

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: P559145 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559145 (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-SA6B-930-U-TSB-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

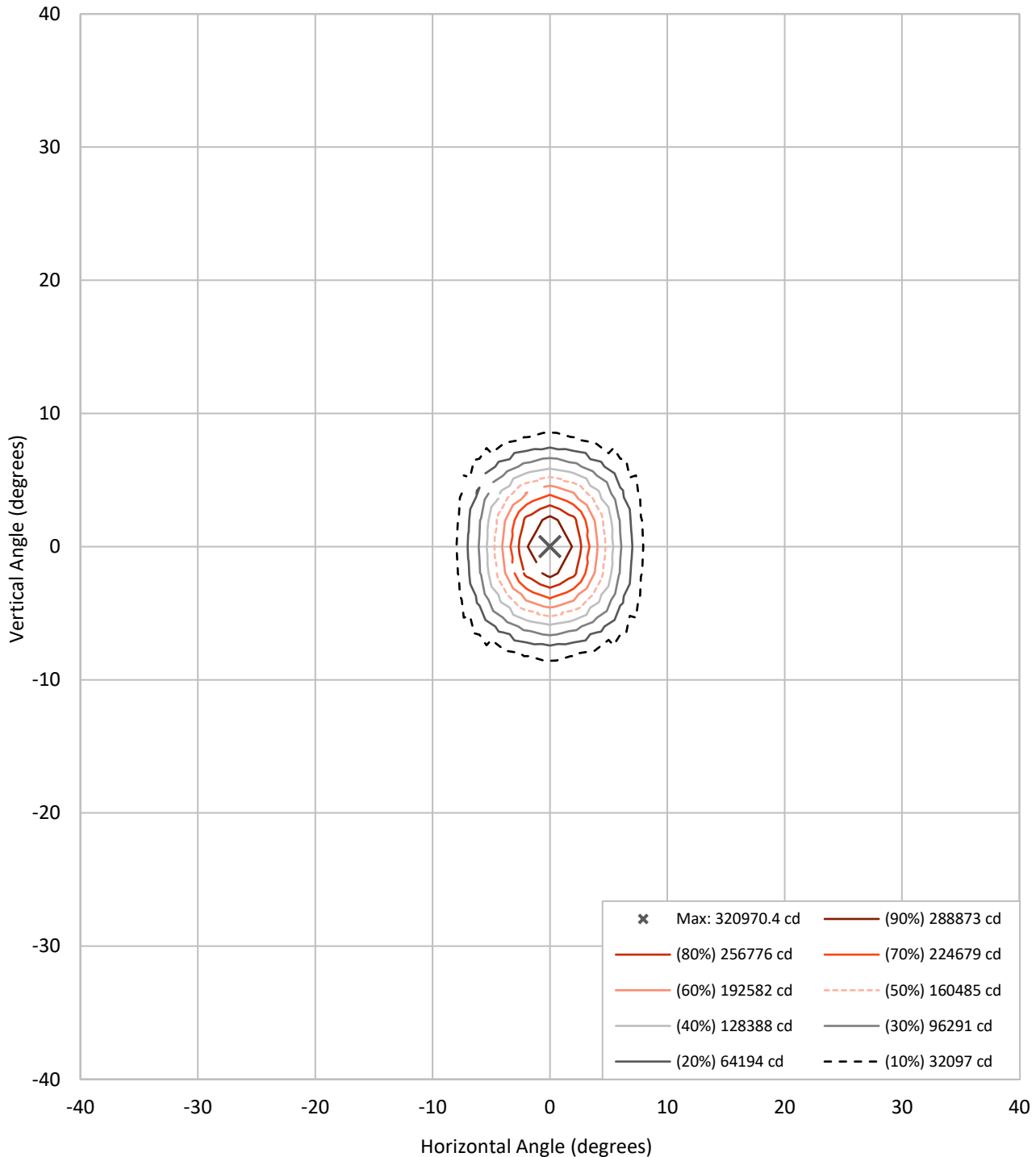
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	12499.3 lumens	Max Intensity:	320970.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	67.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	5357.4 lumens	Field Lumens:	9233.4 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

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





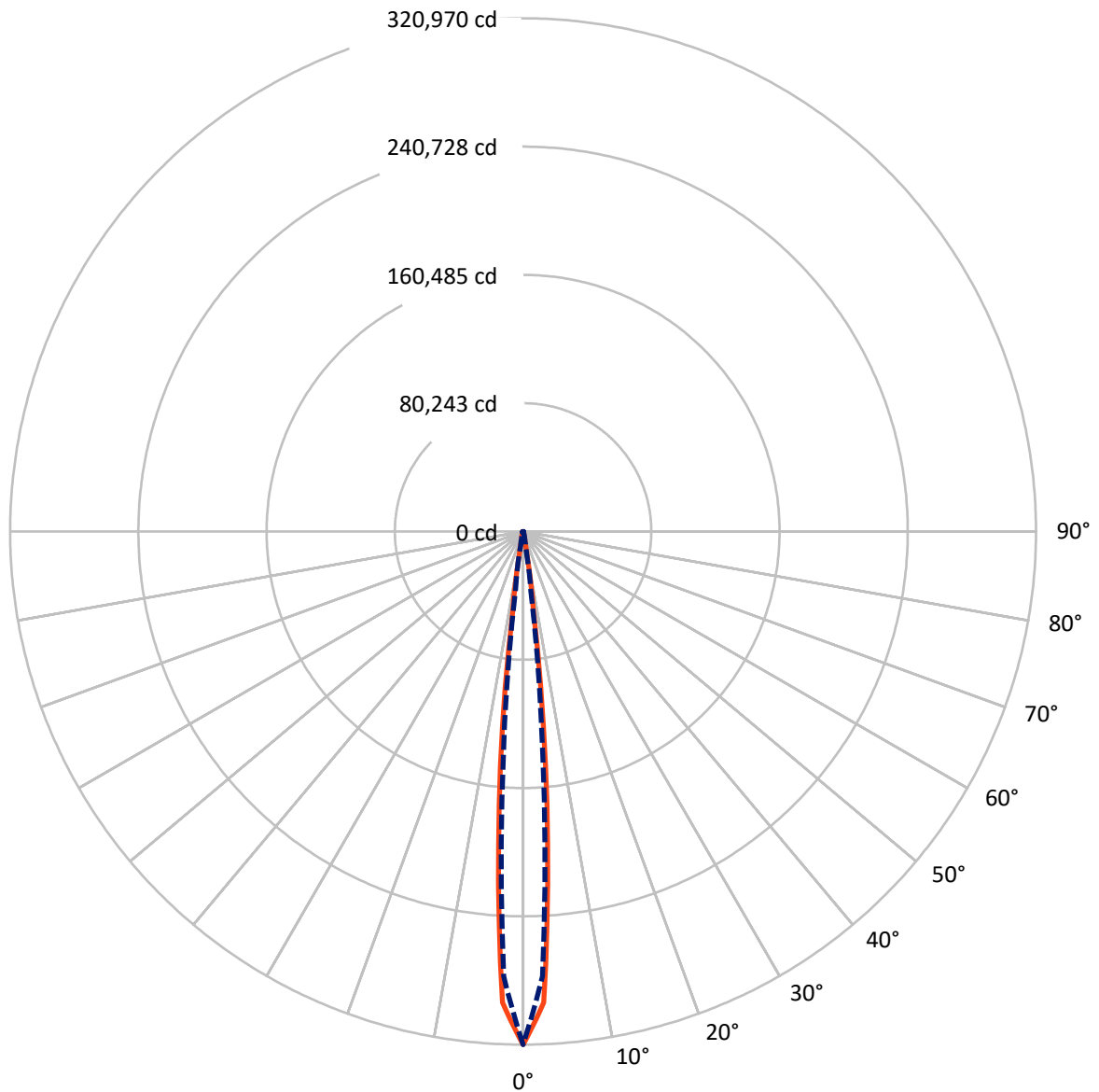
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Lumen Table

90	0.1	0.4		1.3		3.0		5.2		3.0		1.3		0.4		0.1			
80	0.1	0.4		1.3		3.0		5.2		3.0		1.3		0.4		0.1			
70	0.2	0.2	0.7	1.4	2.1	2.7	4.4	7.8	7.8	4.4	2.7	2.1	1.4	0.7	0.2	0.2			
60		0.5	1.2	2.6	4.1	5.5	7.4	10.1	10.1	7.4	5.5	4.1	2.6	1.2	0.5				
50	0.6	0.9	2.0	4.0	7.1	10.6	13.6	16.2	16.2	13.6	10.6	7.1	4.0	2.0	0.9	0.6			
40		1.4	2.8	6.1	11.0	14.8	16.7	17.7	17.7	16.7	14.8	11.0	6.1	2.8	1.4				
30	1.3	2.0	3.9	8.6	13.5	16.1	21.9	28.8	28.8	21.9	16.1	13.5	8.6	3.9	2.0	1.3			
20		2.7	5.3	10.9	14.9	21.2	43.0	85.8	85.8	43.0	21.2	14.9	10.9	5.3	2.7				
10	1.5	3.1	6.4	12.1	15.5	27.2	84.9	2511.3	2511.3	84.9	27.2	15.5	12.1	6.4	3.1	1.5			
0		3.1	6.4	12.1	15.5	27.2	84.9	2511.3	2511.3	84.9	27.2	15.5	12.1	6.4	3.1				
-10	1.3	2.7	5.3	10.9	14.9	21.2	43.0	85.8	85.8	43.0	21.2	14.9	10.9	5.3	2.7	1.3			
-20		2.0	3.9	8.6	13.5	16.1	21.9	28.8	28.8	21.9	16.1	13.5	8.6	3.9	2.0				
-30	0.6	1.4	2.8	6.1	11.0	14.8	16.7	17.7	17.7	16.7	14.8	11.0	6.1	2.8	1.4	0.6			
-40		0.9	2.0	4.0	7.1	10.6	13.6	16.2	16.2	13.6	10.6	7.1	4.0	2.0	0.9				
-50	0.2	0.5	1.2	2.6	4.1	5.5	7.4	10.1	10.1	7.4	5.5	4.1	2.6	1.2	0.5	0.2			
-60		0.2	0.7	1.4	2.1	2.7	4.4	7.8	7.8	4.4	2.7	2.1	1.4	0.7	0.2				
-70	0.1	0.4		1.3		3.0		5.2		3.0		1.3		0.4		0.1			
-80		0.4		1.3		3.0		5.2		3.0		1.3		0.4					
-90	0.1	0.4		1.3		3.0		5.2		3.0		1.3		0.4		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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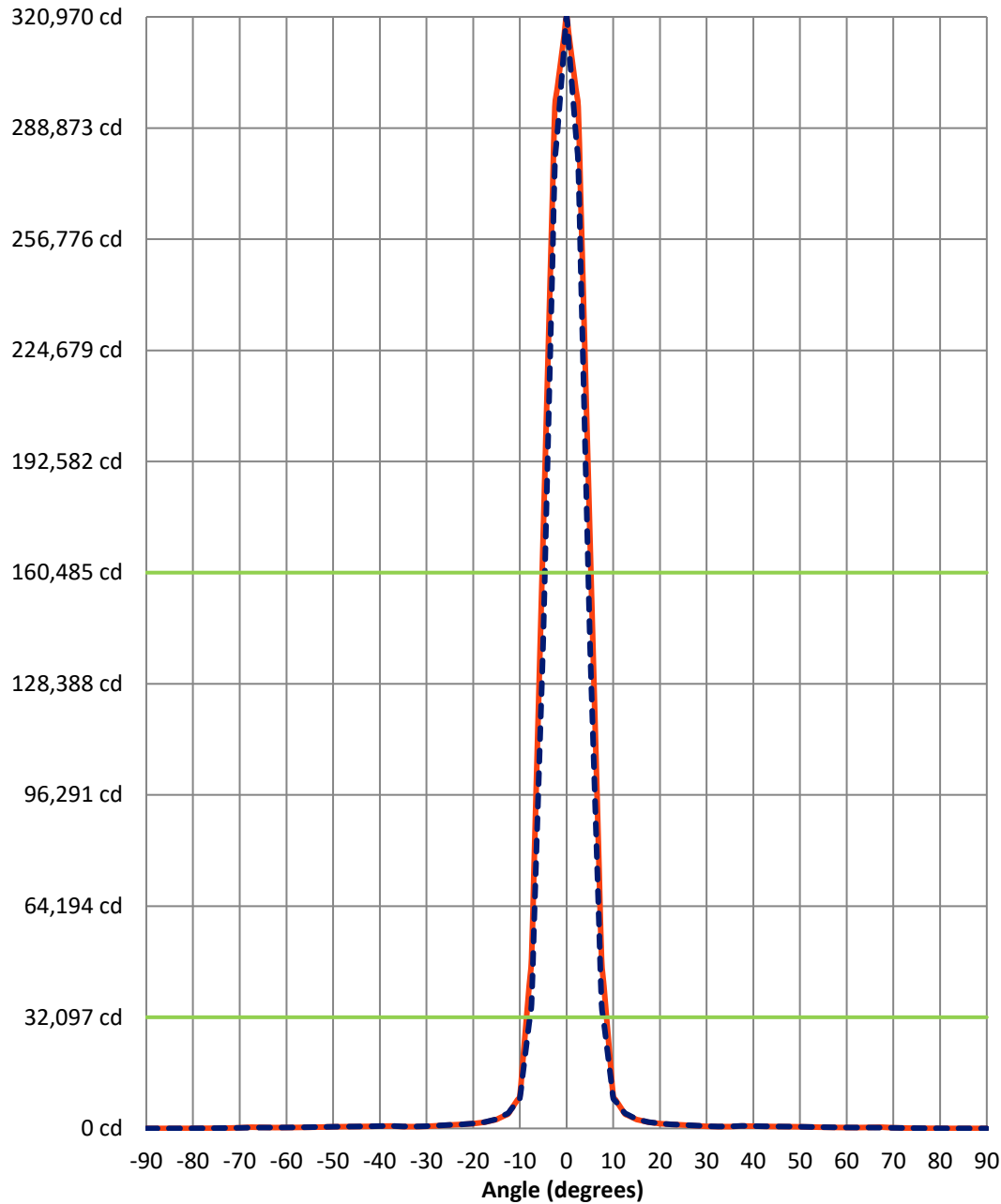
Luminous Intensity Polar Plot



— 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: 5357.4
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 9233.4
Efficiency: 73.9%

Spill:
Lumens: 3265.9
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	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.7	3.7	3.7
80°	0.0	0.6	1.3	1.9	2.6	3.2	3.7	3.7	3.7	3.7	3.7
77.5°	0.0	0.8	1.6	2.4	3.2	3.7	3.7	3.7	3.7	3.7	4.1
75°	0.0	1.0	1.9	2.9	3.7	3.7	3.7	3.7	3.8	4.8	5.6
72.5°	0.0	1.1	2.2	3.3	3.7	3.7	3.7	4.1	5.4	6.4	7.2
70°	0.0	1.3	2.5	3.7	3.7	3.7	3.9	5.6	6.9	8.0	10.0
67.5°	0.0	1.4	2.8	3.7	3.7	3.7	5.2	7.0	8.5	11.0	13.1
65°	0.0	1.6	3.1	3.7	3.7	4.3	6.6	8.5	11.3	14.0	16.7
62.5°	0.0	1.7	3.4	3.7	3.7	5.5	8.0	10.7	14.1	17.3	21.5
60°	0.0	1.8	3.7	3.7	3.7	6.7	9.3	13.2	16.8	21.9	26.3
57.5°	0.0	2.0	3.7	3.7	4.6	7.9	11.7	15.8	20.8	26.5	31.8
55°	0.0	2.1	3.7	3.7	5.6	9.1	14.2	18.5	25.1	31.3	37.7
52.5°	0.0	2.3	3.8	3.7	6.6	10.4	16.8	22.6	29.4	37.0	43.8
50°	0.0	2.4	3.8	3.7	7.5	12.7	19.4	27.0	33.9	42.7	51.1
47.5°	0.0	2.5	3.9	3.9	8.5	15.0	22.3	31.5	39.1	48.4	58.9
45°	0.0	2.6	3.9	4.6	9.4	17.3	26.4	36.2	45.4	55.7	66.8
42.5°	0.0	2.7	4.0	5.2	10.3	19.7	30.5	41.6	51.9	63.2	76.3
40°	0.0	2.8	4.0	5.9	11.6	22.0	34.7	47.5	59.1	71.0	86.2
37.5°	0.0	2.9	4.1	6.5	13.4	24.3	39.0	53.4	67.2	80.8	96.5
35°	0.0	3.0	4.2	7.0	15.1	27.3	43.3	59.5	75.5	92.1	106.5
32.5°	0.0	3.1	4.3	7.5	16.9	30.7	47.7	65.7	83.9	103.8	119.1
30°	0.0	3.2	4.4	8.0	18.5	34.0	52.7	72.1	92.3	115.9	133.2
27.5°	0.0	3.3	4.4	8.3	19.6	37.2	57.6	79.0	101.4	128.4	148.8
25°	0.0	3.4	4.5	8.6	20.4	40.3	62.5	85.9	111.6	141.4	165.5
22.5°	0.0	3.4	4.6	8.9	21.1	42.8	67.2	92.6	121.8	155.0	179.8
20°	0.0	3.5	4.7	9.1	21.6	43.7	71.9	99.1	132.0	169.3	193.8
17.5°	0.0	3.5	4.8	9.2	21.9	44.3	74.3	105.4	142.0	183.9	207.6
15°	0.0	3.6	4.9	9.3	22.0	44.5	75.2	110.0	151.8	198.7	221.1
12.5°	0.0	3.6	5.0	9.4	22.0	44.4	75.7	112.4	158.1	213.5	234.3
10°	0.0	3.6	5.1	9.4	21.9	44.1	75.9	114.4	161.3	219.2	243.6
7.5°	0.0	3.7	5.2	9.4	21.6	43.5	75.7	116.2	163.7	222.6	245.3
5°	0.0	3.7	5.3	9.3	21.2	42.6	75.2	117.5	165.3	225.0	246.6
2.5°	0.0	3.7	5.4	9.2	20.7	41.5	74.3	118.4	166.1	226.2	247.7
0°	0.0	3.7	5.5	9.1	20.1	40.2	73.0	118.7	166.2	226.4	248.3
-2.5°	0.0	3.7	5.4	9.2	20.7	41.5	74.3	118.4	166.1	226.2	247.7
-5°	0.0	3.7	5.3	9.3	21.2	42.6	75.2	117.5	165.3	225.0	246.6
-7.5°	0.0	3.7	5.2	9.4	21.6	43.5	75.7	116.2	163.7	222.6	245.3
-10°	0.0	3.6	5.1	9.4	21.9	44.1	75.9	114.4	161.3	219.2	243.6
-12.5°	0.0	3.6	5.0	9.4	22.0	44.4	75.7	112.4	158.1	213.5	234.3
-15°	0.0	3.6	4.9	9.3	22.0	44.5	75.2	110.0	151.8	198.7	221.1
-17.5°	0.0	3.5	4.8	9.2	21.9	44.3	74.3	105.4	142.0	183.9	207.6
-20°	0.0	3.5	4.7	9.1	21.6	43.7	71.9	99.1	132.0	169.3	193.8



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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	3.4	4.6	8.9	21.1	42.8	67.2	92.6	121.8	155.0	179.8
-25°	0.0	3.4	4.5	8.6	20.4	40.3	62.5	85.9	111.6	141.4	165.5
-27.5°	0.0	3.3	4.4	8.3	19.6	37.2	57.6	79.0	101.4	128.4	148.8
-30°	0.0	3.2	4.4	8.0	18.5	34.0	52.7	72.1	92.3	115.9	133.2
-32.5°	0.0	3.1	4.3	7.5	16.9	30.7	47.7	65.7	83.9	103.8	119.1
-35°	0.0	3.0	4.2	7.0	15.1	27.3	43.3	59.5	75.5	92.1	106.5
-37.5°	0.0	2.9	4.1	6.5	13.4	24.3	39.0	53.4	67.2	80.8	96.5
-40°	0.0	2.8	4.0	5.9	11.6	22.0	34.7	47.5	59.1	71.0	86.2
-42.5°	0.0	2.7	4.0	5.2	10.3	19.7	30.5	41.6	51.9	63.2	76.3
-45°	0.0	2.6	3.9	4.6	9.4	17.3	26.4	36.2	45.4	55.7	66.8
-47.5°	0.0	2.5	3.9	3.9	8.5	15.0	22.3	31.5	39.1	48.4	58.9
-50°	0.0	2.4	3.8	3.7	7.5	12.7	19.4	27.0	33.9	42.7	51.1
-52.5°	0.0	2.3	3.8	3.7	6.6	10.4	16.8	22.6	29.4	37.0	43.8
-55°	0.0	2.1	3.7	3.7	5.6	9.1	14.2	18.5	25.1	31.3	37.7
-57.5°	0.0	2.0	3.7	3.7	4.6	7.9	11.7	15.8	20.8	26.5	31.8
-60°	0.0	1.8	3.7	3.7	3.7	6.7	9.3	13.2	16.8	21.9	26.3
-62.5°	0.0	1.7	3.4	3.7	3.7	5.5	8.0	10.7	14.1	17.3	21.5
-65°	0.0	1.6	3.1	3.7	3.7	4.3	6.6	8.5	11.3	14.0	16.7
-67.5°	0.0	1.4	2.8	3.7	3.7	3.7	5.2	7.0	8.5	11.0	13.1
-70°	0.0	1.3	2.5	3.7	3.7	3.7	3.9	5.6	6.9	8.0	10.0
-72.5°	0.0	1.1	2.2	3.3	3.7	3.7	3.7	4.1	5.4	6.4	7.2
-75°	0.0	1.0	1.9	2.9	3.7	3.7	3.7	3.7	3.8	4.8	5.6
-77.5°	0.0	0.8	1.6	2.4	3.2	3.7	3.7	3.7	3.7	3.7	4.1
-80°	0.0	0.6	1.3	1.9	2.6	3.2	3.7	3.7	3.7	3.7	3.7
-82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.7	3.7	3.7
-85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-87.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	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):

	-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°	1.5	1.4	1.2	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
85°	3.0	2.8	2.4	2.1	2.2	2.3	2.5	2.6	2.7	2.8	2.9
82.5°	3.4	3.2	3.2	3.2	3.4	3.6	3.8	4.1	4.5	4.8	5.1
80°	3.6	3.7	4.2	4.7	5.2	5.7	6.2	6.7	7.1	7.8	8.7
77.5°	4.8	5.4	6.1	6.8	7.6	9.0	10.2	11.2	12.4	13.9	15.4
75°	6.4	7.2	9.0	11.0	12.8	14.3	15.6	17.6	20.0	22.7	25.2
72.5°	8.8	11.0	13.4	15.9	19.0	21.6	24.1	26.5	30.4	34.7	37.9
70°	12.1	14.7	18.5	22.7	26.6	30.0	35.0	40.9	46.9	50.0	51.8
67.5°	15.5	19.9	24.5	29.5	34.9	40.6	47.5	53.9	60.1	62.6	64.9
65°	20.2	25.2	30.8	36.9	43.2	50.0	57.1	64.3	70.7	73.9	77.6
62.5°	24.9	30.8	37.3	44.2	51.1	58.5	67.1	74.3	79.8	86.4	94.1
60°	30.6	36.4	43.9	51.5	59.5	69.8	78.4	86.4	93.8	101.3	112.9
57.5°	36.6	42.3	50.5	59.5	70.5	82.2	92.0	100.7	110.9	121.6	133.3
55°	43.1	48.3	57.6	68.6	81.3	95.3	106.7	118.6	130.4	139.9	150.3
52.5°	50.6	55.3	65.1	77.8	92.5	108.2	123.4	135.8	146.7	157.2	169.0
50°	58.5	64.4	72.3	87.6	104.0	121.8	139.0	151.4	163.9	176.2	189.5
47.5°	67.6	74.2	80.8	97.4	115.9	134.1	151.9	167.9	181.6	198.1	213.2
45°	77.5	85.3	92.4	107.8	126.8	145.3	165.1	184.3	203.6	223.0	247.3
42.5°	88.0	96.5	105.6	117.5	136.5	157.0	178.3	203.8	228.3	255.3	286.9
40°	98.2	107.6	118.5	129.3	146.1	168.9	194.9	223.5	258.1	293.1	331.3
37.5°	108.2	119.0	130.8	141.9	156.8	182.5	211.1	247.6	289.3	333.5	382.1
35°	118.0	130.0	141.9	155.0	171.7	196.7	232.0	273.4	323.5	379.3	423.8
32.5°	127.5	140.4	152.6	168.4	189.0	214.6	252.2	304.3	362.0	418.7	448.4
30°	139.5	149.9	163.1	181.0	205.9	238.4	279.2	335.4	401.1	439.8	467.4
27.5°	155.5	159.2	174.2	195.1	223.2	261.9	312.6	371.0	425.3	459.3	484.0
25°	171.3	175.1	184.6	209.3	244.0	289.6	346.6	413.2	445.5	474.1	502.8
22.5°	186.3	190.4	202.3	222.8	264.1	317.9	384.1	442.4	473.1	491.3	522.4
20°	200.5	206.8	221.4	245.1	284.7	344.6	420.5	469.5	498.7	520.6	549.3
17.5°	214.1	222.8	240.8	269.6	313.7	374.7	453.5	496.4	524.9	546.1	581.6
15°	227.3	238.4	259.4	292.4	340.8	406.8	475.6	518.5	549.2	570.1	611.6
12.5°	240.1	253.6	277.1	313.7	365.2	434.9	494.4	532.8	563.5	595.3	638.2
10°	252.5	268.4	294.1	333.3	387.0	459.1	510.0	544.3	574.9	615.5	660.1
7.5°	254.4	275.8	307.9	351.5	406.3	479.6	522.9	553.2	586.5	633.9	680.1
5°	254.4	275.2	309.0	356.2	415.5	491.6	531.9	560.0	597.7	650.3	697.8
2.5°	254.2	274.0	309.3	357.8	417.8	492.9	533.2	561.8	604.0	666.4	714.1
0°	253.8	272.1	308.6	357.9	418.1	491.2	533.2	562.4	608.0	681.1	728.5
-2.5°	254.2	274.0	309.3	357.8	417.8	492.9	533.2	561.8	604.0	666.4	714.1
-5°	254.4	275.2	309.0	356.2	415.5	491.6	531.9	560.0	597.7	650.3	697.8
-7.5°	254.4	275.8	307.9	351.5	406.3	479.6	522.9	553.2	586.5	633.9	680.1
-10°	252.5	268.4	294.1	333.3	387.0	459.1	510.0	544.3	574.9	615.5	660.1
-12.5°	240.1	253.6	277.1	313.7	365.2	434.9	494.4	532.8	563.5	595.3	638.2
-15°	227.3	238.4	259.4	292.4	340.8	406.8	475.6	518.5	549.2	570.1	611.6
-17.5°	214.1	222.8	240.8	269.6	313.7	374.7	453.5	496.4	524.9	546.1	581.6
-20°	200.5	206.8	221.4	245.1	284.7	344.6	420.5	469.5	498.7	520.6	549.3



REPORT NUMBER: P559145 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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°	186.3	190.4	202.3	222.8	264.1	317.9	384.1	442.4	473.1	491.3	522.4
-25°	171.3	175.1	184.6	209.3	244.0	289.6	346.6	413.2	445.5	474.1	502.8
-27.5°	155.5	159.2	174.2	195.1	223.2	261.9	312.6	371.0	425.3	459.3	484.0
-30°	139.5	149.9	163.1	181.0	205.9	238.4	279.2	335.4	401.1	439.8	467.4
-32.5°	127.5	140.4	152.6	168.4	189.0	214.6	252.2	304.3	362.0	418.7	448.4
-35°	118.0	130.0	141.9	155.0	171.7	196.7	232.0	273.4	323.5	379.3	423.8
-37.5°	108.2	119.0	130.8	141.9	156.8	182.5	211.1	247.6	289.3	333.5	382.1
-40°	98.2	107.6	118.5	129.3	146.1	168.9	194.9	223.5	258.1	293.1	331.3
-42.5°	88.0	96.5	105.6	117.5	136.5	157.0	178.3	203.8	228.3	255.3	286.9
-45°	77.5	85.3	92.4	107.8	126.8	145.3	165.1	184.3	203.6	223.0	247.3
-47.5°	67.6	74.2	80.8	97.4	115.9	134.1	151.9	167.9	181.6	198.1	213.2
-50°	58.5	64.4	72.3	87.6	104.0	121.8	139.0	151.4	163.9	176.2	189.5
-52.5°	50.6	55.3	65.1	77.8	92.5	108.2	123.4	135.8	146.7	157.2	169.0
-55°	43.1	48.3	57.6	68.6	81.3	95.3	106.7	118.6	130.4	139.9	150.3
-57.5°	36.6	42.3	50.5	59.5	70.5	82.2	92.0	100.7	110.9	121.6	133.3
-60°	30.6	36.4	43.9	51.5	59.5	69.8	78.4	86.4	93.8	101.3	112.9
-62.5°	24.9	30.8	37.3	44.2	51.1	58.5	67.1	74.3	79.8	86.4	94.1
-65°	20.2	25.2	30.8	36.9	43.2	50.0	57.1	64.3	70.7	73.9	77.6
-67.5°	15.5	19.9	24.5	29.5	34.9	40.6	47.5	53.9	60.1	62.6	64.9
-70°	12.1	14.7	18.5	22.7	26.6	30.0	35.0	40.9	46.9	50.0	51.8
-72.5°	8.8	11.0	13.4	15.9	19.0	21.6	24.1	26.5	30.4	34.7	37.9
-75°	6.4	7.2	9.0	11.0	12.8	14.3	15.6	17.6	20.0	22.7	25.2
-77.5°	4.8	5.4	6.1	6.8	7.6	9.0	10.2	11.2	12.4	13.9	15.4
-80°	3.6	3.7	4.2	4.7	5.2	5.7	6.2	6.7	7.1	7.8	8.7
-82.5°	3.4	3.2	3.2	3.2	3.4	3.6	3.8	4.1	4.5	4.8	5.1
-85°	3.0	2.8	2.4	2.1	2.2	2.3	2.5	2.6	2.7	2.8	2.9
-87.5°	1.5	1.4	1.2	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559145 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
85°	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.6	3.6
82.5°	5.3	5.6	5.8	6.1	6.3	6.5	6.6	6.8	6.9	7.0	7.1
80°	9.7	10.5	11.1	11.6	11.9	13.2	14.8	16.5	18.2	18.9	19.3
77.5°	17.4	18.6	19.5	20.1	20.5	23.3	27.0	30.8	34.8	36.8	38.5
75°	27.7	29.2	30.2	30.9	31.4	35.7	42.2	49.0	56.0	59.7	62.4
72.5°	40.1	41.3	42.3	43.2	43.7	50.2	61.9	74.6	88.1	96.3	102.4
70°	53.4	54.9	56.1	57.1	57.8	65.5	82.5	100.2	118.5	136.9	156.4
67.5°	67.5	70.6	72.1	73.1	74.0	80.6	98.7	115.4	130.8	164.0	216.3
65°	82.9	89.9	92.9	94.5	95.2	98.2	113.7	127.6	140.1	166.0	205.8
62.5°	102.5	111.8	116.1	118.0	119.1	119.3	132.0	143.6	154.4	170.5	195.8
60°	123.7	133.7	139.0	140.5	141.4	141.8	151.8	163.4	174.1	187.2	210.9
57.5°	143.1	152.5	160.3	163.4	165.8	167.5	176.4	189.9	202.6	215.8	241.2
55°	161.6	173.0	183.7	189.7	195.3	200.3	209.0	226.1	242.5	257.8	284.2
52.5°	181.8	196.3	210.7	221.5	232.2	241.5	250.9	273.1	294.8	315.4	341.0
50°	205.8	223.8	244.8	262.6	277.8	292.8	306.2	332.5	362.0	390.0	417.0
47.5°	236.3	260.1	286.9	312.2	332.8	356.1	377.1	404.1	430.2	456.3	478.6
45°	273.7	306.7	337.7	371.2	400.6	415.9	428.2	445.0	471.8	497.4	518.2
42.5°	321.7	360.0	398.1	423.0	441.9	454.4	463.3	472.2	500.3	525.0	545.2
40°	375.0	413.5	437.0	457.4	470.5	481.6	495.5	509.3	531.3	556.7	579.1
37.5°	421.2	445.9	466.6	482.6	498.4	513.2	533.3	553.0	574.0	602.4	623.3
35°	449.7	471.3	492.4	512.4	532.7	555.4	580.5	609.5	635.3	611.9	578.0
32.5°	471.4	493.6	518.9	550.0	578.0	608.9	640.3	589.9	538.2	517.9	522.1
30°	490.2	516.0	551.0	591.6	630.4	616.5	547.5	523.4	530.5	544.7	572.0
27.5°	510.5	542.7	585.2	635.1	604.4	528.1	532.1	546.1	593.4	633.5	694.4
25°	534.4	573.3	626.1	603.0	533.0	540.3	575.7	629.0	719.1	803.2	876.6
22.5°	563.3	612.8	619.8	533.1	542.6	588.9	660.7	776.3	885.8	987.3	1063.1
20°	592.6	649.7	561.9	543.6	584.2	666.8	800.2	932.9	1055.1	1145.9	1221.7
17.5°	627.7	607.5	545.4	564.9	647.1	789.8	939.9	1080.6	1195.7	1352.8	1486.4
15°	658.5	566.9	555.4	619.7	743.3	903.9	1067.0	1193.3	1401.5	1626.5	1854.0
12.5°	640.8	552.5	573.2	668.5	831.0	1004.6	1148.7	1348.8	1624.2	1952.8	2446.6
10°	614.7	560.7	611.3	736.0	906.1	1075.1	1224.9	1487.2	1850.6	2454.1	3231.7
7.5°	594.5	564.1	636.5	787.8	961.9	1117.8	1317.4	1635.5	2142.0	2970.0	4625.5
5°	579.2	564.0	648.0	817.8	995.0	1147.2	1374.5	1743.3	2427.6	3607.3	6436.2
2.5°	572.4	561.0	651.2	833.9	1011.2	1163.6	1410.0	1820.8	2607.8	4199.3	8463.2
0°	577.0	555.1	650.0	839.9	1020.7	1161.3	1415.1	1844.2	2662.2	4417.9	8735.3
-2.5°	572.4	561.0	651.2	833.9	1011.2	1163.6	1410.0	1820.8	2607.8	4199.3	8463.2
-5°	579.2	564.0	648.0	817.8	995.0	1147.2	1374.5	1743.3	2427.6	3607.3	6436.2
-7.5°	594.5	564.1	636.5	787.8	961.9	1117.8	1317.4	1635.5	2142.0	2970.0	4625.5
-10°	614.7	560.7	611.3	736.0	906.1	1075.1	1224.9	1487.2	1850.6	2454.1	3231.7
-12.5°	640.8	552.5	573.2	668.5	831.0	1004.6	1148.7	1348.8	1624.2	1952.8	2446.6
-15°	658.5	566.9	555.4	619.7	743.3	903.9	1067.0	1193.3	1401.5	1626.5	1854.0
-17.5°	627.7	607.5	545.4	564.9	647.1	789.8	939.9	1080.6	1195.7	1352.8	1486.4
-20°	592.6	649.7	561.9	543.6	584.2	666.8	800.2	932.9	1055.1	1145.9	1221.7



REPORT NUMBER: P559145 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	563.3	612.8	619.8	533.1	542.6	588.9	660.7	776.3	885.8	987.3	1063.1
-25°	534.4	573.3	626.1	603.0	533.0	540.3	575.7	629.0	719.1	803.2	876.6
-27.5°	510.5	542.7	585.2	635.1	604.4	528.1	532.1	546.1	593.4	633.5	694.4
-30°	490.2	516.0	551.0	591.6	630.4	616.5	547.5	523.4	530.5	544.7	572.0
-32.5°	471.4	493.6	518.9	550.0	578.0	608.9	640.3	589.9	538.2	517.9	522.1
-35°	449.7	471.3	492.4	512.4	532.7	555.4	580.5	609.5	635.3	611.9	578.0
-37.5°	421.2	445.9	466.6	482.6	498.4	513.2	533.3	553.0	574.0	602.4	623.3
-40°	375.0	413.5	437.0	457.4	470.5	481.6	495.5	509.3	531.3	556.7	579.1
-42.5°	321.7	360.0	398.1	423.0	441.9	454.4	463.3	472.2	500.3	525.0	545.2
-45°	273.7	306.7	337.7	371.2	400.6	415.9	428.2	445.0	471.8	497.4	518.2
-47.5°	236.3	260.1	286.9	312.2	332.8	356.1	377.1	404.1	430.2	456.3	478.6
-50°	205.8	223.8	244.8	262.6	277.8	292.8	306.2	332.5	362.0	390.0	417.0
-52.5°	181.8	196.3	210.7	221.5	232.2	241.5	250.9	273.1	294.8	315.4	341.0
-55°	161.6	173.0	183.7	189.7	195.3	200.3	209.0	226.1	242.5	257.8	284.2
-57.5°	143.1	152.5	160.3	163.4	165.8	167.5	176.4	189.9	202.6	215.8	241.2
-60°	123.7	133.7	139.0	140.5	141.4	141.8	151.8	163.4	174.1	187.2	210.9
-62.5°	102.5	111.8	116.1	118.0	119.1	119.3	132.0	143.6	154.4	170.5	195.8
-65°	82.9	89.9	92.9	94.5	95.2	98.2	113.7	127.6	140.1	166.0	205.8
-67.5°	67.5	70.6	72.1	73.1	74.0	80.6	98.7	115.4	130.8	164.0	216.3
-70°	53.4	54.9	56.1	57.1	57.8	65.5	82.5	100.2	118.5	136.9	156.4
-72.5°	40.1	41.3	42.3	43.2	43.7	50.2	61.9	74.6	88.1	96.3	102.4
-75°	27.7	29.2	30.2	30.9	31.4	35.7	42.2	49.0	56.0	59.7	62.4
-77.5°	17.4	18.6	19.5	20.1	20.5	23.3	27.0	30.8	34.8	36.8	38.5
-80°	9.7	10.5	11.1	11.6	11.9	13.2	14.8	16.5	18.2	18.9	19.3
-82.5°	5.3	5.6	5.8	6.1	6.3	6.5	6.6	6.8	6.9	7.0	7.1
-85°	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.6	3.6
-87.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
-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: P559145 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
85°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
82.5°	7.2	7.3	7.3	7.3	7.3	7.3	7.2	7.1	7.0	6.9	6.8
80°	19.7	19.9	19.2	18.3	19.2	19.9	19.7	19.3	18.9	18.2	16.5
77.5°	40.1	41.5	40.1	38.3	40.1	41.5	40.1	38.5	36.8	34.8	30.8
75°	64.8	66.9	65.7	63.9	65.7	66.9	64.8	62.4	59.7	56.0	49.0
72.5°	108.1	113.4	112.1	109.6	112.1	113.4	108.1	102.4	96.3	88.1	74.6
70°	177.0	197.8	196.9	191.7	196.9	197.8	177.0	156.4	136.9	118.5	100.2
67.5°	272.8	331.7	350.4	359.7	350.4	331.7	272.8	216.3	164.0	130.8	115.4
65°	243.0	278.5	292.6	303.1	292.6	278.5	243.0	205.8	166.0	140.1	127.6
62.5°	218.5	239.6	244.2	244.7	244.2	239.6	218.5	195.8	170.5	154.4	143.6
60°	233.9	256.3	259.6	255.6	259.6	256.3	233.9	210.9	187.2	174.1	163.4
57.5°	265.6	289.1	293.4	288.5	293.4	289.1	265.6	241.2	215.8	202.6	189.9
55°	309.6	333.3	341.1	339.6	341.1	333.3	309.6	284.2	257.8	242.5	226.1
52.5°	365.6	387.5	396.5	396.2	396.5	387.5	365.6	341.0	315.4	294.8	273.1
50°	440.5	460.1	469.8	471.1	469.8	460.1	440.5	417.0	390.0	362.0	332.5
47.5°	494.5	507.3	514.0	514.9	514.0	507.3	494.5	478.6	456.3	430.2	404.1
45°	527.6	534.5	539.7	544.1	539.7	534.5	527.6	518.2	497.4	471.8	445.0
42.5°	558.7	573.1	583.7	586.1	583.7	573.1	558.7	545.2	525.0	500.3	472.2
40°	600.4	620.2	639.2	659.2	639.2	620.2	600.4	579.1	556.7	531.3	509.3
37.5°	644.9	667.0	685.3	695.7	685.3	667.0	644.9	623.3	602.4	574.0	553.0
35°	554.2	539.7	531.1	527.7	531.1	539.7	554.2	578.0	611.9	635.3	609.5
32.5°	524.5	525.5	523.8	520.4	523.8	525.5	524.5	522.1	517.9	538.2	589.9
30°	592.3	601.9	603.1	602.6	603.1	601.9	592.3	572.0	544.7	530.5	523.4
27.5°	739.4	764.1	771.7	787.0	771.7	764.1	739.4	694.4	633.5	593.4	546.1
25°	933.4	970.7	988.6	995.1	988.6	970.7	933.4	876.6	803.2	719.1	629.0
22.5°	1105.9	1134.3	1150.9	1164.9	1150.9	1134.3	1105.9	1063.1	987.3	885.8	776.3
20°	1310.2	1362.1	1385.9	1387.7	1385.9	1362.1	1310.2	1221.7	1145.9	1055.1	932.9
17.5°	1629.3	1730.3	1780.7	1794.9	1780.7	1730.3	1629.3	1486.4	1352.8	1195.7	1080.6
15°	2132.6	2390.3	2522.9	2585.5	2522.9	2390.3	2132.6	1854.0	1626.5	1401.5	1193.3
12.5°	2953.6	3534.7	4004.6	4181.4	4004.6	3534.7	2953.6	2446.6	1952.8	1624.2	1348.8
10°	4580.4	6315.6	8342.8	9288.5	8342.8	6315.6	4580.4	3231.7	2454.1	1850.6	1487.2
7.5°	8861.1	20573.9	39875.6	49083.0	39875.6	20573.9	8861.1	4625.5	2970.0	2142.0	1635.5
5°	18887.7	81513.4	145980.4	171466.4	145980.4	81513.4	18887.7	6436.2	3607.3	2427.6	1743.3
2.5°	30084.0	133692.6	252256.5	294961.7	252256.5	133692.6	30084.0	8463.2	4199.3	2607.8	1820.8
0°	35944.5	140887.4	278359.5	320970.4	278359.5	140887.4	35944.5	8735.3	4417.9	2662.2	1844.2
-2.5°	30084.0	133692.6	252256.5	294961.7	252256.5	133692.6	30084.0	8463.2	4199.3	2607.8	1820.8
-5°	18887.7	81513.4	145980.4	171466.4	145980.4	81513.4	18887.7	6436.2	3607.3	2427.6	1743.3
-7.5°	8861.1	20573.9	39875.6	49083.0	39875.6	20573.9	8861.1	4625.5	2970.0	2142.0	1635.5
-10°	4580.4	6315.6	8342.8	9288.5	8342.8	6315.6	4580.4	3231.7	2454.1	1850.6	1487.2
-12.5°	2953.6	3534.7	4004.6	4181.4	4004.6	3534.7	2953.6	2446.6	1952.8	1624.2	1348.8
-15°	2132.6	2390.3	2522.9	2585.5	2522.9	2390.3	2132.6	1854.0	1626.5	1401.5	1193.3
-17.5°	1629.3	1730.3	1780.7	1794.9	1780.7	1730.3	1629.3	1486.4	1352.8	1195.7	1080.6
-20°	1310.2	1362.1	1385.9	1387.7	1385.9	1362.1	1310.2	1221.7	1145.9	1055.1	932.9



REPORT NUMBER: P559145 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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°	1105.9	1134.3	1150.9	1164.9	1150.9	1134.3	1105.9	1063.1	987.3	885.8	776.3
-25°	933.4	970.7	988.6	995.1	988.6	970.7	933.4	876.6	803.2	719.1	629.0
-27.5°	739.4	764.1	771.7	787.0	771.7	764.1	739.4	694.4	633.5	593.4	546.1
-30°	592.3	601.9	603.1	602.6	603.1	601.9	592.3	572.0	544.7	530.5	523.4
-32.5°	524.5	525.5	523.8	520.4	523.8	525.5	524.5	522.1	517.9	538.2	589.9
-35°	554.2	539.7	531.1	527.7	531.1	539.7	554.2	578.0	611.9	635.3	609.5
-37.5°	644.9	667.0	685.3	695.7	685.3	667.0	644.9	623.3	602.4	574.0	553.0
-40°	600.4	620.2	639.2	659.2	639.2	620.2	600.4	579.1	556.7	531.3	509.3
-42.5°	558.7	573.1	583.7	586.1	583.7	573.1	558.7	545.2	525.0	500.3	472.2
-45°	527.6	534.5	539.7	544.1	539.7	534.5	527.6	518.2	497.4	471.8	445.0
-47.5°	494.5	507.3	514.0	514.9	514.0	507.3	494.5	478.6	456.3	430.2	404.1
-50°	440.5	460.1	469.8	471.1	469.8	460.1	440.5	417.0	390.0	362.0	332.5
-52.5°	365.6	387.5	396.5	396.2	396.5	387.5	365.6	341.0	315.4	294.8	273.1
-55°	309.6	333.3	341.1	339.6	341.1	333.3	309.6	284.2	257.8	242.5	226.1
-57.5°	265.6	289.1	293.4	288.5	293.4	289.1	265.6	241.2	215.8	202.6	189.9
-60°	233.9	256.3	259.6	255.6	259.6	256.3	233.9	210.9	187.2	174.1	163.4
-62.5°	218.5	239.6	244.2	244.7	244.2	239.6	218.5	195.8	170.5	154.4	143.6
-65°	243.0	278.5	292.6	303.1	292.6	278.5	243.0	205.8	166.0	140.1	127.6
-67.5°	272.8	331.7	350.4	359.7	350.4	331.7	272.8	216.3	164.0	130.8	115.4
-70°	177.0	197.8	196.9	191.7	196.9	197.8	177.0	156.4	136.9	118.5	100.2
-72.5°	108.1	113.4	112.1	109.6	112.1	113.4	108.1	102.4	96.3	88.1	74.6
-75°	64.8	66.9	65.7	63.9	65.7	66.9	64.8	62.4	59.7	56.0	49.0
-77.5°	40.1	41.5	40.1	38.3	40.1	41.5	40.1	38.5	36.8	34.8	30.8
-80°	19.7	19.9	19.2	18.3	19.2	19.9	19.7	19.3	18.9	18.2	16.5
-82.5°	7.2	7.3	7.3	7.3	7.3	7.3	7.2	7.1	7.0	6.9	6.8
-85°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
-87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
-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: P559145 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
85°	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
82.5°	6.6	6.5	6.3	6.1	5.8	5.6	5.3	5.1	4.8	4.5	4.1
80°	14.8	13.2	11.9	11.6	11.1	10.5	9.7	8.7	7.8	7.1	6.7
77.5°	27.0	23.3	20.5	20.1	19.5	18.6	17.4	15.4	13.9	12.4	11.2
75°	42.2	35.7	31.4	30.9	30.2	29.2	27.7	25.2	22.7	20.0	17.6
72.5°	61.9	50.2	43.7	43.2	42.3	41.3	40.1	37.9	34.7	30.4	26.5
70°	82.5	65.5	57.8	57.1	56.1	54.9	53.4	51.8	50.0	46.9	40.9
67.5°	98.7	80.6	74.0	73.1	72.1	70.6	67.5	64.9	62.6	60.1	53.9
65°	113.7	98.2	95.2	94.5	92.9	89.9	82.9	77.6	73.9	70.7	64.3
62.5°	132.0	119.3	119.1	118.0	116.1	111.8	102.5	94.1	86.4	79.8	74.3
60°	151.8	141.8	141.4	140.5	139.0	133.7	123.7	112.9	101.3	93.8	86.4
57.5°	176.4	167.5	165.8	163.4	160.3	152.5	143.1	133.3	121.6	110.9	100.7
55°	209.0	200.3	195.3	189.7	183.7	173.0	161.6	150.3	139.9	130.4	118.6
52.5°	250.9	241.5	232.2	221.5	210.7	196.3	181.8	169.0	157.2	146.7	135.8
50°	306.2	292.8	277.8	262.6	244.8	223.8	205.8	189.5	176.2	163.9	151.4
47.5°	377.1	356.1	332.8	312.2	286.9	260.1	236.3	213.2	198.1	181.6	167.9
45°	428.2	415.9	400.6	371.2	337.7	306.7	273.7	247.3	223.0	203.6	184.3
42.5°	463.3	454.4	441.9	423.0	398.1	360.0	321.7	286.9	255.3	228.3	203.8
40°	495.5	481.6	470.5	457.4	437.0	413.5	375.0	331.3	293.1	258.1	223.5
37.5°	533.3	513.2	498.4	482.6	466.6	445.9	421.2	382.1	333.5	289.3	247.6
35°	580.5	555.4	532.7	512.4	492.4	471.3	449.7	423.8	379.3	323.5	273.4
32.5°	640.3	608.9	578.0	550.0	518.9	493.6	471.4	448.4	418.7	362.0	304.3
30°	547.5	616.5	630.4	591.6	551.0	516.0	490.2	467.4	439.8	401.1	335.4
27.5°	532.1	528.1	604.4	635.1	585.2	542.7	510.5	484.0	459.3	425.3	371.0
25°	575.7	540.3	533.0	603.0	626.1	573.3	534.4	502.8	474.1	445.5	413.2
22.5°	660.7	588.9	542.6	533.1	619.8	612.8	563.3	522.4	491.3	473.1	442.4
20°	800.2	666.8	584.2	543.6	561.9	649.7	592.6	549.3	520.6	498.7	469.5
17.5°	939.9	789.8	647.1	564.9	545.4	607.5	627.7	581.6	546.1	524.9	496.4
15°	1067.0	903.9	743.3	619.7	555.4	566.9	658.5	611.6	570.1	549.2	518.5
12.5°	1148.7	1004.6	831.0	668.5	573.2	552.5	640.8	638.2	595.3	563.5	532.8
10°	1224.9	1075.1	906.1	736.0	611.3	560.7	614.7	660.1	615.5	574.9	544.3
7.5°	1317.4	1117.8	961.9	787.8	636.5	564.1	594.5	680.1	633.9	586.5	553.2
5°	1374.5	1147.2	995.0	817.8	648.0	564.0	579.2	697.8	650.3	597.7	560.0
2.5°	1410.0	1163.6	1011.2	833.9	651.2	561.0	572.4	714.1	666.4	604.0	561.8
0°	1415.1	1161.3	1020.7	839.9	650.0	555.1	577.0	728.5	681.1	608.0	562.4
-2.5°	1410.0	1163.6	1011.2	833.9	651.2	561.0	572.4	714.1	666.4	604.0	561.8
-5°	1374.5	1147.2	995.0	817.8	648.0	564.0	579.2	697.8	650.3	597.7	560.0
-7.5°	1317.4	1117.8	961.9	787.8	636.5	564.1	594.5	680.1	633.9	586.5	553.2
-10°	1224.9	1075.1	906.1	736.0	611.3	560.7	614.7	660.1	615.5	574.9	544.3
-12.5°	1148.7	1004.6	831.0	668.5	573.2	552.5	640.8	638.2	595.3	563.5	532.8
-15°	1067.0	903.9	743.3	619.7	555.4	566.9	658.5	611.6	570.1	549.2	518.5
-17.5°	939.9	789.8	647.1	564.9	545.4	607.5	627.7	581.6	546.1	524.9	496.4
-20°	800.2	666.8	584.2	543.6	561.9	649.7	592.6	549.3	520.6	498.7	469.5



REPORT NUMBER: P559145 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	660.7	588.9	542.6	533.1	619.8	612.8	563.3	522.4	491.3	473.1	442.4
-25°	575.7	540.3	533.0	603.0	626.1	573.3	534.4	502.8	474.1	445.5	413.2
-27.5°	532.1	528.1	604.4	635.1	585.2	542.7	510.5	484.0	459.3	425.3	371.0
-30°	547.5	616.5	630.4	591.6	551.0	516.0	490.2	467.4	439.8	401.1	335.4
-32.5°	640.3	608.9	578.0	550.0	518.9	493.6	471.4	448.4	418.7	362.0	304.3
-35°	580.5	555.4	532.7	512.4	492.4	471.3	449.7	423.8	379.3	323.5	273.4
-37.5°	533.3	513.2	498.4	482.6	466.6	445.9	421.2	382.1	333.5	289.3	247.6
-40°	495.5	481.6	470.5	457.4	437.0	413.5	375.0	331.3	293.1	258.1	223.5
-42.5°	463.3	454.4	441.9	423.0	398.1	360.0	321.7	286.9	255.3	228.3	203.8
-45°	428.2	415.9	400.6	371.2	337.7	306.7	273.7	247.3	223.0	203.6	184.3
-47.5°	377.1	356.1	332.8	312.2	286.9	260.1	236.3	213.2	198.1	181.6	167.9
-50°	306.2	292.8	277.8	262.6	244.8	223.8	205.8	189.5	176.2	163.9	151.4
-52.5°	250.9	241.5	232.2	221.5	210.7	196.3	181.8	169.0	157.2	146.7	135.8
-55°	209.0	200.3	195.3	189.7	183.7	173.0	161.6	150.3	139.9	130.4	118.6
-57.5°	176.4	167.5	165.8	163.4	160.3	152.5	143.1	133.3	121.6	110.9	100.7
-60°	151.8	141.8	141.4	140.5	139.0	133.7	123.7	112.9	101.3	93.8	86.4
-62.5°	132.0	119.3	119.1	118.0	116.1	111.8	102.5	94.1	86.4	79.8	74.3
-65°	113.7	98.2	95.2	94.5	92.9	89.9	82.9	77.6	73.9	70.7	64.3
-67.5°	98.7	80.6	74.0	73.1	72.1	70.6	67.5	64.9	62.6	60.1	53.9
-70°	82.5	65.5	57.8	57.1	56.1	54.9	53.4	51.8	50.0	46.9	40.9
-72.5°	61.9	50.2	43.7	43.2	42.3	41.3	40.1	37.9	34.7	30.4	26.5
-75°	42.2	35.7	31.4	30.9	30.2	29.2	27.7	25.2	22.7	20.0	17.6
-77.5°	27.0	23.3	20.5	20.1	19.5	18.6	17.4	15.4	13.9	12.4	11.2
-80°	14.8	13.2	11.9	11.6	11.1	10.5	9.7	8.7	7.8	7.1	6.7
-82.5°	6.6	6.5	6.3	6.1	5.8	5.6	5.3	5.1	4.8	4.5	4.1
-85°	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-87.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
-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: P559145 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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°	1.2	1.2	1.1	1.0	1.2	1.4	1.5	1.6	1.4	1.3	1.1
85°	2.5	2.3	2.2	2.1	2.4	2.8	3.0	3.1	2.8	2.5	2.2
82.5°	3.8	3.6	3.4	3.2	3.2	3.2	3.4	3.7	3.7	3.7	3.3
80°	6.2	5.7	5.2	4.7	4.2	3.7	3.6	3.7	3.7	3.7	3.7
77.5°	10.2	9.0	7.6	6.8	6.1	5.4	4.8	4.1	3.7	3.7	3.7
75°	15.6	14.3	12.8	11.0	9.0	7.2	6.4	5.6	4.8	3.8	3.7
72.5°	24.1	21.6	19.0	15.9	13.4	11.0	8.8	7.2	6.4	5.4	4.1
70°	35.0	30.0	26.6	22.7	18.5	14.7	12.1	10.0	8.0	6.9	5.6
67.5°	47.5	40.6	34.9	29.5	24.5	19.9	15.5	13.1	11.0	8.5	7.0
65°	57.1	50.0	43.2	36.9	30.8	25.2	20.2	16.7	14.0	11.3	8.5
62.5°	67.1	58.5	51.1	44.2	37.3	30.8	24.9	21.5	17.3	14.1	10.7
60°	78.4	69.8	59.5	51.5	43.9	36.4	30.6	26.3	21.9	16.8	13.2
57.5°	92.0	82.2	70.5	59.5	50.5	42.3	36.6	31.8	26.5	20.8	15.8
55°	106.7	95.3	81.3	68.6	57.6	48.3	43.1	37.7	31.3	25.1	18.5
52.5°	123.4	108.2	92.5	77.8	65.1	55.3	50.6	43.8	37.0	29.4	22.6
50°	139.0	121.8	104.0	87.6	72.3	64.4	58.5	51.1	42.7	33.9	27.0
47.5°	151.9	134.1	115.9	97.4	80.8	74.2	67.6	58.9	48.4	39.1	31.5
45°	165.1	145.3	126.8	107.8	92.4	85.3	77.5	66.8	55.7	45.4	36.2
42.5°	178.3	157.0	136.5	117.5	105.6	96.5	88.0	76.3	63.2	51.9	41.6
40°	194.9	168.9	146.1	129.3	118.5	107.6	98.2	86.2	71.0	59.1	47.5
37.5°	211.1	182.5	156.8	141.9	130.8	119.0	108.2	96.5	80.8	67.2	53.4
35°	232.0	196.7	171.7	155.0	141.9	130.0	118.0	106.5	92.1	75.5	59.5
32.5°	252.2	214.6	189.0	168.4	152.6	140.4	127.5	119.1	103.8	83.9	65.7
30°	279.2	238.4	205.9	181.0	163.1	149.9	139.5	133.2	115.9	92.3	72.1
27.5°	312.6	261.9	223.2	195.1	174.2	159.2	155.5	148.8	128.4	101.4	79.0
25°	346.6	289.6	244.0	209.3	184.6	175.1	171.3	165.5	141.4	111.6	85.9
22.5°	384.1	317.9	264.1	222.8	202.3	190.4	186.3	179.8	155.0	121.8	92.6
20°	420.5	344.6	284.7	245.1	221.4	206.8	200.5	193.8	169.3	132.0	99.1
17.5°	453.5	374.7	313.7	269.6	240.8	222.8	214.1	207.6	183.9	142.0	105.4
15°	475.6	406.8	340.8	292.4	259.4	238.4	227.3	221.1	198.7	151.8	110.0
12.5°	494.4	434.9	365.2	313.7	277.1	253.6	240.1	234.3	213.5	158.1	112.4
10°	510.0	459.1	387.0	333.3	294.1	268.4	252.5	243.6	219.2	161.3	114.4
7.5°	522.9	479.6	406.3	351.5	307.9	275.8	254.4	245.3	222.6	163.7	116.2
5°	531.9	491.6	415.5	356.2	309.0	275.2	254.4	246.6	225.0	165.3	117.5
2.5°	533.2	492.9	417.8	357.8	309.3	274.0	254.2	247.7	226.2	166.1	118.4
0°	533.2	491.2	418.1	357.9	308.6	272.1	253.8	248.3	226.4	166.2	118.7
-2.5°	533.2	492.9	417.8	357.8	309.3	274.0	254.2	247.7	226.2	166.1	118.4
-5°	531.9	491.6	415.5	356.2	309.0	275.2	254.4	246.6	225.0	165.3	117.5
-7.5°	522.9	479.6	406.3	351.5	307.9	275.8	254.4	245.3	222.6	163.7	116.2
-10°	510.0	459.1	387.0	333.3	294.1	268.4	252.5	243.6	219.2	161.3	114.4
-12.5°	494.4	434.9	365.2	313.7	277.1	253.6	240.1	234.3	213.5	158.1	112.4
-15°	475.6	406.8	340.8	292.4	259.4	238.4	227.3	221.1	198.7	151.8	110.0
-17.5°	453.5	374.7	313.7	269.6	240.8	222.8	214.1	207.6	183.9	142.0	105.4
-20°	420.5	344.6	284.7	245.1	221.4	206.8	200.5	193.8	169.3	132.0	99.1



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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°	384.1	317.9	264.1	222.8	202.3	190.4	186.3	179.8	155.0	121.8	92.6
-25°	346.6	289.6	244.0	209.3	184.6	175.1	171.3	165.5	141.4	111.6	85.9
-27.5°	312.6	261.9	223.2	195.1	174.2	159.2	155.5	148.8	128.4	101.4	79.0
-30°	279.2	238.4	205.9	181.0	163.1	149.9	139.5	133.2	115.9	92.3	72.1
-32.5°	252.2	214.6	189.0	168.4	152.6	140.4	127.5	119.1	103.8	83.9	65.7
-35°	232.0	196.7	171.7	155.0	141.9	130.0	118.0	106.5	92.1	75.5	59.5
-37.5°	211.1	182.5	156.8	141.9	130.8	119.0	108.2	96.5	80.8	67.2	53.4
-40°	194.9	168.9	146.1	129.3	118.5	107.6	98.2	86.2	71.0	59.1	47.5
-42.5°	178.3	157.0	136.5	117.5	105.6	96.5	88.0	76.3	63.2	51.9	41.6
-45°	165.1	145.3	126.8	107.8	92.4	85.3	77.5	66.8	55.7	45.4	36.2
-47.5°	151.9	134.1	115.9	97.4	80.8	74.2	67.6	58.9	48.4	39.1	31.5
-50°	139.0	121.8	104.0	87.6	72.3	64.4	58.5	51.1	42.7	33.9	27.0
-52.5°	123.4	108.2	92.5	77.8	65.1	55.3	50.6	43.8	37.0	29.4	22.6
-55°	106.7	95.3	81.3	68.6	57.6	48.3	43.1	37.7	31.3	25.1	18.5
-57.5°	92.0	82.2	70.5	59.5	50.5	42.3	36.6	31.8	26.5	20.8	15.8
-60°	78.4	69.8	59.5	51.5	43.9	36.4	30.6	26.3	21.9	16.8	13.2
-62.5°	67.1	58.5	51.1	44.2	37.3	30.8	24.9	21.5	17.3	14.1	10.7
-65°	57.1	50.0	43.2	36.9	30.8	25.2	20.2	16.7	14.0	11.3	8.5
-67.5°	47.5	40.6	34.9	29.5	24.5	19.9	15.5	13.1	11.0	8.5	7.0
-70°	35.0	30.0	26.6	22.7	18.5	14.7	12.1	10.0	8.0	6.9	5.6
-72.5°	24.1	21.6	19.0	15.9	13.4	11.0	8.8	7.2	6.4	5.4	4.1
-75°	15.6	14.3	12.8	11.0	9.0	7.2	6.4	5.6	4.8	3.8	3.7
-77.5°	10.2	9.0	7.6	6.8	6.1	5.4	4.8	4.1	3.7	3.7	3.7
-80°	6.2	5.7	5.2	4.7	4.2	3.7	3.6	3.7	3.7	3.7	3.7
-82.5°	3.8	3.6	3.4	3.2	3.2	3.2	3.4	3.7	3.7	3.7	3.3
-85°	2.5	2.3	2.2	2.1	2.4	2.8	3.0	3.1	2.8	2.5	2.2
-87.5°	1.2	1.2	1.1	1.0	1.2	1.4	1.5	1.6	1.4	1.3	1.1
-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):

	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°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
80°	3.7	3.2	2.6	1.9	1.3	0.6	0.0
77.5°	3.7	3.7	3.2	2.4	1.6	0.8	0.0
75°	3.7	3.7	3.7	2.9	1.9	1.0	0.0
72.5°	3.7	3.7	3.7	3.3	2.2	1.1	0.0
70°	3.9	3.7	3.7	3.7	2.5	1.3	0.0
67.5°	5.2	3.7	3.7	3.7	2.8	1.4	0.0
65°	6.6	4.3	3.7	3.7	3.1	1.6	0.0
62.5°	8.0	5.5	3.7	3.7	3.4	1.7	0.0
60°	9.3	6.7	3.7	3.7	3.7	1.8	0.0
57.5°	11.7	7.9	4.6	3.7	3.7	2.0	0.0
55°	14.2	9.1	5.6	3.7	3.7	2.1	0.0
52.5°	16.8	10.4	6.6	3.7	3.8	2.3	0.0
50°	19.4	12.7	7.5	3.7	3.8	2.4	0.0
47.5°	22.3	15.0	8.5	3.9	3.9	2.5	0.0
45°	26.4	17.3	9.4	4.6	3.9	2.6	0.0
42.5°	30.5	19.7	10.3	5.2	4.0	2.7	0.0
40°	34.7	22.0	11.6	5.9	4.0	2.8	0.0
37.5°	39.0	24.3	13.4	6.5	4.1	2.9	0.0
35°	43.3	27.3	15.1	7.0	4.2	3.0	0.0
32.5°	47.7	30.7	16.9	7.5	4.3	3.1	0.0
30°	52.7	34.0	18.5	8.0	4.4	3.2	0.0
27.5°	57.6	37.2	19.6	8.3	4.4	3.3	0.0
25°	62.5	40.3	20.4	8.6	4.5	3.4	0.0
22.5°	67.2	42.8	21.1	8.9	4.6	3.4	0.0
20°	71.9	43.7	21.6	9.1	4.7	3.5	0.0
17.5°	74.3	44.3	21.9	9.2	4.8	3.5	0.0
15°	75.2	44.5	22.0	9.3	4.9	3.6	0.0
12.5°	75.7	44.4	22.0	9.4	5.0	3.6	0.0
10°	75.9	44.1	21.9	9.4	5.1	3.6	0.0
7.5°	75.7	43.5	21.6	9.4	5.2	3.7	0.0
5°	75.2	42.6	21.2	9.3	5.3	3.7	0.0
2.5°	74.3	41.5	20.7	9.2	5.4	3.7	0.0
0°	73.0	40.2	20.1	9.1	5.5	3.7	0.0
-2.5°	74.3	41.5	20.7	9.2	5.4	3.7	0.0
-5°	75.2	42.6	21.2	9.3	5.3	3.7	0.0
-7.5°	75.7	43.5	21.6	9.4	5.2	3.7	0.0
-10°	75.9	44.1	21.9	9.4	5.1	3.6	0.0
-12.5°	75.7	44.4	22.0	9.4	5.0	3.6	0.0
-15°	75.2	44.5	22.0	9.3	4.9	3.6	0.0
-17.5°	74.3	44.3	21.9	9.2	4.8	3.5	0.0
-20°	71.9	43.7	21.6	9.1	4.7	3.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	67.2	42.8	21.1	8.9	4.6	3.4	0.0
-25°	62.5	40.3	20.4	8.6	4.5	3.4	0.0
-27.5°	57.6	37.2	19.6	8.3	4.4	3.3	0.0
-30°	52.7	34.0	18.5	8.0	4.4	3.2	0.0
-32.5°	47.7	30.7	16.9	7.5	4.3	3.1	0.0
-35°	43.3	27.3	15.1	7.0	4.2	3.0	0.0
-37.5°	39.0	24.3	13.4	6.5	4.1	2.9	0.0
-40°	34.7	22.0	11.6	5.9	4.0	2.8	0.0
-42.5°	30.5	19.7	10.3	5.2	4.0	2.7	0.0
-45°	26.4	17.3	9.4	4.6	3.9	2.6	0.0
-47.5°	22.3	15.0	8.5	3.9	3.9	2.5	0.0
-50°	19.4	12.7	7.5	3.7	3.8	2.4	0.0
-52.5°	16.8	10.4	6.6	3.7	3.8	2.3	0.0
-55°	14.2	9.1	5.6	3.7	3.7	2.1	0.0
-57.5°	11.7	7.9	4.6	3.7	3.7	2.0	0.0
-60°	9.3	6.7	3.7	3.7	3.7	1.8	0.0
-62.5°	8.0	5.5	3.7	3.7	3.4	1.7	0.0
-65°	6.6	4.3	3.7	3.7	3.1	1.6	0.0
-67.5°	5.2	3.7	3.7	3.7	2.8	1.4	0.0
-70°	3.9	3.7	3.7	3.7	2.5	1.3	0.0
-72.5°	3.7	3.7	3.7	3.3	2.2	1.1	0.0
-75°	3.7	3.7	3.7	2.9	1.9	1.0	0.0
-77.5°	3.7	3.7	3.2	2.4	1.6	0.8	0.0
-80°	3.7	3.2	2.6	1.9	1.3	0.6	0.0
-82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
-85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-87.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)