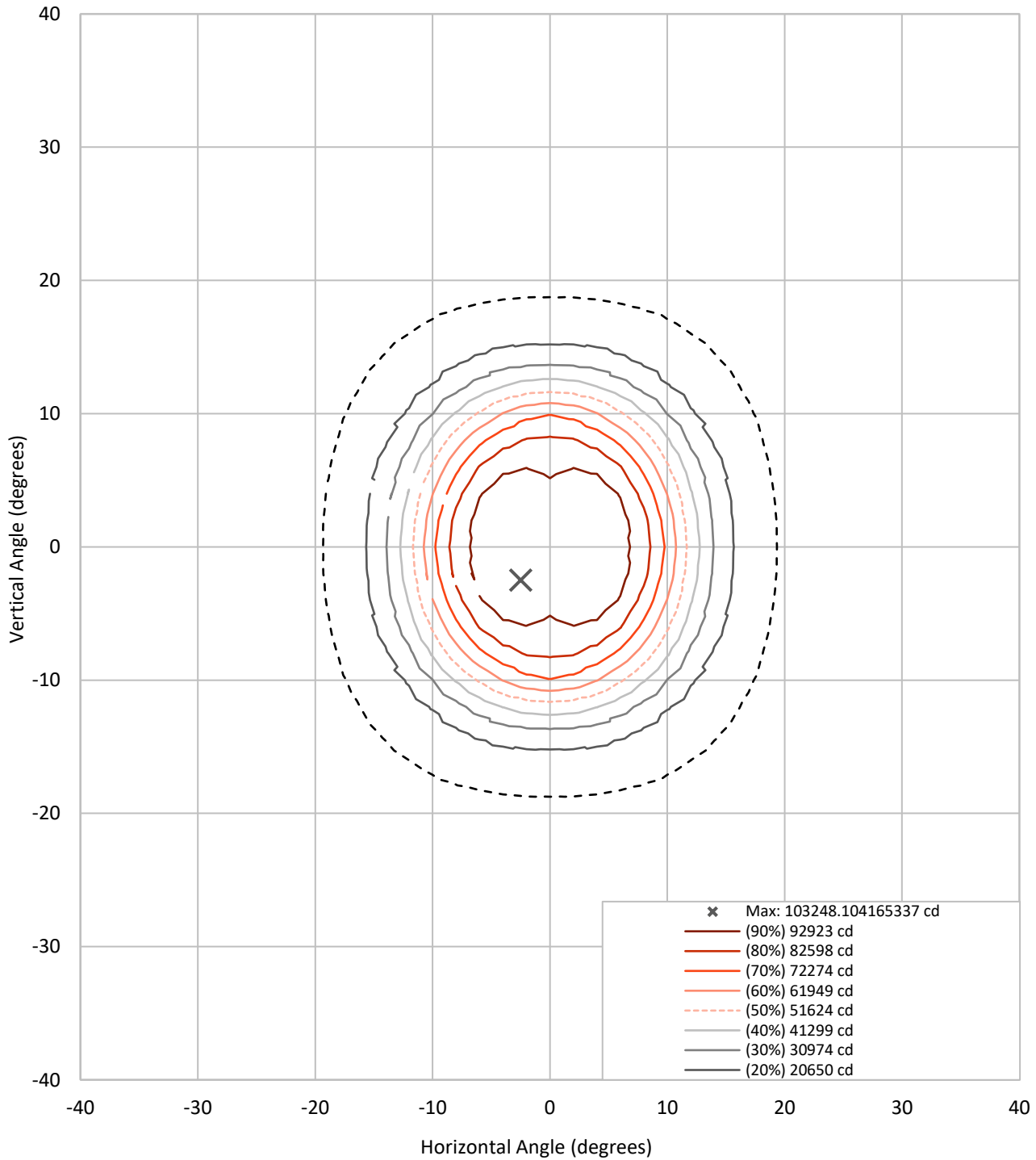
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	19524.1 lumens	Max Intensity:	103248.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	105.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	10540.4 lumens	Field Lumens:	15895.5 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 185
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





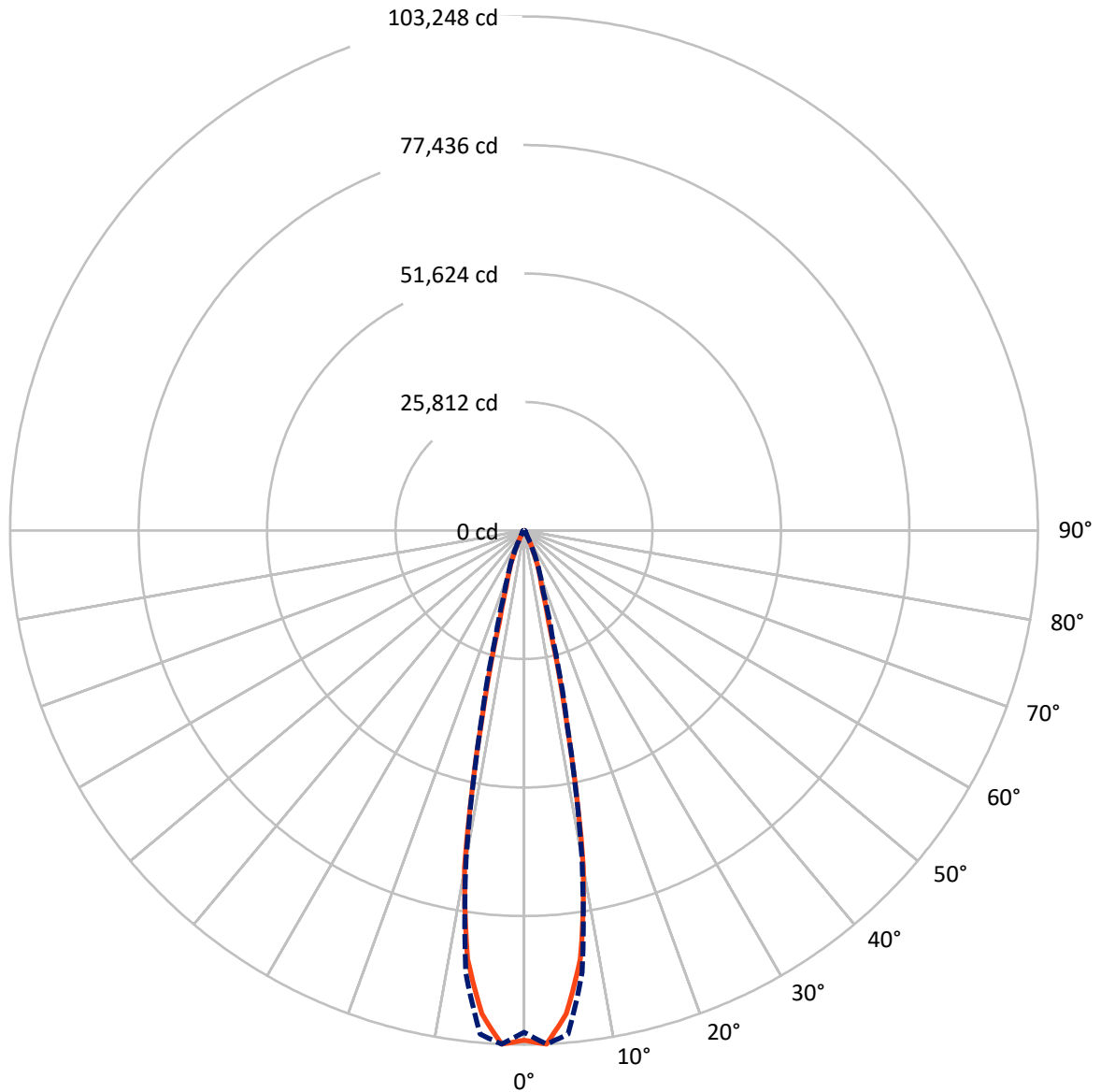
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Lumen Table

90	0.2	2.0		5.2		8.4		9.8		8.4		5.2		2.0		0.2			
80	0.2	2.0		5.2		8.4		9.8		8.4		5.2		2.0		0.2			
70	0.9	1.0	2.1	3.4	4.7	5.8	6.7	7.1	7.1	6.7	5.8	4.7	3.4	2.1	1.0	0.9			
60		1.5	3.1	4.9	6.5	7.7	8.6	8.9	8.9	8.6	7.7	6.5	4.9	3.1	1.5				
50	1.7	2.0	3.9	5.9	7.5	9.2	10.6	11.2	11.2	10.6	9.2	7.5	5.9	3.9	2.0	1.7			
40		2.4	4.5	6.6	8.9	12.1	16.0	19.1	19.1	16.0	12.1	8.9	6.6	4.5	2.4				
30	2.2	2.7	4.9	7.3	11.0	19.9	60.0	116.8	116.8	60.0	19.9	11.0	7.3	4.9	2.7	2.2			
20		2.9	5.1	7.7	13.8	59.2	273.4	702.9	702.9	273.4	59.2	13.8	7.7	5.1	2.9				
10	2.4	3.0	5.2	8.1	16.5	115.4	711.8	2514.7	2514.7	711.8	115.4	16.5	8.1	5.2	3.0	2.4			
0		3.0	5.2	8.1	16.5	115.4	711.8	2514.7	2514.7	711.8	115.4	16.5	8.1	5.2	3.0				
-10	2.2	2.9	5.1	7.7	13.8	59.2	273.4	702.9	702.9	273.4	59.2	13.8	7.7	5.1	2.9	2.2			
-20		2.7	4.9	7.3	11.0	19.9	60.0	116.8	116.8	60.0	19.9	11.0	7.3	4.9	2.7				
-30	1.7	2.4	4.5	6.6	8.9	12.1	16.0	19.1	19.1	16.0	12.1	8.9	6.6	4.5	2.4	1.7			
-40		2.0	3.9	5.9	7.5	9.2	10.6	11.2	11.2	10.6	9.2	7.5	5.9	3.9	2.0				
-50	0.9	1.5	3.1	4.9	6.5	7.7	8.6	8.9	8.9	8.6	7.7	6.5	4.9	3.1	1.5	0.9			
-60		1.0	2.1	3.4	4.7	5.8	6.7	7.1	7.1	6.7	5.8	4.7	3.4	2.1	1.0				
-70	0.2	2.0		5.2		8.4		9.8		8.4		5.2		2.0		0.2			
-80		2.0		5.2		8.4		9.8		8.4		5.2		2.0					
-90	0.2	2.0		5.2		8.4		9.8		8.4		5.2		2.0		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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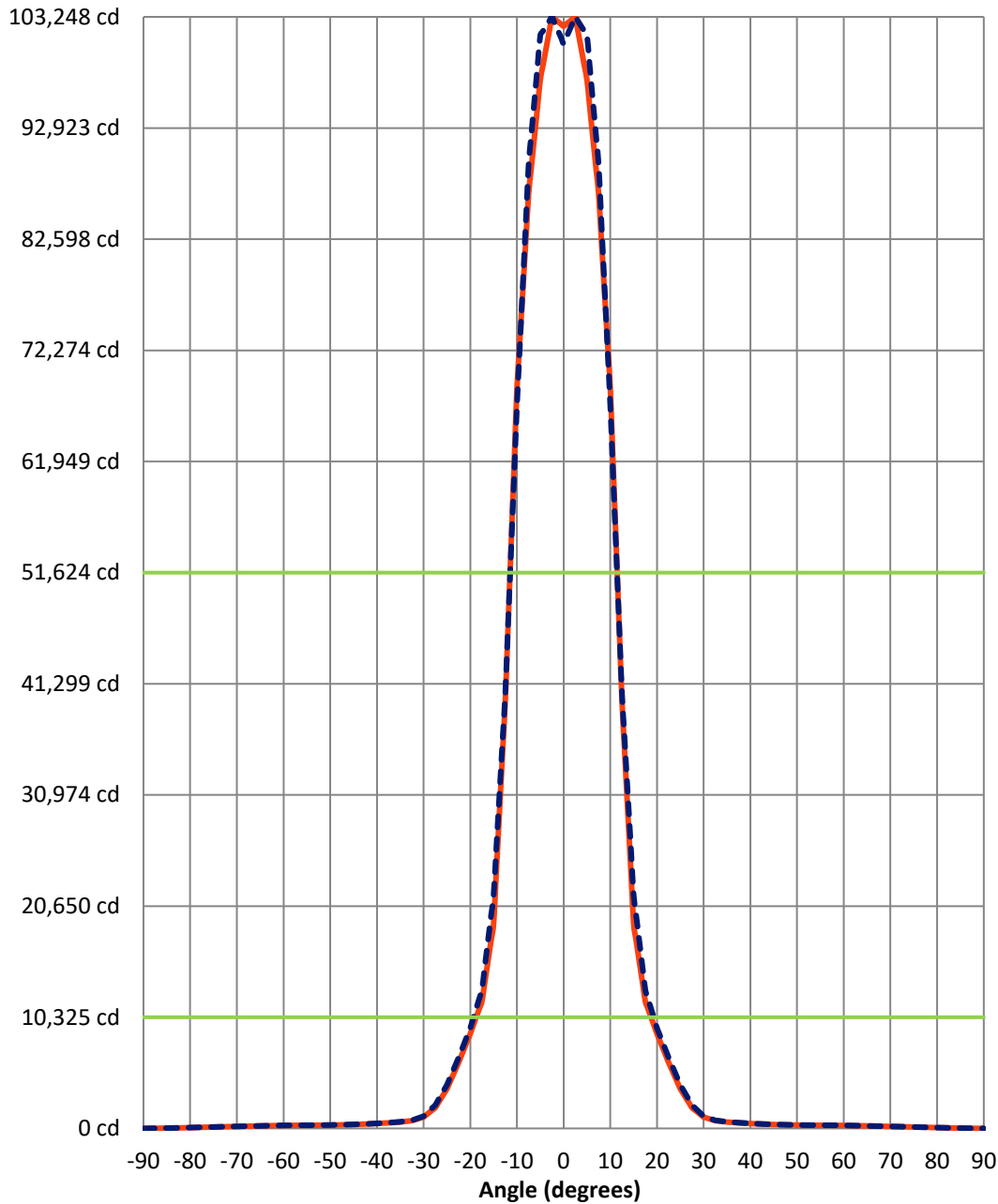
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 22.9°
 V Angle: 22.9°
 Lumens: 10540.4
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 15895.5
 Efficiency: 81.4%

Spill:
 Lumens: 3628.6
 Efficiency: 18.6%

— Vertical Distribution through -2.5-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	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
85°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.6	7.5	8.4	9.3
82.5°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.4	13.6	15.8
80°	0.0	1.9	3.8	5.7	7.6	9.5	11.5	14.3	17.2	20.3	23.4
77.5°	0.0	2.4	4.8	7.1	9.5	12.3	15.7	19.3	23.0	26.9	31.1
75°	0.0	2.8	5.7	8.5	11.5	15.8	19.8	24.2	28.8	34.3	39.4
72.5°	0.0	3.3	6.6	9.9	14.4	19.4	24.0	29.3	35.8	41.9	47.7
70°	0.0	3.8	7.5	11.4	17.3	22.9	28.2	35.5	42.7	49.5	57.6
67.5°	0.0	4.2	8.4	13.6	20.1	26.3	33.5	41.6	49.5	58.7	67.8
65°	0.0	4.6	9.3	15.7	22.9	30.2	38.7	47.6	57.6	67.8	78.1
62.5°	0.0	5.1	10.1	17.8	25.7	34.3	43.8	54.2	65.5	76.8	88.6
60°	0.0	5.5	11.0	19.9	28.4	38.4	48.7	61.0	73.3	86.2	99.0
57.5°	0.0	5.9	12.3	21.9	31.5	42.4	54.4	67.7	81.4	95.3	109.1
55°	0.0	6.3	13.7	23.9	34.5	46.2	59.9	74.2	89.3	104.3	119.1
52.5°	0.0	6.7	14.9	25.8	37.5	50.0	65.3	80.9	97.0	112.9	128.7
50°	0.0	7.1	16.2	27.7	40.3	54.4	70.6	87.6	104.5	121.4	138.4
47.5°	0.0	7.4	17.4	29.6	43.0	58.6	75.7	94.0	111.7	129.5	147.8
45°	0.0	7.8	18.5	31.5	45.6	62.6	81.0	100.2	118.8	137.8	157.0
42.5°	0.0	8.1	19.6	33.4	48.1	66.5	86.2	106.2	125.6	145.9	165.2
40°	0.0	8.4	20.7	35.1	50.8	70.2	91.2	111.9	132.2	153.6	172.9
37.5°	0.0	8.7	21.7	36.8	53.6	73.7	95.9	117.3	138.7	160.7	180.2
35°	0.0	9.0	22.6	38.3	56.2	77.3	100.5	122.4	144.8	166.7	187.2
32.5°	0.0	9.3	23.5	39.8	58.7	80.9	104.7	127.3	150.5	172.5	193.9
30°	0.0	9.5	24.3	41.2	61.1	84.2	108.6	131.9	155.8	177.8	200.1
27.5°	0.0	9.8	25.1	42.5	63.3	87.3	112.2	136.2	160.5	182.8	205.7
25°	0.0	10.0	25.8	43.6	65.4	90.2	115.5	140.1	164.6	187.4	210.6
22.5°	0.0	10.2	26.4	44.7	67.3	92.8	118.6	143.7	168.3	191.5	215.0
20°	0.0	10.3	27.0	45.6	69.1	95.2	121.3	146.9	171.6	195.1	218.9
17.5°	0.0	10.5	27.5	46.5	70.7	97.3	123.7	149.7	174.6	198.2	222.3
15°	0.0	10.6	28.0	47.2	72.1	99.2	125.8	152.2	177.2	200.8	225.2
12.5°	0.0	10.7	28.3	47.9	73.4	100.7	127.5	154.2	179.4	202.9	227.6
10°	0.0	10.8	28.6	48.4	74.4	101.9	128.9	155.9	181.2	205.0	229.6
7.5°	0.0	10.9	28.9	48.8	75.3	102.9	130.1	157.2	182.6	206.9	231.0
5°	0.0	11.0	29.1	49.1	76.0	103.6	130.9	158.1	183.6	208.4	231.8
2.5°	0.0	11.0	29.2	49.2	76.4	104.0	131.3	158.7	184.2	209.4	232.1
0°	0.0	11.0	29.2	49.3	76.7	104.1	131.5	158.9	184.4	210.0	231.9
-2.5°	0.0	11.0	29.2	49.3	76.7	104.1	131.5	158.9	184.4	210.0	231.9
-5°	0.0	11.0	29.1	49.1	76.0	103.6	130.9	158.1	183.6	208.4	231.8
-7.5°	0.0	10.9	28.9	48.8	75.3	102.9	130.1	157.2	182.6	206.9	231.0
-10°	0.0	10.8	28.6	48.4	74.4	101.9	128.9	155.9	181.2	205.0	229.6
-12.5°	0.0	10.7	28.3	47.9	73.4	100.7	127.5	154.2	179.4	202.9	227.6
-15°	0.0	10.6	28.0	47.2	72.1	99.2	125.8	152.2	177.2	200.8	225.2
-17.5°	0.0	10.5	27.5	46.5	70.7	97.3	123.7	149.7	174.6	198.2	222.3
-20°	0.0	10.3	27.0	45.6	69.1	95.2	121.3	146.9	171.6	195.1	218.9



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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	10.2	26.4	44.7	67.3	92.8	118.6	143.7	168.3	191.5	215.0
-25°	0.0	10.0	25.8	43.6	65.4	90.2	115.5	140.1	164.6	187.4	210.6
-27.5°	0.0	9.8	25.1	42.5	63.3	87.3	112.2	136.2	160.5	182.8	205.7
-30°	0.0	9.5	24.3	41.2	61.1	84.2	108.6	131.9	155.8	177.8	200.1
-32.5°	0.0	9.3	23.5	39.8	58.7	80.9	104.7	127.3	150.5	172.5	193.9
-35°	0.0	9.0	22.6	38.3	56.2	77.3	100.5	122.4	144.8	166.7	187.2
-37.5°	0.0	8.7	21.7	36.8	53.6	73.7	95.9	117.3	138.7	160.7	180.2
-40°	0.0	8.4	20.7	35.1	50.8	70.2	91.2	111.9	132.2	153.6	172.9
-42.5°	0.0	8.1	19.6	33.4	48.1	66.5	86.2	106.2	125.6	145.9	165.2
-45°	0.0	7.8	18.5	31.5	45.6	62.6	81.0	100.2	118.8	137.8	157.0
-47.5°	0.0	7.4	17.4	29.6	43.0	58.6	75.7	94.0	111.7	129.5	147.8
-50°	0.0	7.1	16.2	27.7	40.3	54.4	70.6	87.6	104.5	121.4	138.4
-52.5°	0.0	6.7	14.9	25.8	37.5	50.0	65.3	80.9	97.0	112.9	128.7
-55°	0.0	6.3	13.7	23.9	34.5	46.2	59.9	74.2	89.3	104.3	119.1
-57.5°	0.0	5.9	12.3	21.9	31.5	42.4	54.4	67.7	81.4	95.3	109.1
-60°	0.0	5.5	11.0	19.9	28.4	38.4	48.7	61.0	73.3	86.2	99.0
-62.5°	0.0	5.1	10.1	17.8	25.7	34.3	43.8	54.2	65.5	76.8	88.6
-65°	0.0	4.6	9.3	15.7	22.9	30.2	38.7	47.6	57.6	67.8	78.1
-67.5°	0.0	4.2	8.4	13.6	20.1	26.3	33.5	41.6	49.5	58.7	67.8
-70°	0.0	3.8	7.5	11.4	17.3	22.9	28.2	35.5	42.7	49.5	57.6
-72.5°	0.0	3.3	6.6	9.9	14.4	19.4	24.0	29.3	35.8	41.9	47.7
-75°	0.0	2.8	5.7	8.5	11.5	15.8	19.8	24.2	28.8	34.3	39.4
-77.5°	0.0	2.4	4.8	7.1	9.5	12.3	15.7	19.3	23.0	26.9	31.1
-80°	0.0	1.9	3.8	5.7	7.6	9.5	11.5	14.3	17.2	20.3	23.4
-82.5°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.4	13.6	15.8
-85°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.6	7.5	8.4	9.3
-87.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
-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):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	5.5	5.9	6.3	6.7	7.1	7.4	7.8	8.1	8.4	8.7
85°	10.1	11.0	12.2	13.4	14.5	15.4	16.3	17.0	18.1	19.2	20.3
82.5°	17.8	19.6	21.3	22.8	24.2	25.4	26.6	28.4	30.8	33.0	34.9
80°	26.0	28.2	30.9	33.7	36.5	39.4	42.2	45.1	47.6	50.0	52.5
77.5°	34.9	38.5	42.3	46.1	50.0	54.4	58.6	62.6	66.4	70.1	73.7
75°	44.1	48.8	54.4	59.9	65.3	70.6	75.7	80.9	85.9	90.6	95.2
72.5°	54.2	61.0	67.7	74.2	81.3	88.0	94.2	100.1	106.1	112.2	117.9
70°	65.5	73.3	81.6	90.1	98.3	105.8	113.2	120.8	128.3	134.8	140.4
67.5°	76.9	86.4	96.1	105.7	114.7	123.4	132.2	140.7	148.5	155.2	161.7
65°	88.7	99.4	110.0	120.4	130.5	140.7	150.4	159.4	167.9	175.5	182.8
62.5°	100.2	112.0	123.5	135.0	146.8	158.0	168.1	177.8	187.0	195.2	203.1
60°	111.6	124.3	137.0	149.8	162.6	174.4	185.3	195.3	204.8	213.9	222.0
57.5°	122.7	136.3	150.2	164.0	177.4	190.2	201.3	212.0	221.6	230.8	239.3
55°	133.7	148.1	162.9	177.5	191.5	204.7	216.5	227.2	237.5	246.0	254.0
52.5°	144.5	159.6	175.1	190.4	204.7	218.3	230.6	241.4	250.8	259.4	266.5
50°	155.1	170.8	186.9	202.3	217.1	230.9	243.3	253.8	262.7	270.6	277.3
47.5°	165.0	181.6	197.6	213.7	228.6	242.3	254.5	264.3	273.1	280.2	286.4
45°	174.4	191.8	208.4	224.1	239.3	252.8	264.1	273.9	281.9	289.1	295.4
42.5°	183.4	201.5	218.4	234.1	249.0	262.0	273.0	282.2	290.4	297.5	304.4
40°	192.1	211.0	228.0	243.5	258.1	270.4	280.7	290.1	298.2	306.1	313.7
37.5°	200.4	219.7	237.3	252.9	265.7	277.8	288.0	297.2	306.4	315.1	325.3
35°	208.5	228.0	245.7	261.1	273.7	284.2	294.7	304.8	315.3	326.4	338.3
32.5°	216.0	236.0	253.9	268.1	279.9	290.5	301.4	313.5	326.0	338.6	353.1
30°	222.6	243.2	261.2	274.5	285.5	296.0	308.8	322.8	337.4	351.9	368.8
27.5°	228.5	250.0	266.8	279.6	290.4	300.5	314.8	332.9	348.7	364.2	382.9
25°	233.8	255.4	271.9	284.0	294.1	305.0	319.8	338.3	358.3	375.2	401.3
22.5°	238.4	260.3	276.6	287.8	296.9	308.7	323.7	342.0	362.6	383.8	419.9
20°	242.4	263.9	280.6	291.1	299.1	311.4	325.9	344.6	367.4	398.1	438.1
17.5°	245.9	267.6	283.6	293.2	301.8	313.4	326.7	346.1	372.6	411.0	454.8
15°	248.9	271.1	286.1	295.0	303.9	315.3	329.7	350.0	380.5	422.9	470.1
12.5°	251.3	274.5	288.2	296.5	305.2	316.7	333.0	356.1	390.0	434.8	487.0
10°	253.3	277.7	289.8	297.6	305.9	317.7	335.8	360.9	397.8	445.8	502.0
7.5°	255.0	280.2	291.1	298.5	306.0	318.2	338.0	364.3	403.5	454.8	514.6
5°	256.4	281.8	292.3	299.1	305.9	318.4	339.7	366.5	407.1	461.7	523.9
2.5°	257.2	282.8	293.3	299.4	305.6	318.3	341.0	370.1	411.5	466.8	529.6
0°	257.5	283.1	294.0	299.5	305.0	317.8	341.5	372.5	414.5	469.3	531.4
-2.5°	257.2	282.8	293.3	299.4	305.6	318.3	341.0	370.1	411.5	466.8	529.6
-5°	256.4	281.8	292.3	299.1	305.9	318.4	339.7	366.5	407.1	461.7	523.9
-7.5°	255.0	280.2	291.1	298.5	306.0	318.2	338.0	364.3	403.5	454.8	514.6
-10°	253.3	277.7	289.8	297.6	305.9	317.7	335.8	360.9	397.8	445.8	502.0
-12.5°	251.3	274.5	288.2	296.5	305.2	316.7	333.0	356.1	390.0	434.8	487.0
-15°	248.9	271.1	286.1	295.0	303.9	315.3	329.7	350.0	380.5	422.9	470.1
-17.5°	245.9	267.6	283.6	293.2	301.8	313.4	326.7	346.1	372.6	411.0	454.8
-20°	242.4	263.9	280.6	291.1	299.1	311.4	325.9	344.6	367.4	398.1	438.1



REPORT NUMBER: P559143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	238.4	260.3	276.6	287.8	296.9	308.7	323.7	342.0	362.6	383.8	419.9
-25°	233.8	255.4	271.9	284.0	294.1	305.0	319.8	338.3	358.3	375.2	401.3
-27.5°	228.5	250.0	266.8	279.6	290.4	300.5	314.8	332.9	348.7	364.2	382.9
-30°	222.6	243.2	261.2	274.5	285.5	296.0	308.8	322.8	337.4	351.9	368.8
-32.5°	216.0	236.0	253.9	268.1	279.9	290.5	301.4	313.5	326.0	338.6	353.1
-35°	208.5	228.0	245.7	261.1	273.7	284.2	294.7	304.8	315.3	326.4	338.3
-37.5°	200.4	219.7	237.3	252.9	265.7	277.8	288.0	297.2	306.4	315.1	325.3
-40°	192.1	211.0	228.0	243.5	258.1	270.4	280.7	290.1	298.2	306.1	313.7
-42.5°	183.4	201.5	218.4	234.1	249.0	262.0	273.0	282.2	290.4	297.5	304.4
-45°	174.4	191.8	208.4	224.1	239.3	252.8	264.1	273.9	281.9	289.1	295.4
-47.5°	165.0	181.6	197.6	213.7	228.6	242.3	254.5	264.3	273.1	280.2	286.4
-50°	155.1	170.8	186.9	202.3	217.1	230.9	243.3	253.8	262.7	270.6	277.3
-52.5°	144.5	159.6	175.1	190.4	204.7	218.3	230.6	241.4	250.8	259.4	266.5
-55°	133.7	148.1	162.9	177.5	191.5	204.7	216.5	227.2	237.5	246.0	254.0
-57.5°	122.7	136.3	150.2	164.0	177.4	190.2	201.3	212.0	221.6	230.8	239.3
-60°	111.6	124.3	137.0	149.8	162.6	174.4	185.3	195.3	204.8	213.9	222.0
-62.5°	100.2	112.0	123.5	135.0	146.8	158.0	168.1	177.8	187.0	195.2	203.1
-65°	88.7	99.4	110.0	120.4	130.5	140.7	150.4	159.4	167.9	175.5	182.8
-67.5°	76.9	86.4	96.1	105.7	114.7	123.4	132.2	140.7	148.5	155.2	161.7
-70°	65.5	73.3	81.6	90.1	98.3	105.8	113.2	120.8	128.3	134.8	140.4
-72.5°	54.2	61.0	67.7	74.2	81.3	88.0	94.2	100.1	106.1	112.2	117.9
-75°	44.1	48.8	54.4	59.9	65.3	70.6	75.7	80.9	85.9	90.6	95.2
-77.5°	34.9	38.5	42.3	46.1	50.0	54.4	58.6	62.6	66.4	70.1	73.7
-80°	26.0	28.2	30.9	33.7	36.5	39.4	42.2	45.1	47.6	50.0	52.5
-82.5°	17.8	19.6	21.3	22.8	24.2	25.4	26.6	28.4	30.8	33.0	34.9
-85°	10.1	11.0	12.2	13.4	14.5	15.4	16.3	17.0	18.1	19.2	20.3
-87.5°	5.1	5.5	5.9	6.3	6.7	7.1	7.4	7.8	8.1	8.4	8.7
-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: P559143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-NR-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°	9.0	8.9	8.7	8.5	8.3	8.8	9.4	10.0	10.6	10.7	10.8
85°	21.4	22.1	22.7	23.4	24.0	24.7	25.3	25.8	26.3	27.0	27.8
82.5°	36.5	38.0	39.4	40.7	41.8	43.2	44.6	45.8	47.0	47.8	48.3
80°	55.0	57.5	59.7	61.7	63.4	65.6	67.7	69.6	71.3	72.4	73.3
77.5°	77.2	80.3	83.1	85.9	88.4	90.9	93.0	94.7	96.0	97.7	99.3
75°	99.5	103.6	107.5	110.9	114.0	116.8	119.3	121.6	123.6	125.5	127.1
72.5°	123.0	127.7	131.9	135.7	139.3	142.9	146.2	149.2	151.7	153.9	155.7
70°	145.7	150.8	155.9	160.7	165.0	169.0	172.6	175.8	178.5	180.9	182.8
67.5°	167.7	173.5	179.2	184.6	189.3	193.5	197.6	201.3	204.7	207.3	209.1
65°	189.5	196.0	202.1	207.6	212.4	216.8	221.4	225.3	228.7	231.2	232.8
62.5°	210.7	217.7	223.6	229.3	234.8	239.4	243.3	246.9	250.2	253.0	254.7
60°	229.6	236.8	242.7	248.1	253.0	257.6	261.4	265.2	268.8	271.9	274.3
57.5°	246.3	253.0	259.0	263.8	268.3	272.3	276.1	279.2	281.7	283.6	285.3
55°	260.9	266.9	272.5	277.2	281.1	284.4	287.2	289.4	291.1	292.4	293.3
52.5°	273.3	278.9	284.4	289.0	292.0	294.7	297.2	299.8	301.3	301.6	301.4
50°	283.3	289.2	294.2	298.3	302.4	307.0	311.8	314.2	315.1	314.5	313.7
47.5°	292.5	298.2	303.6	308.8	314.7	322.4	330.2	333.9	333.7	332.0	331.2
45°	301.5	307.7	314.1	322.0	330.3	340.3	349.4	355.1	355.2	355.4	356.7
42.5°	310.9	318.6	327.3	338.0	349.0	360.2	369.9	377.0	382.3	388.8	394.3
40°	322.4	331.1	344.1	357.4	371.6	383.5	398.6	411.5	422.1	431.8	439.2
37.5°	336.0	348.4	364.9	382.0	400.4	419.0	436.6	453.0	467.0	483.1	495.0
35°	352.2	370.0	390.1	411.4	434.3	457.9	480.5	506.7	529.8	550.3	567.1
32.5°	371.2	392.7	417.2	445.5	474.3	505.4	538.0	571.6	604.0	637.8	671.5
30°	390.3	418.6	449.9	484.3	518.1	558.8	601.2	656.2	713.8	779.6	880.6
27.5°	413.5	447.3	483.8	523.4	569.7	621.8	703.5	805.2	978.7	1108.4	1456.8
25°	436.2	474.8	521.7	573.0	635.3	730.5	925.8	1151.8	1655.0	2126.1	2670.4
22.5°	459.3	507.3	563.5	626.2	734.4	979.4	1351.5	2032.8	2810.2	3635.3	4475.7
20°	482.5	539.1	609.5	714.1	940.7	1360.0	2195.1	3289.8	4394.5	5743.9	6910.9
17.5°	508.7	578.8	670.8	828.1	1201.6	2099.8	3335.1	4854.2	6563.6	8298.4	9755.0
15°	530.3	612.4	735.6	1043.2	1748.3	2939.9	4556.4	6615.7	8946.5	11139.6	13010.4
12.5°	554.1	649.7	811.7	1217.7	2252.6	3819.4	5949.7	8483.8	11279.9	14285.1	19043.2
10°	576.1	687.2	939.4	1579.9	2834.0	4708.0	7197.4	10052.7	13443.8	19460.5	30708.0
7.5°	594.6	717.0	1035.4	1849.9	3360.3	5546.4	8214.6	11394.3	16492.5	26601.0	45527.9
5°	607.3	736.8	1102.2	2051.9	3779.4	6164.8	8864.9	12277.7	19603.0	35329.4	58119.2
2.5°	616.1	747.4	1137.8	2169.7	4044.6	6574.3	9325.6	12872.1	21691.3	40378.1	67079.2
0°	622.7	750.6	1145.0	2271.8	4134.5	6713.1	9348.3	13031.7	22407.3	42349.3	70271.8
-2.5°	616.1	747.4	1137.8	2169.7	4044.6	6574.3	9325.6	12872.1	21691.3	40378.1	67079.2
-5°	607.3	736.8	1102.2	2051.9	3779.4	6164.8	8864.9	12277.7	19603.0	35329.4	58119.2
-7.5°	594.6	717.0	1035.4	1849.9	3360.3	5546.4	8214.6	11394.3	16492.5	26601.0	45527.9
-10°	576.1	687.2	939.4	1579.9	2834.0	4708.0	7197.4	10052.7	13443.8	19460.5	30708.0
-12.5°	554.1	649.7	811.7	1217.7	2252.6	3819.4	5949.7	8483.8	11279.9	14285.1	19043.2
-15°	530.3	612.4	735.6	1043.2	1748.3	2939.9	4556.4	6615.7	8946.5	11139.6	13010.4
-17.5°	508.7	578.8	670.8	828.1	1201.6	2099.8	3335.1	4854.2	6563.6	8298.4	9755.0
-20°	482.5	539.1	609.5	714.1	940.7	1360.0	2195.1	3289.8	4394.5	5743.9	6910.9



REPORT NUMBER: P559143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	459.3	507.3	563.5	626.2	734.4	979.4	1351.5	2032.8	2810.2	3635.3	4475.7
-25°	436.2	474.8	521.7	573.0	635.3	730.5	925.8	1151.8	1655.0	2126.1	2670.4
-27.5°	413.5	447.3	483.8	523.4	569.7	621.8	703.5	805.2	978.7	1108.4	1456.8
-30°	390.3	418.6	449.9	484.3	518.1	558.8	601.2	656.2	713.8	779.6	880.6
-32.5°	371.2	392.7	417.2	445.5	474.3	505.4	538.0	571.6	604.0	637.8	671.5
-35°	352.2	370.0	390.1	411.4	434.3	457.9	480.5	506.7	529.8	550.3	567.1
-37.5°	336.0	348.4	364.9	382.0	400.4	419.0	436.6	453.0	467.0	483.1	495.0
-40°	322.4	331.1	344.1	357.4	371.6	383.5	398.6	411.5	422.1	431.8	439.2
-42.5°	310.9	318.6	327.3	338.0	349.0	360.2	369.9	377.0	382.3	388.8	394.3
-45°	301.5	307.7	314.1	322.0	330.3	340.3	349.4	355.1	355.2	355.4	356.7
-47.5°	292.5	298.2	303.6	308.8	314.7	322.4	330.2	333.9	333.7	332.0	331.2
-50°	283.3	289.2	294.2	298.3	302.4	307.0	311.8	314.2	315.1	314.5	313.7
-52.5°	273.3	278.9	284.4	289.0	292.0	294.7	297.2	299.8	301.3	301.6	301.4
-55°	260.9	266.9	272.5	277.2	281.1	284.4	287.2	289.4	291.1	292.4	293.3
-57.5°	246.3	253.0	259.0	263.8	268.3	272.3	276.1	279.2	281.7	283.6	285.3
-60°	229.6	236.8	242.7	248.1	253.0	257.6	261.4	265.2	268.8	271.9	274.3
-62.5°	210.7	217.7	223.6	229.3	234.8	239.4	243.3	246.9	250.2	253.0	254.7
-65°	189.5	196.0	202.1	207.6	212.4	216.8	221.4	225.3	228.7	231.2	232.8
-67.5°	167.7	173.5	179.2	184.6	189.3	193.5	197.6	201.3	204.7	207.3	209.1
-70°	145.7	150.8	155.9	160.7	165.0	169.0	172.6	175.8	178.5	180.9	182.8
-72.5°	123.0	127.7	131.9	135.7	139.3	142.9	146.2	149.2	151.7	153.9	155.7
-75°	99.5	103.6	107.5	110.9	114.0	116.8	119.3	121.6	123.6	125.5	127.1
-77.5°	77.2	80.3	83.1	85.9	88.4	90.9	93.0	94.7	96.0	97.7	99.3
-80°	55.0	57.5	59.7	61.7	63.4	65.6	67.7	69.6	71.3	72.4	73.3
-82.5°	36.5	38.0	39.4	40.7	41.8	43.2	44.6	45.8	47.0	47.8	48.3
-85°	21.4	22.1	22.7	23.4	24.0	24.7	25.3	25.8	26.3	27.0	27.8
-87.5°	9.0	8.9	8.7	8.5	8.3	8.8	9.4	10.0	10.6	10.7	10.8
-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: P559143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-NR-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°	10.9	11.0	11.0	11.0	11.0	11.0	10.9	10.8	10.7	10.6	10.0
85°	28.4	29.1	28.3	27.4	28.3	29.1	28.4	27.8	27.0	26.3	25.8
82.5°	48.8	49.1	49.2	49.3	49.2	49.1	48.8	48.3	47.8	47.0	45.8
80°	74.0	74.5	75.7	76.7	75.7	74.5	74.0	73.3	72.4	71.3	69.6
77.5°	100.6	101.7	102.2	102.3	102.2	101.7	100.6	99.3	97.7	96.0	94.7
75°	128.2	129.1	131.3	133.3	131.3	129.1	128.2	127.1	125.5	123.6	121.6
72.5°	157.1	158.1	159.6	160.7	159.6	158.1	157.1	155.7	153.9	151.7	149.2
70°	184.3	185.4	186.1	186.3	186.1	185.4	184.3	182.8	180.9	178.5	175.8
67.5°	210.3	211.0	210.8	210.0	210.8	211.0	210.3	209.1	207.3	204.7	201.3
65°	234.0	234.7	234.6	233.8	234.6	234.7	234.0	232.8	231.2	228.7	225.3
62.5°	255.9	256.6	257.2	257.5	257.2	256.6	255.9	254.7	253.0	250.2	246.9
60°	276.4	278.2	279.1	279.4	279.1	278.2	276.4	274.3	271.9	268.8	265.2
57.5°	286.7	287.8	288.4	288.5	288.4	287.8	286.7	285.3	283.6	281.7	279.2
55°	293.8	293.8	293.2	292.2	293.2	293.8	293.8	293.3	292.4	291.1	289.4
52.5°	300.9	299.8	299.4	299.5	299.4	299.8	300.9	301.4	301.6	301.3	299.8
50°	312.7	311.0	310.3	310.5	310.3	311.0	312.7	313.7	314.5	315.1	314.2
47.5°	332.3	333.0	333.7	334.2	333.7	333.0	332.3	331.2	332.0	333.7	333.9
45°	360.4	362.9	364.5	365.2	364.5	362.9	360.4	356.7	355.4	355.2	355.1
42.5°	399.7	402.8	404.0	403.6	404.0	402.8	399.7	394.3	388.8	382.3	377.0
40°	446.9	453.1	456.6	456.5	456.6	453.1	446.9	439.2	431.8	422.1	411.5
37.5°	505.7	514.0	518.1	516.8	518.1	514.0	505.7	495.0	483.1	467.0	453.0
35°	579.9	588.1	591.4	595.3	591.4	588.1	579.9	567.1	550.3	529.8	506.7
32.5°	698.0	714.6	721.2	712.2	721.2	714.6	698.0	671.5	637.8	604.0	571.6
30°	949.0	1009.6	1050.1	1070.1	1050.1	1009.6	949.0	880.6	779.6	713.8	656.2
27.5°	1696.5	1855.2	1922.4	1959.5	1922.4	1855.2	1696.5	1456.8	1108.4	978.7	805.2
25°	3136.5	3475.2	3670.1	3654.2	3670.1	3475.2	3136.5	2670.4	2126.1	1655.0	1151.8
22.5°	5256.6	5790.9	6111.4	6229.1	6111.4	5790.9	5256.6	4475.7	3635.3	2810.2	2032.8
20°	7884.9	8484.0	8797.3	8844.2	8797.3	8484.0	7884.9	6910.9	5743.9	4394.5	3289.8
17.5°	10901.4	11469.3	11799.4	11795.4	11799.4	11469.3	10901.4	9755.0	8298.4	6563.6	4854.2
15°	15558.3	17756.7	18996.3	18815.2	18996.3	17756.7	15558.3	13010.4	11139.6	8946.5	6615.7
12.5°	25493.3	34273.9	39720.5	41065.5	39720.5	34273.9	25493.3	19043.2	14285.1	11279.9	8483.8
10°	45050.0	58186.4	68677.3	71709.0	68677.3	58186.4	45050.0	30708.0	19460.5	13443.8	10052.7
7.5°	64801.5	80392.3	86808.5	87554.0	86808.5	80392.3	64801.5	45527.9	26601.0	16492.5	11394.3
5°	79710.0	95574.1	97410.3	92797.8	97410.3	95574.1	79710.0	58119.2	35329.4	19603.0	12277.7
2.5°	89550.9	101536.4	103248.1	100765.5	103248.1	101536.4	89550.9	67079.2	40378.1	21691.3	12872.1
0°	91795.2	99951.0	102382.6	102648.3	102382.6	99951.0	91795.2	70271.8	42349.3	22407.3	13031.7
-2.5°	89550.9	101536.4	103248.1	100765.5	103248.1	101536.4	89550.9	67079.2	40378.1	21691.3	12872.1
-5°	79710.0	95574.1	97410.3	92797.8	97410.3	95574.1	79710.0	58119.2	35329.4	19603.0	12277.7
-7.5°	64801.5	80392.3	86808.5	87554.0	86808.5	80392.3	64801.5	45527.9	26601.0	16492.5	11394.3
-10°	45050.0	58186.4	68677.3	71709.0	68677.3	58186.4	45050.0	30708.0	19460.5	13443.8	10052.7
-12.5°	25493.3	34273.9	39720.5	41065.5	39720.5	34273.9	25493.3	19043.2	14285.1	11279.9	8483.8
-15°	15558.3	17756.7	18996.3	18815.2	18996.3	17756.7	15558.3	13010.4	11139.6	8946.5	6615.7
-17.5°	10901.4	11469.3	11799.4	11795.4	11799.4	11469.3	10901.4	9755.0	8298.4	6563.6	4854.2
-20°	7884.9	8484.0	8797.3	8844.2	8797.3	8484.0	7884.9	6910.9	5743.9	4394.5	3289.8



REPORT NUMBER: P559143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5256.6	5790.9	6111.4	6229.1	6111.4	5790.9	5256.6	4475.7	3635.3	2810.2	2032.8
-25°	3136.5	3475.2	3670.1	3654.2	3670.1	3475.2	3136.5	2670.4	2126.1	1655.0	1151.8
-27.5°	1696.5	1855.2	1922.4	1959.5	1922.4	1855.2	1696.5	1456.8	1108.4	978.7	805.2
-30°	949.0	1009.6	1050.1	1070.1	1050.1	1009.6	949.0	880.6	779.6	713.8	656.2
-32.5°	698.0	714.6	721.2	712.2	721.2	714.6	698.0	671.5	637.8	604.0	571.6
-35°	579.9	588.1	591.4	595.3	591.4	588.1	579.9	567.1	550.3	529.8	506.7
-37.5°	505.7	514.0	518.1	516.8	518.1	514.0	505.7	495.0	483.1	467.0	453.0
-40°	446.9	453.1	456.6	456.5	456.6	453.1	446.9	439.2	431.8	422.1	411.5
-42.5°	399.7	402.8	404.0	403.6	404.0	402.8	399.7	394.3	388.8	382.3	377.0
-45°	360.4	362.9	364.5	365.2	364.5	362.9	360.4	356.7	355.4	355.2	355.1
-47.5°	332.3	333.0	333.7	334.2	333.7	333.0	332.3	331.2	332.0	333.7	333.9
-50°	312.7	311.0	310.3	310.5	310.3	311.0	312.7	313.7	314.5	315.1	314.2
-52.5°	300.9	299.8	299.4	299.5	299.4	299.8	300.9	301.4	301.6	301.3	299.8
-55°	293.8	293.8	293.2	292.2	293.2	293.8	293.8	293.3	292.4	291.1	289.4
-57.5°	286.7	287.8	288.4	288.5	288.4	287.8	286.7	285.3	283.6	281.7	279.2
-60°	276.4	278.2	279.1	279.4	279.1	278.2	276.4	274.3	271.9	268.8	265.2
-62.5°	255.9	256.6	257.2	257.5	257.2	256.6	255.9	254.7	253.0	250.2	246.9
-65°	234.0	234.7	234.6	233.8	234.6	234.7	234.0	232.8	231.2	228.7	225.3
-67.5°	210.3	211.0	210.8	210.0	210.8	211.0	210.3	209.1	207.3	204.7	201.3
-70°	184.3	185.4	186.1	186.3	186.1	185.4	184.3	182.8	180.9	178.5	175.8
-72.5°	157.1	158.1	159.6	160.7	159.6	158.1	157.1	155.7	153.9	151.7	149.2
-75°	128.2	129.1	131.3	133.3	131.3	129.1	128.2	127.1	125.5	123.6	121.6
-77.5°	100.6	101.7	102.2	102.3	102.2	101.7	100.6	99.3	97.7	96.0	94.7
-80°	74.0	74.5	75.7	76.7	75.7	74.5	74.0	73.3	72.4	71.3	69.6
-82.5°	48.8	49.1	49.2	49.3	49.2	49.1	48.8	48.3	47.8	47.0	45.8
-85°	28.4	29.1	28.3	27.4	28.3	29.1	28.4	27.8	27.0	26.3	25.8
-87.5°	10.9	11.0	11.0	11.0	11.0	11.0	10.9	10.8	10.7	10.6	10.0
-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: P559143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-NR-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°	9.4	8.8	8.3	8.5	8.7	8.9	9.0	8.7	8.4	8.1	7.8
85°	25.3	24.7	24.0	23.4	22.7	22.1	21.4	20.3	19.2	18.1	17.0
82.5°	44.6	43.2	41.8	40.7	39.4	38.0	36.5	34.9	33.0	30.8	28.4
80°	67.7	65.6	63.4	61.7	59.7	57.5	55.0	52.5	50.0	47.6	45.1
77.5°	93.0	90.9	88.4	85.9	83.1	80.3	77.2	73.7	70.1	66.4	62.6
75°	119.3	116.8	114.0	110.9	107.5	103.6	99.5	95.2	90.6	85.9	80.9
72.5°	146.2	142.9	139.3	135.7	131.9	127.7	123.0	117.9	112.2	106.1	100.1
70°	172.6	169.0	165.0	160.7	155.9	150.8	145.7	140.4	134.8	128.3	120.8
67.5°	197.6	193.5	189.3	184.6	179.2	173.5	167.7	161.7	155.2	148.5	140.7
65°	221.4	216.8	212.4	207.6	202.1	196.0	189.5	182.8	175.5	167.9	159.4
62.5°	243.3	239.4	234.8	229.3	223.6	217.7	210.7	203.1	195.2	187.0	177.8
60°	261.4	257.6	253.0	248.1	242.7	236.8	229.6	222.0	213.9	204.8	195.3
57.5°	276.1	272.3	268.3	263.8	259.0	253.0	246.3	239.3	230.8	221.6	212.0
55°	287.2	284.4	281.1	277.2	272.5	266.9	260.9	254.0	246.0	237.5	227.2
52.5°	297.2	294.7	292.0	289.0	284.4	278.9	273.3	266.5	259.4	250.8	241.4
50°	311.8	307.0	302.4	298.3	294.2	289.2	283.3	277.3	270.6	262.7	253.8
47.5°	330.2	322.4	314.7	308.8	303.6	298.2	292.5	286.4	280.2	273.1	264.3
45°	349.4	340.3	330.3	322.0	314.1	307.7	301.5	295.4	289.1	281.9	273.9
42.5°	369.9	360.2	349.0	338.0	327.3	318.6	310.9	304.4	297.5	290.4	282.2
40°	398.6	383.5	371.6	357.4	344.1	331.1	322.4	313.7	306.1	298.2	290.1
37.5°	436.6	419.0	400.4	382.0	364.9	348.4	336.0	325.3	315.1	306.4	297.2
35°	480.5	457.9	434.3	411.4	390.1	370.0	352.2	338.3	326.4	315.3	304.8
32.5°	538.0	505.4	474.3	445.5	417.2	392.7	371.2	353.1	338.6	326.0	313.5
30°	601.2	558.8	518.1	484.3	449.9	418.6	390.3	368.8	351.9	337.4	322.8
27.5°	703.5	621.8	569.7	523.4	483.8	447.3	413.5	382.9	364.2	348.7	332.9
25°	925.8	730.5	635.3	573.0	521.7	474.8	436.2	401.3	375.2	358.3	338.3
22.5°	1351.5	979.4	734.4	626.2	563.5	507.3	459.3	419.9	383.8	362.6	342.0
20°	2195.1	1360.0	940.7	714.1	609.5	539.1	482.5	438.1	398.1	367.4	344.6
17.5°	3335.1	2099.8	1201.6	828.1	670.8	578.8	508.7	454.8	411.0	372.6	346.1
15°	4556.4	2939.9	1748.3	1043.2	735.6	612.4	530.3	470.1	422.9	380.5	350.0
12.5°	5949.7	3819.4	2252.6	1217.7	811.7	649.7	554.1	487.0	434.8	390.0	356.1
10°	7197.4	4708.0	2834.0	1579.9	939.4	687.2	576.1	502.0	445.8	397.8	360.9
7.5°	8214.6	5546.4	3360.3	1849.9	1035.4	717.0	594.6	514.6	454.8	403.5	364.3
5°	8864.9	6164.8	3779.4	2051.9	1102.2	736.8	607.3	523.9	461.7	407.1	366.5
2.5°	9325.6	6574.3	4044.6	2169.7	1137.8	747.4	616.1	529.6	466.8	411.5	370.1
0°	9348.3	6713.1	4134.5	2271.8	1145.0	750.6	622.7	531.4	469.3	414.5	372.5
-2.5°	9325.6	6574.3	4044.6	2169.7	1137.8	747.4	616.1	529.6	466.8	411.5	370.1
-5°	8864.9	6164.8	3779.4	2051.9	1102.2	736.8	607.3	523.9	461.7	407.1	366.5
-7.5°	8214.6	5546.4	3360.3	1849.9	1035.4	717.0	594.6	514.6	454.8	403.5	364.3
-10°	7197.4	4708.0	2834.0	1579.9	939.4	687.2	576.1	502.0	445.8	397.8	360.9
-12.5°	5949.7	3819.4	2252.6	1217.7	811.7	649.7	554.1	487.0	434.8	390.0	356.1
-15°	4556.4	2939.9	1748.3	1043.2	735.6	612.4	530.3	470.1	422.9	380.5	350.0
-17.5°	3335.1	2099.8	1201.6	828.1	670.8	578.8	508.7	454.8	411.0	372.6	346.1
-20°	2195.1	1360.0	940.7	714.1	609.5	539.1	482.5	438.1	398.1	367.4	344.6



REPORT NUMBER: P559143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1351.5	979.4	734.4	626.2	563.5	507.3	459.3	419.9	383.8	362.6	342.0
-25°	925.8	730.5	635.3	573.0	521.7	474.8	436.2	401.3	375.2	358.3	338.3
-27.5°	703.5	621.8	569.7	523.4	483.8	447.3	413.5	382.9	364.2	348.7	332.9
-30°	601.2	558.8	518.1	484.3	449.9	418.6	390.3	368.8	351.9	337.4	322.8
-32.5°	538.0	505.4	474.3	445.5	417.2	392.7	371.2	353.1	338.6	326.0	313.5
-35°	480.5	457.9	434.3	411.4	390.1	370.0	352.2	338.3	326.4	315.3	304.8
-37.5°	436.6	419.0	400.4	382.0	364.9	348.4	336.0	325.3	315.1	306.4	297.2
-40°	398.6	383.5	371.6	357.4	344.1	331.1	322.4	313.7	306.1	298.2	290.1
-42.5°	369.9	360.2	349.0	338.0	327.3	318.6	310.9	304.4	297.5	290.4	282.2
-45°	349.4	340.3	330.3	322.0	314.1	307.7	301.5	295.4	289.1	281.9	273.9
-47.5°	330.2	322.4	314.7	308.8	303.6	298.2	292.5	286.4	280.2	273.1	264.3
-50°	311.8	307.0	302.4	298.3	294.2	289.2	283.3	277.3	270.6	262.7	253.8
-52.5°	297.2	294.7	292.0	289.0	284.4	278.9	273.3	266.5	259.4	250.8	241.4
-55°	287.2	284.4	281.1	277.2	272.5	266.9	260.9	254.0	246.0	237.5	227.2
-57.5°	276.1	272.3	268.3	263.8	259.0	253.0	246.3	239.3	230.8	221.6	212.0
-60°	261.4	257.6	253.0	248.1	242.7	236.8	229.6	222.0	213.9	204.8	195.3
-62.5°	243.3	239.4	234.8	229.3	223.6	217.7	210.7	203.1	195.2	187.0	177.8
-65°	221.4	216.8	212.4	207.6	202.1	196.0	189.5	182.8	175.5	167.9	159.4
-67.5°	197.6	193.5	189.3	184.6	179.2	173.5	167.7	161.7	155.2	148.5	140.7
-70°	172.6	169.0	165.0	160.7	155.9	150.8	145.7	140.4	134.8	128.3	120.8
-72.5°	146.2	142.9	139.3	135.7	131.9	127.7	123.0	117.9	112.2	106.1	100.1
-75°	119.3	116.8	114.0	110.9	107.5	103.6	99.5	95.2	90.6	85.9	80.9
-77.5°	93.0	90.9	88.4	85.9	83.1	80.3	77.2	73.7	70.1	66.4	62.6
-80°	67.7	65.6	63.4	61.7	59.7	57.5	55.0	52.5	50.0	47.6	45.1
-82.5°	44.6	43.2	41.8	40.7	39.4	38.0	36.5	34.9	33.0	30.8	28.4
-85°	25.3	24.7	24.0	23.4	22.7	22.1	21.4	20.3	19.2	18.1	17.0
-87.5°	9.4	8.8	8.3	8.5	8.7	8.9	9.0	8.7	8.4	8.1	7.8
-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: P559143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.4	7.1	6.7	6.3	5.9	5.5	5.1	4.6	4.2	3.8	3.3
85°	16.3	15.4	14.5	13.4	12.2	11.0	10.1	9.3	8.4	7.5	6.6
82.5°	26.6	25.4	24.2	22.8	21.3	19.6	17.8	15.8	13.6	11.4	9.9
80°	42.2	39.4	36.5	33.7	30.9	28.2	26.0	23.4	20.3	17.2	14.3
77.5°	58.6	54.4	50.0	46.1	42.3	38.5	34.9	31.1	26.9	23.0	19.3
75°	75.7	70.6	65.3	59.9	54.4	48.8	44.1	39.4	34.3	28.8	24.2
72.5°	94.2	88.0	81.3	74.2	67.7	61.0	54.2	47.7	41.9	35.8	29.3
70°	113.2	105.8	98.3	90.1	81.6	73.3	65.5	57.6	49.5	42.7	35.5
67.5°	132.2	123.4	114.7	105.7	96.1	86.4	76.9	67.8	58.7	49.5	41.6
65°	150.4	140.7	130.5	120.4	110.0	99.4	88.7	78.1	67.8	57.6	47.6
62.5°	168.1	158.0	146.8	135.0	123.5	112.0	100.2	88.6	76.8	65.5	54.2
60°	185.3	174.4	162.6	149.8	137.0	124.3	111.6	99.0	86.2	73.3	61.0
57.5°	201.3	190.2	177.4	164.0	150.2	136.3	122.7	109.1	95.3	81.4	67.7
55°	216.5	204.7	191.5	177.5	162.9	148.1	133.7	119.1	104.3	89.3	74.2
52.5°	230.6	218.3	204.7	190.4	175.1	159.6	144.5	128.7	112.9	97.0	80.9
50°	243.3	230.9	217.1	202.3	186.9	170.8	155.1	138.4	121.4	104.5	87.6
47.5°	254.5	242.3	228.6	213.7	197.6	181.6	165.0	147.8	129.5	111.7	94.0
45°	264.1	252.8	239.3	224.1	208.4	191.8	174.4	157.0	137.8	118.8	100.2
42.5°	273.0	262.0	249.0	234.1	218.4	201.5	183.4	165.2	145.9	125.6	106.2
40°	280.7	270.4	258.1	243.5	228.0	211.0	192.1	172.9	153.6	132.2	111.9
37.5°	288.0	277.8	265.7	252.9	237.3	219.7	200.4	180.2	160.7	138.7	117.3
35°	294.7	284.2	273.7	261.1	245.7	228.0	208.5	187.2	166.7	144.8	122.4
32.5°	301.4	290.5	279.9	268.1	253.9	236.0	216.0	193.9	172.5	150.5	127.3
30°	308.8	296.0	285.5	274.5	261.2	243.2	222.6	200.1	177.8	155.8	131.9
27.5°	314.8	300.5	290.4	279.6	266.8	250.0	228.5	205.7	182.8	160.5	136.2
25°	319.8	305.0	294.1	284.0	271.9	255.4	233.8	210.6	187.4	164.6	140.1
22.5°	323.7	308.7	296.9	287.8	276.6	260.3	238.4	215.0	191.5	168.3	143.7
20°	325.9	311.4	299.1	291.1	280.6	263.9	242.4	218.9	195.1	171.6	146.9
17.5°	326.7	313.4	301.8	293.2	283.6	267.6	245.9	222.3	198.2	174.6	149.7
15°	329.7	315.3	303.9	295.0	286.1	271.1	248.9	225.2	200.8	177.2	152.2
12.5°	333.0	316.7	305.2	296.5	288.2	274.5	251.3	227.6	202.9	179.4	154.2
10°	335.8	317.7	305.9	297.6	289.8	277.7	253.3	229.6	205.0	181.2	155.9
7.5°	338.0	318.2	306.0	298.5	291.1	280.2	255.0	231.0	206.9	182.6	157.2
5°	339.7	318.4	305.9	299.1	292.3	281.8	256.4	231.8	208.4	183.6	158.1
2.5°	341.0	318.3	305.6	299.4	293.3	282.8	257.2	232.1	209.4	184.2	158.7
0°	341.5	317.8	305.0	299.5	294.0	283.1	257.5	231.9	210.0	184.4	158.9
-2.5°	341.0	318.3	305.6	299.4	293.3	282.8	257.2	232.1	209.4	184.2	158.7
-5°	339.7	318.4	305.9	299.1	292.3	281.8	256.4	231.8	208.4	183.6	158.1
-7.5°	338.0	318.2	306.0	298.5	291.1	280.2	255.0	231.0	206.9	182.6	157.2
-10°	335.8	317.7	305.9	297.6	289.8	277.7	253.3	229.6	205.0	181.2	155.9
-12.5°	333.0	316.7	305.2	296.5	288.2	274.5	251.3	227.6	202.9	179.4	154.2
-15°	329.7	315.3	303.9	295.0	286.1	271.1	248.9	225.2	200.8	177.2	152.2
-17.5°	326.7	313.4	301.8	293.2	283.6	267.6	245.9	222.3	198.2	174.6	149.7
-20°	325.9	311.4	299.1	291.1	280.6	263.9	242.4	218.9	195.1	171.6	146.9



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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°	323.7	308.7	296.9	287.8	276.6	260.3	238.4	215.0	191.5	168.3	143.7
-25°	319.8	305.0	294.1	284.0	271.9	255.4	233.8	210.6	187.4	164.6	140.1
-27.5°	314.8	300.5	290.4	279.6	266.8	250.0	228.5	205.7	182.8	160.5	136.2
-30°	308.8	296.0	285.5	274.5	261.2	243.2	222.6	200.1	177.8	155.8	131.9
-32.5°	301.4	290.5	279.9	268.1	253.9	236.0	216.0	193.9	172.5	150.5	127.3
-35°	294.7	284.2	273.7	261.1	245.7	228.0	208.5	187.2	166.7	144.8	122.4
-37.5°	288.0	277.8	265.7	252.9	237.3	219.7	200.4	180.2	160.7	138.7	117.3
-40°	280.7	270.4	258.1	243.5	228.0	211.0	192.1	172.9	153.6	132.2	111.9
-42.5°	273.0	262.0	249.0	234.1	218.4	201.5	183.4	165.2	145.9	125.6	106.2
-45°	264.1	252.8	239.3	224.1	208.4	191.8	174.4	157.0	137.8	118.8	100.2
-47.5°	254.5	242.3	228.6	213.7	197.6	181.6	165.0	147.8	129.5	111.7	94.0
-50°	243.3	230.9	217.1	202.3	186.9	170.8	155.1	138.4	121.4	104.5	87.6
-52.5°	230.6	218.3	204.7	190.4	175.1	159.6	144.5	128.7	112.9	97.0	80.9
-55°	216.5	204.7	191.5	177.5	162.9	148.1	133.7	119.1	104.3	89.3	74.2
-57.5°	201.3	190.2	177.4	164.0	150.2	136.3	122.7	109.1	95.3	81.4	67.7
-60°	185.3	174.4	162.6	149.8	137.0	124.3	111.6	99.0	86.2	73.3	61.0
-62.5°	168.1	158.0	146.8	135.0	123.5	112.0	100.2	88.6	76.8	65.5	54.2
-65°	150.4	140.7	130.5	120.4	110.0	99.4	88.7	78.1	67.8	57.6	47.6
-67.5°	132.2	123.4	114.7	105.7	96.1	86.4	76.9	67.8	58.7	49.5	41.6
-70°	113.2	105.8	98.3	90.1	81.6	73.3	65.5	57.6	49.5	42.7	35.5
-72.5°	94.2	88.0	81.3	74.2	67.7	61.0	54.2	47.7	41.9	35.8	29.3
-75°	75.7	70.6	65.3	59.9	54.4	48.8	44.1	39.4	34.3	28.8	24.2
-77.5°	58.6	54.4	50.0	46.1	42.3	38.5	34.9	31.1	26.9	23.0	19.3
-80°	42.2	39.4	36.5	33.7	30.9	28.2	26.0	23.4	20.3	17.2	14.3
-82.5°	26.6	25.4	24.2	22.8	21.3	19.6	17.8	15.8	13.6	11.4	9.9
-85°	16.3	15.4	14.5	13.4	12.2	11.0	10.1	9.3	8.4	7.5	6.6
-87.5°	7.4	7.1	6.7	6.3	5.9	5.5	5.1	4.6	4.2	3.8	3.3
-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):

	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°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
85°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
82.5°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
80°	11.5	9.5	7.6	5.7	3.8	1.9	0.0
77.5°	15.7	12.3	9.5	7.1	4.8	2.4	0.0
75°	19.8	15.8	11.5	8.5	5.7	2.8	0.0
72.5°	24.0	19.4	14.4	9.9	6.6	3.3	0.0
70°	28.2	22.9	17.3	11.4	7.5	3.8	0.0
67.5°	33.5	26.3	20.1	13.6	8.4	4.2	0.0
65°	38.7	30.2	22.9	15.7	9.3	4.6	0.0
62.5°	43.8	34.3	25.7	17.8	10.1	5.1	0.0
60°	48.7	38.4	28.4	19.9	11.0	5.5	0.0
57.5°	54.4	42.4	31.5	21.9	12.3	5.9	0.0
55°	59.9	46.2	34.5	23.9	13.7	6.3	0.0
52.5°	65.3	50.0	37.5	25.8	14.9	6.7	0.0
50°	70.6	54.4	40.3	27.7	16.2	7.1	0.0
47.5°	75.7	58.6	43.0	29.6	17.4	7.4	0.0
45°	81.0	62.6	45.6	31.5	18.5	7.8	0.0
42.5°	86.2	66.5	48.1	33.4	19.6	8.1	0.0
40°	91.2	70.2	50.8	35.1	20.7	8.4	0.0
37.5°	95.9	73.7	53.6	36.8	21.7	8.7	0.0
35°	100.5	77.3	56.2	38.3	22.6	9.0	0.0
32.5°	104.7	80.9	58.7	39.8	23.5	9.3	0.0
30°	108.6	84.2	61.1	41.2	24.3	9.5	0.0
27.5°	112.2	87.3	63.3	42.5	25.1	9.8	0.0
25°	115.5	90.2	65.4	43.6	25.8	10.0	0.0
22.5°	118.6	92.8	67.3	44.7	26.4	10.2	0.0
20°	121.3	95.2	69.1	45.6	27.0	10.3	0.0
17.5°	123.7	97.3	70.7	46.5	27.5	10.5	0.0
15°	125.8	99.2	72.1	47.2	28.0	10.6	0.0
12.5°	127.5	100.7	73.4	47.9	28.3	10.7	0.0
10°	128.9	101.9	74.4	48.4	28.6	10.8	0.0
7.5°	130.1	102.9	75.3	48.8	28.9	10.9	0.0
5°	130.9	103.6	76.0	49.1	29.1	11.0	0.0
2.5°	131.3	104.0	76.4	49.2	29.2	11.0	0.0
0°	131.5	104.1	76.7	49.3	29.2	11.0	0.0
-2.5°	131.3	104.0	76.4	49.2	29.2	11.0	0.0
-5°	130.9	103.6	76.0	49.1	29.1	11.0	0.0
-7.5°	130.1	102.9	75.3	48.8	28.9	10.9	0.0
-10°	128.9	101.9	74.4	48.4	28.6	10.8	0.0
-12.5°	127.5	100.7	73.4	47.9	28.3	10.7	0.0
-15°	125.8	99.2	72.1	47.2	28.0	10.6	0.0
-17.5°	123.7	97.3	70.7	46.5	27.5	10.5	0.0
-20°	121.3	95.2	69.1	45.6	27.0	10.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	118.6	92.8	67.3	44.7	26.4	10.2	0.0
-25°	115.5	90.2	65.4	43.6	25.8	10.0	0.0
-27.5°	112.2	87.3	63.3	42.5	25.1	9.8	0.0
-30°	108.6	84.2	61.1	41.2	24.3	9.5	0.0
-32.5°	104.7	80.9	58.7	39.8	23.5	9.3	0.0
-35°	100.5	77.3	56.2	38.3	22.6	9.0	0.0
-37.5°	95.9	73.7	53.6	36.8	21.7	8.7	0.0
-40°	91.2	70.2	50.8	35.1	20.7	8.4	0.0
-42.5°	86.2	66.5	48.1	33.4	19.6	8.1	0.0
-45°	81.0	62.6	45.6	31.5	18.5	7.8	0.0
-47.5°	75.7	58.6	43.0	29.6	17.4	7.4	0.0
-50°	70.6	54.4	40.3	27.7	16.2	7.1	0.0
-52.5°	65.3	50.0	37.5	25.8	14.9	6.7	0.0
-55°	59.9	46.2	34.5	23.9	13.7	6.3	0.0
-57.5°	54.4	42.4	31.5	21.9	12.3	5.9	0.0
-60°	48.7	38.4	28.4	19.9	11.0	5.5	0.0
-62.5°	43.8	34.3	25.7	17.8	10.1	5.1	0.0
-65°	38.7	30.2	22.9	15.7	9.3	4.6	0.0
-67.5°	33.5	26.3	20.1	13.6	8.4	4.2	0.0
-70°	28.2	22.9	17.3	11.4	7.5	3.8	0.0
-72.5°	24.0	19.4	14.4	9.9	6.6	3.3	0.0
-75°	19.8	15.8	11.5	8.5	5.7	2.8	0.0
-77.5°	15.7	12.3	9.5	7.1	4.8	2.4	0.0
-80°	11.5	9.5	7.6	5.7	3.8	1.9	0.0
-82.5°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
-85°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
-87.5°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)