

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: P559100 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559100 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5E-927-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

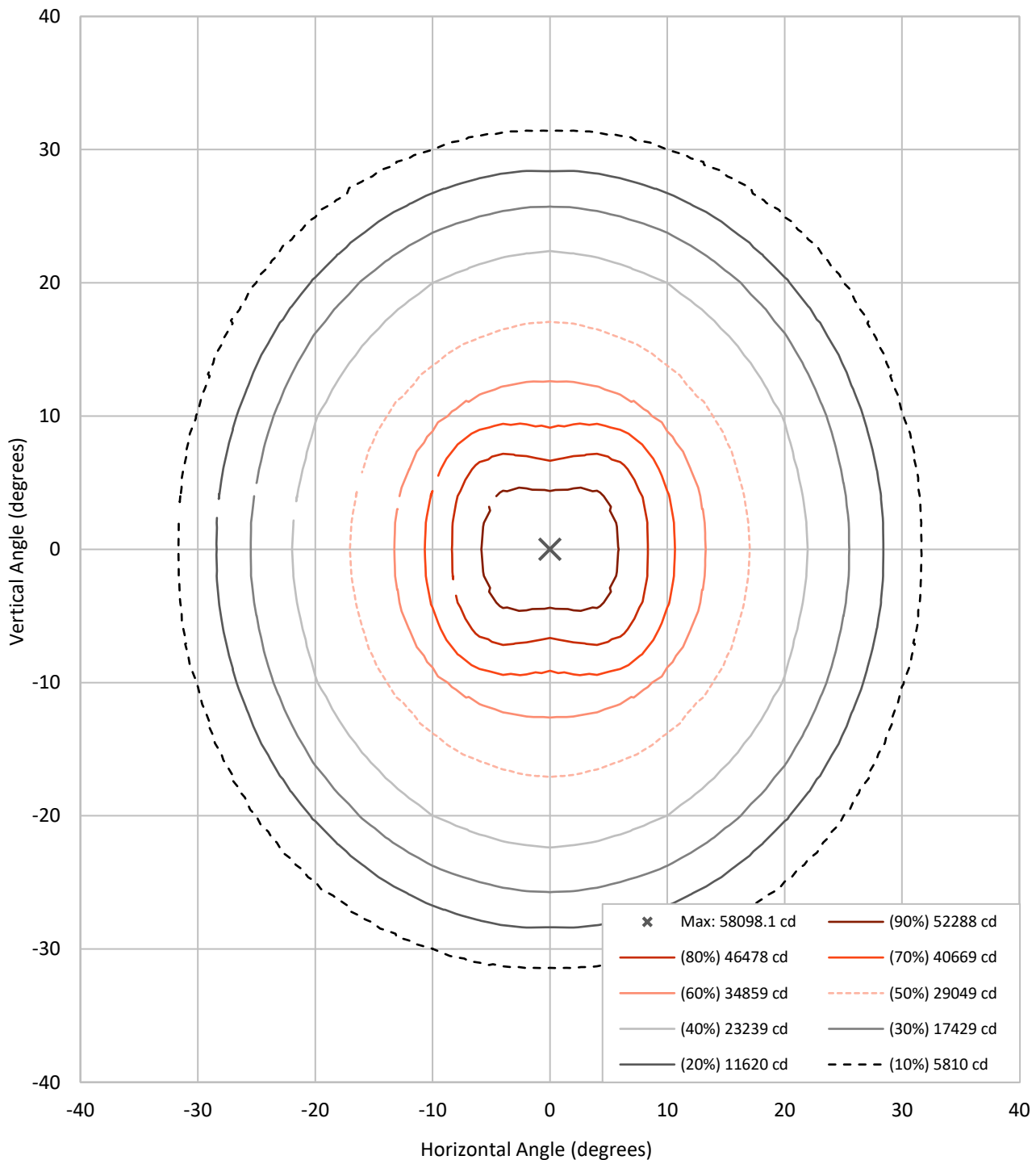
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	25701 lumens	Max Intensity:	58098.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	83.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	10947 lumens	Field Lumens:	22373.4 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 307
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





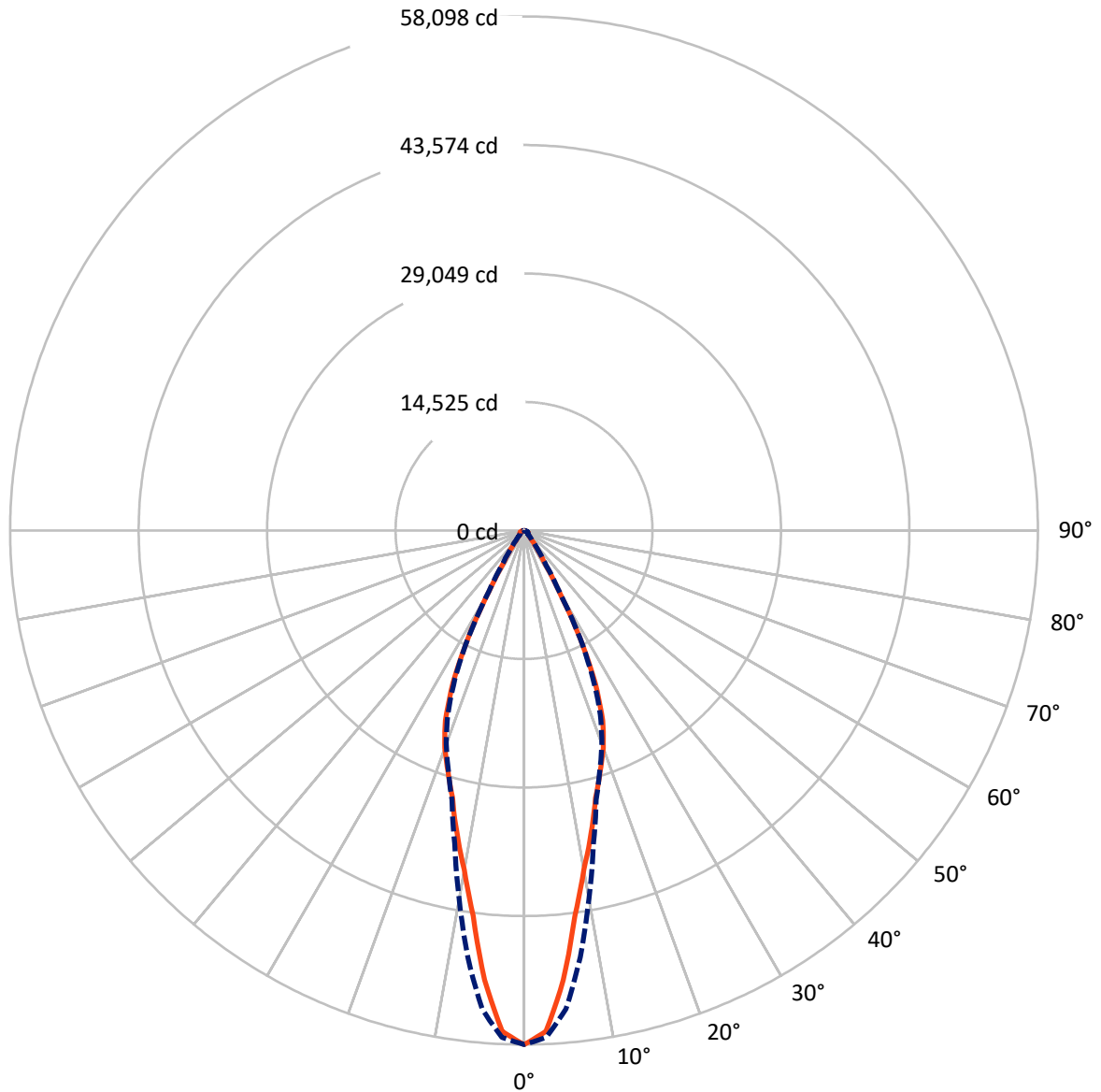
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Lumen Table

90	0.3	2.8		8.0		13.1		15.3		13.1		8.0		2.8		0.3			
80	0.3	2.8		8.0		13.1		15.3		13.1		8.0		2.8		0.3			
70	1.3	1.5	3.3	5.7	8.3	10.7	12.5	13.6	13.6	12.5	10.7	8.3	5.7	3.3	1.5	1.3			
60		2.4	5.3	9.1	12.4	14.0	14.8	15.2	15.2	14.8	14.0	12.4	9.1	5.3	2.4				
50	2.4	3.3	7.3	11.0	12.8	15.8	20.3	23.4	23.4	20.3	15.8	12.8	11.0	7.3	3.3	2.4			
40		4.2	8.5	11.0	16.6	32.8	62.3	95.2	95.2	62.3	32.8	16.6	11.0	8.5	4.2				
30	3.3	4.9	8.8	12.3	30.1	100.0	314.5	517.7	517.7	314.5	100.0	30.1	12.3	8.8	4.9	3.3			
20		5.4	8.8	15.2	56.2	296.4	700.5	927.7	927.7	700.5	296.4	56.2	15.2	8.8	5.4				
10	3.7	5.6	8.8	17.5	85.4	466.9	911.0	1437.5	1437.5	911.0	466.9	85.4	17.5	8.8	5.6	3.7			
0		5.6	8.8	17.5	85.4	466.9	911.0	1437.5	1437.5	911.0	466.9	85.4	17.5	8.8	5.6				
-10	3.3	5.4	8.8	15.2	56.2	296.4	700.5	927.7	927.7	700.5	296.4	56.2	15.2	8.8	5.4	3.3			
-20		4.9	8.8	12.3	30.1	100.0	314.5	517.7	517.7	314.5	100.0	30.1	12.3	8.8	4.9				
-30	2.4	4.2	8.5	11.0	16.6	32.8	62.3	95.2	95.2	62.3	32.8	16.6	11.0	8.5	4.2	2.4			
-40		3.3	7.3	11.0	12.8	15.8	20.3	23.4	23.4	20.3	15.8	12.8	11.0	7.3	3.3				
-50	1.3	2.4	5.3	9.1	12.4	14.0	14.8	15.2	15.2	14.8	14.0	12.4	9.1	5.3	2.4	1.3			
-60		1.5	3.3	5.7	8.3	10.7	12.5	13.6	13.6	12.5	10.7	8.3	5.7	3.3	1.5				
-70	0.3	2.8		8.0		13.1		15.3		13.1		8.0		2.8		0.3			
-80		2.8		8.0		13.1		15.3		13.1		8.0		2.8					
-90	0.3	2.8		8.0		13.1		15.3		13.1		8.0		2.8		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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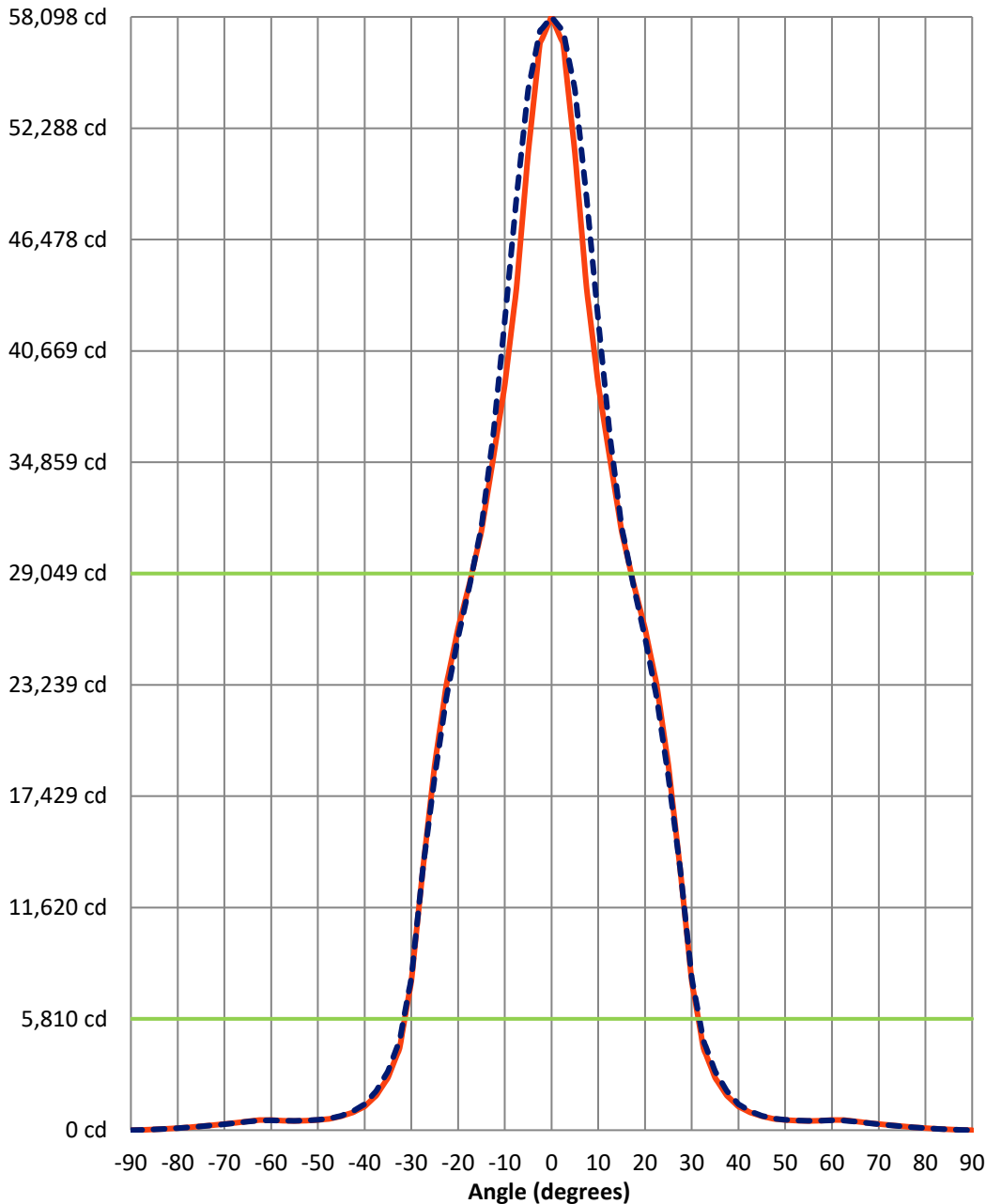
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 10947
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 22373.4
 Efficiency: 87.1%

Spill:
 Lumens: 3327.6
 Efficiency: 12.9%

- 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	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.3
85°	0.0	1.3	2.6	3.9	5.1	6.4	7.7	8.9	10.1	11.3	12.5
82.5°	0.0	1.9	3.9	5.8	7.7	9.6	11.5	13.3	15.4	18.5	21.3
80°	0.0	2.6	5.1	7.7	10.2	12.8	15.6	20.0	24.2	28.1	31.7
77.5°	0.0	3.2	6.4	9.6	12.8	16.8	22.5	27.9	32.9	37.6	42.5
75°	0.0	3.8	7.7	11.5	15.6	22.3	29.3	35.7	41.7	48.1	54.6
72.5°	0.0	4.4	8.9	13.3	19.9	27.8	36.0	43.5	51.0	58.7	66.7
70°	0.0	5.1	10.1	15.4	24.1	33.2	42.5	51.5	60.2	69.3	81.0
67.5°	0.0	5.7	11.3	18.4	28.2	38.4	49.2	59.2	69.3	82.6	95.7
65°	0.0	6.3	12.5	21.4	32.3	43.9	55.8	66.8	81.0	95.7	111.4
62.5°	0.0	6.8	13.7	24.4	36.3	49.5	62.3	76.1	92.5	109.3	129.5
60°	0.0	7.4	14.8	27.2	40.1	55.0	68.8	86.0	103.7	125.3	147.2
57.5°	0.0	8.0	16.6	30.0	44.6	60.5	76.9	95.6	117.0	140.9	165.3
55°	0.0	8.5	18.5	32.7	48.9	65.8	85.0	105.1	130.6	156.3	183.2
52.5°	0.0	9.0	20.2	35.2	53.2	71.3	92.9	116.4	143.8	171.6	200.4
50°	0.0	9.5	22.0	37.7	57.4	77.7	100.6	127.5	156.6	186.3	218.5
47.5°	0.0	10.0	23.6	40.3	61.5	83.8	108.2	138.0	168.9	200.3	236.4
45°	0.0	10.5	25.3	43.3	65.4	89.8	116.8	148.1	180.7	215.9	253.8
42.5°	0.0	10.9	26.8	46.1	69.2	95.5	124.9	157.9	192.2	231.2	271.8
40°	0.0	11.3	28.3	48.9	73.3	100.9	132.7	167.5	203.9	246.0	289.1
37.5°	0.0	11.7	29.8	51.6	77.4	106.1	139.9	176.7	216.3	260.2	305.7
35°	0.0	12.1	31.2	54.0	81.3	111.5	146.7	185.4	228.0	274.1	321.7
32.5°	0.0	12.5	32.5	56.3	85.0	116.8	153.2	193.7	238.9	287.1	336.9
30°	0.0	12.8	33.7	58.4	88.5	121.8	159.8	201.7	249.1	299.3	351.2
27.5°	0.0	13.1	34.9	60.3	91.4	126.3	165.9	209.9	258.7	310.7	364.5
25°	0.0	13.4	36.0	62.0	94.1	130.4	171.5	217.5	267.9	321.4	376.7
22.5°	0.0	13.7	37.0	63.6	96.5	134.1	176.7	224.3	276.3	331.3	389.0
20°	0.0	13.9	37.9	64.9	98.7	137.2	181.4	230.4	283.8	340.3	399.9
17.5°	0.0	14.1	38.7	66.0	100.6	139.9	185.6	235.8	290.5	348.2	409.5
15°	0.0	14.3	39.4	67.0	102.2	142.2	189.2	240.5	296.3	355.0	417.7
12.5°	0.0	14.4	40.1	67.8	103.5	144.2	192.3	244.5	301.1	360.8	424.6
10°	0.0	14.6	40.7	68.4	104.6	145.7	194.9	247.9	304.9	366.0	430.8
7.5°	0.0	14.7	41.1	68.8	105.4	146.9	196.9	250.5	307.7	370.4	437.1
5°	0.0	14.7	41.5	69.0	105.9	147.6	198.4	252.3	309.6	373.7	442.2
2.5°	0.0	14.8	41.7	69.1	106.1	148.0	199.3	253.4	310.5	376.0	446.1
0°	0.0	14.8	41.9	69.0	106.0	147.9	199.6	253.8	310.5	377.1	448.5
-2.5°	0.0	14.8	41.7	69.1	106.1	148.0	199.3	253.4	310.5	376.0	446.1
-5°	0.0	14.7	41.5	69.0	105.9	147.6	198.4	252.3	309.6	373.7	442.2
-7.5°	0.0	14.7	41.1	68.8	105.4	146.9	196.9	250.5	307.7	370.4	437.1
-10°	0.0	14.6	40.7	68.4	104.6	145.7	194.9	247.9	304.9	366.0	430.8
-12.5°	0.0	14.4	40.1	67.8	103.5	144.2	192.3	244.5	301.1	360.8	424.6
-15°	0.0	14.3	39.4	67.0	102.2	142.2	189.2	240.5	296.3	355.0	417.7
-17.5°	0.0	14.1	38.7	66.0	100.6	139.9	185.6	235.8	290.5	348.2	409.5
-20°	0.0	13.9	37.9	64.9	98.7	137.2	181.4	230.4	283.8	340.3	399.9



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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	13.7	37.0	63.6	96.5	134.1	176.7	224.3	276.3	331.3	389.0
-25°	0.0	13.4	36.0	62.0	94.1	130.4	171.5	217.5	267.9	321.4	376.7
-27.5°	0.0	13.1	34.9	60.3	91.4	126.3	165.9	209.9	258.7	310.7	364.5
-30°	0.0	12.8	33.7	58.4	88.5	121.8	159.8	201.7	249.1	299.3	351.2
-32.5°	0.0	12.5	32.5	56.3	85.0	116.8	153.2	193.7	238.9	287.1	336.9
-35°	0.0	12.1	31.2	54.0	81.3	111.5	146.7	185.4	228.0	274.1	321.7
-37.5°	0.0	11.7	29.8	51.6	77.4	106.1	139.9	176.7	216.3	260.2	305.7
-40°	0.0	11.3	28.3	48.9	73.3	100.9	132.7	167.5	203.9	246.0	289.1
-42.5°	0.0	10.9	26.8	46.1	69.2	95.5	124.9	157.9	192.2	231.2	271.8
-45°	0.0	10.5	25.3	43.3	65.4	89.8	116.8	148.1	180.7	215.9	253.8
-47.5°	0.0	10.0	23.6	40.3	61.5	83.8	108.2	138.0	168.9	200.3	236.4
-50°	0.0	9.5	22.0	37.7	57.4	77.7	100.6	127.5	156.6	186.3	218.5
-52.5°	0.0	9.0	20.2	35.2	53.2	71.3	92.9	116.4	143.8	171.6	200.4
-55°	0.0	8.5	18.5	32.7	48.9	65.8	85.0	105.1	130.6	156.3	183.2
-57.5°	0.0	8.0	16.6	30.0	44.6	60.5	76.9	95.6	117.0	140.9	165.3
-60°	0.0	7.4	14.8	27.2	40.1	55.0	68.8	86.0	103.7	125.3	147.2
-62.5°	0.0	6.8	13.7	24.4	36.3	49.5	62.3	76.1	92.5	109.3	129.5
-65°	0.0	6.3	12.5	21.4	32.3	43.9	55.8	66.8	81.0	95.7	111.4
-67.5°	0.0	5.7	11.3	18.4	28.2	38.4	49.2	59.2	69.3	82.6	95.7
-70°	0.0	5.1	10.1	15.4	24.1	33.2	42.5	51.5	60.2	69.3	81.0
-72.5°	0.0	4.4	8.9	13.3	19.9	27.8	36.0	43.5	51.0	58.7	66.7
-75°	0.0	3.8	7.7	11.5	15.6	22.3	29.3	35.7	41.7	48.1	54.6
-77.5°	0.0	3.2	6.4	9.6	12.8	16.8	22.5	27.9	32.9	37.6	42.5
-80°	0.0	2.6	5.1	7.7	10.2	12.8	15.6	20.0	24.2	28.1	31.7
-82.5°	0.0	1.9	3.9	5.8	7.7	9.6	11.5	13.3	15.4	18.5	21.3
-85°	0.0	1.3	2.6	3.9	5.1	6.4	7.7	8.9	10.1	11.3	12.5
-87.5°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.3
-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°	6.8	7.4	8.0	8.5	9.0	9.5	10.0	10.5	10.9	11.3	11.7
85°	13.7	14.8	16.6	18.4	20.0	21.5	22.8	24.0	25.3	26.6	27.8
82.5°	24.2	27.0	29.8	32.4	34.6	36.5	38.5	41.1	44.2	47.2	50.0
80°	35.5	39.2	43.8	48.6	52.8	57.0	61.2	65.4	69.5	73.9	78.2
77.5°	48.3	54.3	60.4	66.6	72.6	79.6	86.4	93.3	99.4	104.9	109.9
75°	61.8	69.2	78.3	87.5	96.4	105.1	113.8	123.4	131.8	139.3	146.4
72.5°	76.5	87.4	98.3	109.2	121.5	133.2	144.7	155.7	165.8	175.2	184.6
70°	92.9	105.4	119.9	134.7	148.9	162.4	175.6	188.0	199.7	212.1	225.3
67.5°	109.7	126.8	143.6	160.2	176.9	192.2	206.7	222.7	238.5	254.1	269.0
65°	129.6	148.5	167.9	186.9	205.1	223.7	242.2	260.5	279.1	296.8	313.3
62.5°	149.3	171.2	192.8	213.9	235.5	256.5	278.2	299.7	320.3	341.8	362.5
60°	170.2	194.2	217.8	241.6	265.7	291.0	315.1	340.3	365.6	390.0	413.4
57.5°	190.9	216.9	242.7	269.7	297.9	325.7	354.3	382.5	411.5	439.2	463.4
55°	211.1	239.1	268.2	299.1	330.0	361.9	393.8	426.8	458.0	481.3	503.2
52.5°	231.4	261.5	294.8	328.4	362.8	398.6	435.8	467.5	493.5	513.5	518.3
50°	251.3	285.8	321.0	357.8	395.9	436.3	471.9	500.6	515.2	520.9	517.9
47.5°	272.3	309.3	347.2	386.9	429.5	468.1	501.7	516.3	523.3	515.7	506.4
45°	293.1	332.8	372.9	416.4	459.0	495.6	514.4	524.8	515.5	506.4	499.9
42.5°	313.1	355.7	399.5	444.4	484.0	509.8	521.7	515.8	507.7	500.8	503.1
40°	333.0	377.7	425.6	467.9	503.5	516.7	514.7	507.3	502.7	505.7	515.8
37.5°	352.2	400.7	449.7	490.6	509.8	515.1	506.3	501.6	505.1	516.8	539.0
35°	370.3	422.9	469.5	503.8	516.6	507.5	501.2	500.5	513.7	537.3	570.3
32.5°	388.6	443.9	488.1	509.5	511.6	501.5	496.7	508.0	528.8	560.1	615.6
30°	406.5	460.2	501.7	514.8	505.8	497.9	500.7	517.0	545.2	597.1	686.9
27.5°	422.8	474.9	506.1	512.4	500.7	494.2	506.5	531.0	572.1	641.3	769.4
25°	437.7	488.2	510.0	507.6	497.4	496.6	513.3	543.6	600.1	712.1	887.6
22.5°	449.9	500.4	513.7	503.3	494.0	500.6	523.9	565.9	641.7	778.9	1011.0
20°	459.9	503.4	513.0	499.1	490.7	503.9	533.3	587.9	697.5	883.4	1149.9
17.5°	468.9	506.1	509.5	496.3	492.7	509.1	543.2	607.4	747.2	973.3	1283.3
15°	476.9	508.5	506.2	493.9	495.1	516.0	559.2	644.3	806.7	1057.9	1403.2
12.5°	483.8	510.5	503.1	491.9	496.9	521.8	572.8	678.0	865.5	1149.7	1595.4
10°	489.6	512.1	500.2	490.3	498.1	526.4	583.9	704.5	910.7	1227.6	1756.6
7.5°	494.9	513.5	497.8	489.0	498.8	529.8	592.3	723.9	942.9	1290.1	1877.2
5°	498.9	514.4	496.4	488.4	500.5	533.5	598.5	736.6	962.5	1335.6	1958.0
2.5°	501.4	514.9	495.6	488.0	503.1	538.4	603.8	747.2	979.9	1358.2	2015.4
0°	502.7	515.1	495.3	487.9	505.2	542.2	606.2	751.6	988.2	1357.9	2050.4
-2.5°	501.4	514.9	495.6	488.0	503.1	538.4	603.8	747.2	979.9	1358.2	2015.4
-5°	498.9	514.4	496.4	488.4	500.5	533.5	598.5	736.6	962.5	1335.6	1958.0
-7.5°	494.9	513.5	497.8	489.0	498.8	529.8	592.3	723.9	942.9	1290.1	1877.2
-10°	489.6	512.1	500.2	490.3	498.1	526.4	583.9	704.5	910.7	1227.6	1756.6
-12.5°	483.8	510.5	503.1	491.9	496.9	521.8	572.8	678.0	865.5	1149.7	1595.4
-15°	476.9	508.5	506.2	493.9	495.1	516.0	559.2	644.3	806.7	1057.9	1403.2
-17.5°	468.9	506.1	509.5	496.3	492.7	509.1	543.2	607.4	747.2	973.3	1283.3
-20°	459.9	503.4	513.0	499.1	490.7	503.9	533.3	587.9	697.5	883.4	1149.9



REPORT NUMBER: P559100 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	449.9	500.4	513.7	503.3	494.0	500.6	523.9	565.9	641.7	778.9	1011.0
-25°	437.7	488.2	510.0	507.6	497.4	496.6	513.3	543.6	600.1	712.1	887.6
-27.5°	422.8	474.9	506.1	512.4	500.7	494.2	506.5	531.0	572.1	641.3	769.4
-30°	406.5	460.2	501.7	514.8	505.8	497.9	500.7	517.0	545.2	597.1	686.9
-32.5°	388.6	443.9	488.1	509.5	511.6	501.5	496.7	508.0	528.8	560.1	615.6
-35°	370.3	422.9	469.5	503.8	516.6	507.5	501.2	500.5	513.7	537.3	570.3
-37.5°	352.2	400.7	449.7	490.6	509.8	515.1	506.3	501.6	505.1	516.8	539.0
-40°	333.0	377.7	425.6	467.9	503.5	516.7	514.7	507.3	502.7	505.7	515.8
-42.5°	313.1	355.7	399.5	444.4	484.0	509.8	521.7	515.8	507.7	500.8	503.1
-45°	293.1	332.8	372.9	416.4	459.0	495.6	514.4	524.8	515.5	506.4	499.9
-47.5°	272.3	309.3	347.2	386.9	429.5	468.1	501.7	516.3	523.3	515.7	506.4
-50°	251.3	285.8	321.0	357.8	395.9	436.3	471.9	500.6	515.2	520.9	517.9
-52.5°	231.4	261.5	294.8	328.4	362.8	398.6	435.8	467.5	493.5	513.5	518.3
-55°	211.1	239.1	268.2	299.1	330.0	361.9	393.8	426.8	458.0	481.3	503.2
-57.5°	190.9	216.9	242.7	269.7	297.9	325.7	354.3	382.5	411.5	439.2	463.4
-60°	170.2	194.2	217.8	241.6	265.7	291.0	315.1	340.3	365.6	390.0	413.4
-62.5°	149.3	171.2	192.8	213.9	235.5	256.5	278.2	299.7	320.3	341.8	362.5
-65°	129.6	148.5	167.9	186.9	205.1	223.7	242.2	260.5	279.1	296.8	313.3
-67.5°	109.7	126.8	143.6	160.2	176.9	192.2	206.7	222.7	238.5	254.1	269.0
-70°	92.9	105.4	119.9	134.7	148.9	162.4	175.6	188.0	199.7	212.1	225.3
-72.5°	76.5	87.4	98.3	109.2	121.5	133.2	144.7	155.7	165.8	175.2	184.6
-75°	61.8	69.2	78.3	87.5	96.4	105.1	113.8	123.4	131.8	139.3	146.4
-77.5°	48.3	54.3	60.4	66.6	72.6	79.6	86.4	93.3	99.4	104.9	109.9
-80°	35.5	39.2	43.8	48.6	52.8	57.0	61.2	65.4	69.5	73.9	78.2
-82.5°	24.2	27.0	29.8	32.4	34.6	36.5	38.5	41.1	44.2	47.2	50.0
-85°	13.7	14.8	16.6	18.4	20.0	21.5	22.8	24.0	25.3	26.6	27.8
-87.5°	6.8	7.4	8.0	8.5	9.0	9.5	10.0	10.5	10.9	11.3	11.7
-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: P559100 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-MR-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°	12.1	12.0	11.7	11.5	11.2	11.4	11.6	11.7	11.9	12.6	13.3
85°	29.0	30.2	31.6	32.9	34.3	35.3	36.1	36.9	37.5	38.1	38.6
82.5°	52.7	55.5	58.0	60.3	62.4	64.1	65.7	67.0	68.2	69.2	70.0
80°	82.2	85.8	89.1	92.0	94.5	96.7	98.6	100.1	101.3	103.7	106.1
77.5°	115.0	120.1	124.9	129.2	133.2	137.0	140.6	143.9	146.8	149.0	150.6
75°	153.1	159.6	166.1	172.1	177.5	183.1	188.6	193.6	198.1	201.1	203.3
72.5°	194.0	202.8	210.7	218.3	225.0	231.9	238.7	244.8	250.2	254.3	257.6
70°	237.9	249.2	258.4	267.0	275.5	284.1	292.4	299.7	306.0	311.1	315.3
67.5°	283.2	296.2	307.8	319.1	330.4	341.0	351.1	360.5	369.2	375.7	380.1
65°	329.6	346.3	361.6	375.5	388.0	400.0	412.6	424.3	434.8	443.4	450.1
62.5°	382.1	401.0	418.3	433.8	447.8	458.9	470.9	481.9	491.8	500.9	510.0
60°	435.7	456.8	472.0	485.2	497.3	508.0	512.2	516.2	519.5	522.5	526.0
57.5°	482.5	500.6	513.7	516.7	519.3	521.7	520.2	516.0	511.5	507.2	503.7
55°	515.1	520.3	526.0	521.6	514.3	507.6	501.6	497.5	493.7	490.2	487.3
52.5°	523.8	518.8	512.8	506.1	501.1	495.9	490.8	491.7	493.3	494.5	495.1
50°	511.1	505.2	501.9	498.2	498.8	501.4	503.5	508.3	514.4	518.7	522.3
47.5°	501.2	497.4	502.3	508.6	514.4	525.0	534.4	543.6	557.9	569.2	578.3
45°	498.5	507.8	517.5	532.8	546.3	569.6	591.5	609.7	643.8	675.0	699.5
42.5°	512.6	528.7	546.2	576.0	608.1	649.3	702.2	746.9	799.3	848.2	883.6
40°	535.9	559.5	599.0	646.8	721.9	788.7	876.3	951.3	1021.7	1096.4	1152.6
37.5°	569.3	613.4	687.2	773.3	887.2	996.6	1117.4	1234.8	1334.7	1486.0	1604.4
35°	619.0	708.3	813.1	956.9	1105.7	1273.3	1450.0	1677.7	1878.1	2113.3	2334.4
32.5°	709.4	830.4	994.7	1189.2	1386.9	1676.2	1949.2	2319.0	2651.5	3066.3	3512.4
30°	815.4	995.8	1216.6	1470.5	1828.6	2226.6	2675.2	3242.6	3916.8	4719.5	5796.7
27.5°	961.3	1193.0	1470.6	1882.5	2390.3	2923.6	3719.3	4673.0	6411.0	7925.5	9932.8
25°	1118.5	1401.5	1840.6	2394.0	3062.2	4022.7	5578.2	7562.7	10373.5	13061.1	15209.8
22.5°	1299.7	1713.2	2267.4	2956.1	4037.7	5897.2	8312.4	11807.1	14941.4	17652.2	19739.9
20°	1500.2	2018.9	2763.8	3816.2	5658.1	8381.5	12258.6	15845.2	19046.5	21380.1	23224.7
17.5°	1760.0	2437.6	3382.7	4834.9	7661.9	11858.5	15855.5	19400.6	22186.0	24236.3	25871.5
15°	2002.7	2823.0	4047.8	6525.6	10384.2	14869.4	18966.4	22128.8	24539.3	26447.1	27917.4
12.5°	2289.0	3256.0	4825.3	7986.2	12887.3	17353.5	21175.2	24128.2	26449.4	28237.8	30208.2
10°	2544.0	3721.7	5939.3	9932.6	14943.0	19305.7	23017.1	25670.8	27998.4	30329.0	33283.5
7.5°	2754.5	4112.7	6852.9	11574.9	16521.2	20749.8	24130.8	26782.5	29347.8	32460.3	36721.9
5°	2921.8	4407.5	7604.4	12814.7	17668.5	21780.4	24981.5	27669.3	30566.9	34730.6	40449.7
2.5°	3033.6	4600.6	8074.3	13563.8	18392.4	22371.6	25612.1	28249.3	31287.3	36001.6	41976.5
0°	3078.0	4689.7	7955.1	13699.6	18436.1	22564.0	25706.1	28466.2	31492.5	36214.3	42256.9
-2.5°	3033.6	4600.6	8074.3	13563.8	18392.4	22371.6	25612.1	28249.3	31287.3	36001.6	41976.5
-5°	2921.8	4407.5	7604.4	12814.7	17668.5	21780.4	24981.5	27669.3	30566.9	34730.6	40449.7
-7.5°	2754.5	4112.7	6852.9	11574.9	16521.2	20749.8	24130.8	26782.5	29347.8	32460.3	36721.9
-10°	2544.0	3721.7	5939.3	9932.6	14943.0	19305.7	23017.1	25670.8	27998.4	30329.0	33283.5
-12.5°	2289.0	3256.0	4825.3	7986.2	12887.3	17353.5	21175.2	24128.2	26449.4	28237.8	30208.2
-15°	2002.7	2823.0	4047.8	6525.6	10384.2	14869.4	18966.4	22128.8	24539.3	26447.1	27917.4
-17.5°	1760.0	2437.6	3382.7	4834.9	7661.9	11858.5	15855.5	19400.6	22186.0	24236.3	25871.5
-20°	1500.2	2018.9	2763.8	3816.2	5658.1	8381.5	12258.6	15845.2	19046.5	21380.1	23224.7



REPORT NUMBER: P559100 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1299.7	1713.2	2267.4	2956.1	4037.7	5897.2	8312.4	11807.1	14941.4	17652.2	19739.9
-25°	1118.5	1401.5	1840.6	2394.0	3062.2	4022.7	5578.2	7562.7	10373.5	13061.1	15209.8
-27.5°	961.3	1193.0	1470.6	1882.5	2390.3	2923.6	3719.3	4673.0	6411.0	7925.5	9932.8
-30°	815.4	995.8	1216.6	1470.5	1828.6	2226.6	2675.2	3242.6	3916.8	4719.5	5796.7
-32.5°	709.4	830.4	994.7	1189.2	1386.9	1676.2	1949.2	2319.0	2651.5	3066.3	3512.4
-35°	619.0	708.3	813.1	956.9	1105.7	1273.3	1450.0	1677.7	1878.1	2113.3	2334.4
-37.5°	569.3	613.4	687.2	773.3	887.2	996.6	1117.4	1234.8	1334.7	1486.0	1604.4
-40°	535.9	559.5	599.0	646.8	721.9	788.7	876.3	951.3	1021.7	1096.4	1152.6
-42.5°	512.6	528.7	546.2	576.0	608.1	649.3	702.2	746.9	799.3	848.2	883.6
-45°	498.5	507.8	517.5	532.8	546.3	569.6	591.5	609.7	643.8	675.0	699.5
-47.5°	501.2	497.4	502.3	508.6	514.4	525.0	534.4	543.6	557.9	569.2	578.3
-50°	511.1	505.2	501.9	498.2	498.8	501.4	503.5	508.3	514.4	518.7	522.3
-52.5°	523.8	518.8	512.8	506.1	501.1	495.9	490.8	491.7	493.3	494.5	495.1
-55°	515.1	520.3	526.0	521.6	514.3	507.6	501.6	497.5	493.7	490.2	487.3
-57.5°	482.5	500.6	513.7	516.7	519.3	521.7	520.2	516.0	511.5	507.2	503.7
-60°	435.7	456.8	472.0	485.2	497.3	508.0	512.2	516.2	519.5	522.5	526.0
-62.5°	382.1	401.0	418.3	433.8	447.8	458.9	470.9	481.9	491.8	500.9	510.0
-65°	329.6	346.3	361.6	375.5	388.0	400.0	412.6	424.3	434.8	443.4	450.1
-67.5°	283.2	296.2	307.8	319.1	330.4	341.0	351.1	360.5	369.2	375.7	380.1
-70°	237.9	249.2	258.4	267.0	275.5	284.1	292.4	299.7	306.0	311.1	315.3
-72.5°	194.0	202.8	210.7	218.3	225.0	231.9	238.7	244.8	250.2	254.3	257.6
-75°	153.1	159.6	166.1	172.1	177.5	183.1	188.6	193.6	198.1	201.1	203.3
-77.5°	115.0	120.1	124.9	129.2	133.2	137.0	140.6	143.9	146.8	149.0	150.6
-80°	82.2	85.8	89.1	92.0	94.5	96.7	98.6	100.1	101.3	103.7	106.1
-82.5°	52.7	55.5	58.0	60.3	62.4	64.1	65.7	67.0	68.2	69.2	70.0
-85°	29.0	30.2	31.6	32.9	34.3	35.3	36.1	36.9	37.5	38.1	38.6
-87.5°	12.1	12.0	11.7	11.5	11.2	11.4	11.6	11.7	11.9	12.6	13.3
-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: P559100 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-MR-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°	14.1	14.7	14.8	14.8	14.8	14.7	14.1	13.3	12.6	11.9	11.7
85°	39.0	39.2	40.6	41.9	40.6	39.2	39.0	38.6	38.1	37.5	36.9
82.5°	70.7	71.1	71.4	71.5	71.4	71.1	70.7	70.0	69.2	68.2	67.0
80°	108.3	110.3	109.5	108.4	109.5	110.3	108.3	106.1	103.7	101.3	100.1
77.5°	151.6	152.0	151.4	150.3	151.4	152.0	151.6	150.6	149.0	146.8	143.9
75°	204.8	205.8	206.7	207.0	206.7	205.8	204.8	203.3	201.1	198.1	193.6
72.5°	260.2	262.1	262.1	261.2	262.1	262.1	260.2	257.6	254.3	250.2	244.8
70°	318.6	320.9	322.3	322.8	322.3	320.9	318.6	315.3	311.1	306.0	299.7
67.5°	383.1	384.8	386.3	386.9	386.3	384.8	383.1	380.1	375.7	369.2	360.5
65°	455.7	460.1	461.4	460.8	461.4	460.1	455.7	450.1	443.4	434.8	424.3
62.5°	518.4	525.9	529.0	529.8	529.0	525.9	518.4	510.0	500.9	491.8	481.9
60°	529.0	531.6	532.3	532.3	532.3	531.6	529.0	526.0	522.5	519.5	516.2
57.5°	500.4	497.5	495.8	495.3	495.8	497.5	500.4	503.7	507.2	511.5	516.0
55°	484.5	482.0	480.8	480.6	480.8	482.0	484.5	487.3	490.2	493.7	497.5
52.5°	495.3	495.0	496.0	497.8	496.0	495.0	495.3	495.1	494.5	493.3	491.7
50°	525.5	527.7	530.0	532.3	530.0	527.7	525.5	522.3	518.7	514.4	508.3
47.5°	584.8	588.2	590.3	591.5	590.3	588.2	584.8	578.3	569.2	557.9	543.6
45°	715.5	724.0	728.2	729.5	728.2	724.0	715.5	699.5	675.0	643.8	609.7
42.5°	907.1	920.0	925.5	926.6	925.5	920.0	907.1	883.6	848.2	799.3	746.9
40°	1192.8	1215.7	1226.8	1234.7	1226.8	1215.7	1192.8	1152.6	1096.4	1021.7	951.3
37.5°	1693.0	1750.5	1783.1	1811.3	1783.1	1750.5	1693.0	1604.4	1486.0	1334.7	1234.8
35°	2514.2	2646.0	2723.6	2740.4	2723.6	2646.0	2514.2	2334.4	2113.3	1878.1	1677.7
32.5°	3855.8	4114.2	4268.7	4288.0	4268.7	4114.2	3855.8	3512.4	3066.3	2651.5	2319.0
30°	6632.8	7357.0	7853.3	7785.0	7853.3	7357.0	6632.8	5796.7	4719.5	3916.8	3242.6
27.5°	11577.2	12890.4	13743.4	13672.5	13743.4	12890.4	11577.2	9932.8	7925.5	6411.0	4673.0
25°	16861.7	18070.4	18783.9	19047.3	18783.9	18070.4	16861.7	15209.8	13061.1	10373.5	7562.7
22.5°	21176.9	22257.6	22874.8	23244.2	22874.8	22257.6	21176.9	19739.9	17652.2	14941.4	11807.1
20°	24483.3	25420.5	25951.3	26179.2	25951.3	25420.5	24483.3	23224.7	21380.1	19046.5	15845.2
17.5°	27026.9	27811.5	28412.5	28567.2	28412.5	27811.5	27026.9	25871.5	24236.3	22186.0	19400.6
15°	29276.9	30290.3	30999.0	31263.3	30999.0	30290.3	29276.9	27917.4	26447.1	24539.3	22128.8
12.5°	32114.0	33876.1	34812.9	35028.9	34812.9	33876.1	32114.0	30208.2	28237.8	26449.4	24128.2
10°	36307.5	39016.1	39323.1	38902.9	39323.1	39016.1	36307.5	33283.5	30329.0	27998.4	25670.8
7.5°	42415.0	46026.6	45245.7	43945.1	45245.7	46026.6	42415.0	36721.9	32460.3	29347.8	26782.5
5°	46785.5	51799.9	51955.6	51000.6	51955.6	51799.9	46785.5	40449.7	34730.6	30566.9	27669.3
2.5°	48525.6	53687.2	56256.3	56677.4	56256.3	53687.2	48525.6	41976.5	36001.6	31287.3	28249.3
0°	48655.8	54295.5	57341.5	58098.1	57341.5	54295.5	48655.8	42256.9	36214.3	31492.5	28466.2
-2.5°	48525.6	53687.2	56256.3	56677.4	56256.3	53687.2	48525.6	41976.5	36001.6	31287.3	28249.3
-5°	46785.5	51799.9	51955.6	51000.6	51955.6	51799.9	46785.5	40449.7	34730.6	30566.9	27669.3
-7.5°	42415.0	46026.6	45245.7	43945.1	45245.7	46026.6	42415.0	36721.9	32460.3	29347.8	26782.5
-10°	36307.5	39016.1	39323.1	38902.9	39323.1	39016.1	36307.5	33283.5	30329.0	27998.4	25670.8
-12.5°	32114.0	33876.1	34812.9	35028.9	34812.9	33876.1	32114.0	30208.2	28237.8	26449.4	24128.2
-15°	29276.9	30290.3	30999.0	31263.3	30999.0	30290.3	29276.9	27917.4	26447.1	24539.3	22128.8
-17.5°	27026.9	27811.5	28412.5	28567.2	28412.5	27811.5	27026.9	25871.5	24236.3	22186.0	19400.6
-20°	24483.3	25420.5	25951.3	26179.2	25951.3	25420.5	24483.3	23224.7	21380.1	19046.5	15845.2



REPORT NUMBER: P559100 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	21176.9	22257.6	22874.8	23244.2	22874.8	22257.6	21176.9	19739.9	17652.2	14941.4	11807.1
-25°	16861.7	18070.4	18783.9	19047.3	18783.9	18070.4	16861.7	15209.8	13061.1	10373.5	7562.7
-27.5°	11577.2	12890.4	13743.4	13672.5	13743.4	12890.4	11577.2	9932.8	7925.5	6411.0	4673.0
-30°	6632.8	7357.0	7853.3	7785.0	7853.3	7357.0	6632.8	5796.7	4719.5	3916.8	3242.6
-32.5°	3855.8	4114.2	4268.7	4288.0	4268.7	4114.2	3855.8	3512.4	3066.3	2651.5	2319.0
-35°	2514.2	2646.0	2723.6	2740.4	2723.6	2646.0	2514.2	2334.4	2113.3	1878.1	1677.7
-37.5°	1693.0	1750.5	1783.1	1811.3	1783.1	1750.5	1693.0	1604.4	1486.0	1334.7	1234.8
-40°	1192.8	1215.7	1226.8	1234.7	1226.8	1215.7	1192.8	1152.6	1096.4	1021.7	951.3
-42.5°	907.1	920.0	925.5	926.6	925.5	920.0	907.1	883.6	848.2	799.3	746.9
-45°	715.5	724.0	728.2	729.5	728.2	724.0	715.5	699.5	675.0	643.8	609.7
-47.5°	584.8	588.2	590.3	591.5	590.3	588.2	584.8	578.3	569.2	557.9	543.6
-50°	525.5	527.7	530.0	532.3	530.0	527.7	525.5	522.3	518.7	514.4	508.3
-52.5°	495.3	495.0	496.0	497.8	496.0	495.0	495.3	495.1	494.5	493.3	491.7
-55°	484.5	482.0	480.8	480.6	480.8	482.0	484.5	487.3	490.2	493.7	497.5
-57.5°	500.4	497.5	495.8	495.3	495.8	497.5	500.4	503.7	507.2	511.5	516.0
-60°	529.0	531.6	532.3	532.3	532.3	531.6	529.0	526.0	522.5	519.5	516.2
-62.5°	518.4	525.9	529.0	529.8	529.0	525.9	518.4	510.0	500.9	491.8	481.9
-65°	455.7	460.1	461.4	460.8	461.4	460.1	455.7	450.1	443.4	434.8	424.3
-67.5°	383.1	384.8	386.3	386.9	386.3	384.8	383.1	380.1	375.7	369.2	360.5
-70°	318.6	320.9	322.3	322.8	322.3	320.9	318.6	315.3	311.1	306.0	299.7
-72.5°	260.2	262.1	262.1	261.2	262.1	262.1	260.2	257.6	254.3	250.2	244.8
-75°	204.8	205.8	206.7	207.0	206.7	205.8	204.8	203.3	201.1	198.1	193.6
-77.5°	151.6	152.0	151.4	150.3	151.4	152.0	151.6	150.6	149.0	146.8	143.9
-80°	108.3	110.3	109.5	108.4	109.5	110.3	108.3	106.1	103.7	101.3	100.1
-82.5°	70.7	71.1	71.4	71.5	71.4	71.1	70.7	70.0	69.2	68.2	67.0
-85°	39.0	39.2	40.6	41.9	40.6	39.2	39.0	38.6	38.1	37.5	36.9
-87.5°	14.1	14.7	14.8	14.8	14.8	14.7	14.1	13.3	12.6	11.9	11.7
-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: P559100 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-MR-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°	11.6	11.4	11.2	11.5	11.7	12.0	12.1	11.7	11.3	10.9	10.5
85°	36.1	35.3	34.3	32.9	31.6	30.2	29.0	27.8	26.6	25.3	24.0
82.5°	65.7	64.1	62.4	60.3	58.0	55.5	52.7	50.0	47.2	44.2	41.1
80°	98.6	96.7	94.5	92.0	89.1	85.8	82.2	78.2	73.9	69.5	65.4
77.5°	140.6	137.0	133.2	129.2	124.9	120.1	115.0	109.9	104.9	99.4	93.3
75°	188.6	183.1	177.5	172.1	166.1	159.6	153.1	146.4	139.3	131.8	123.4
72.5°	238.7	231.9	225.0	218.3	210.7	202.8	194.0	184.6	175.2	165.8	155.7
70°	292.4	284.1	275.5	267.0	258.4	249.2	237.9	225.3	212.1	199.7	188.0
67.5°	351.1	341.0	330.4	319.1	307.8	296.2	283.2	269.0	254.1	238.5	222.7
65°	412.6	400.0	388.0	375.5	361.6	346.3	329.6	313.3	296.8	279.1	260.5
62.5°	470.9	458.9	447.8	433.8	418.3	401.0	382.1	362.5	341.8	320.3	299.7
60°	512.2	508.0	497.3	485.2	472.0	456.8	435.7	413.4	390.0	365.6	340.3
57.5°	520.2	521.7	519.3	516.7	513.7	500.6	482.5	463.4	439.2	411.5	382.5
55°	501.6	507.6	514.3	521.6	526.0	520.3	515.1	503.2	481.3	458.0	426.8
52.5°	490.8	495.9	501.1	506.1	512.8	518.8	523.8	518.3	513.5	493.5	467.5
50°	503.5	501.4	498.8	498.2	501.9	505.2	511.1	517.9	520.9	515.2	500.6
47.5°	534.4	525.0	514.4	508.6	502.3	497.4	501.2	506.4	515.7	523.3	516.3
45°	591.5	569.6	546.3	532.8	517.5	507.8	498.5	499.9	506.4	515.5	524.8
42.5°	702.2	649.3	608.1	576.0	546.2	528.7	512.6	503.1	500.8	507.7	515.8
40°	876.3	788.7	721.9	646.8	599.0	559.5	535.9	515.8	505.7	502.7	507.3
37.5°	1117.4	996.6	887.2	773.3	687.2	613.4	569.3	539.0	516.8	505.1	501.6
35°	1450.0	1273.3	1105.7	956.9	813.1	708.3	619.0	570.3	537.3	513.7	500.5
32.5°	1949.2	1676.2	1386.9	1189.2	994.7	830.4	709.4	615.6	560.1	528.8	508.0
30°	2675.2	2226.6	1828.6	1470.5	1216.6	995.8	815.4	686.9	597.1	545.2	517.0
27.5°	3719.3	2923.6	2390.3	1882.5	1470.6	1193.0	961.3	769.4	641.3	572.1	531.0
25°	5578.2	4022.7	3062.2	2394.0	1840.6	1401.5	1118.5	887.6	712.1	600.1	543.6
22.5°	8312.4	5897.2	4037.7	2956.1	2267.4	1713.2	1299.7	1011.0	778.9	641.7	565.9
20°	12258.6	8381.5	5658.1	3816.2	2763.8	2018.9	1500.2	1149.9	883.4	697.5	587.9
17.5°	15855.5	11858.5	7661.9	4834.9	3382.7	2437.6	1760.0	1283.3	973.3	747.2	607.4
15°	18966.4	14869.4	10384.2	6525.6	4047.8	2823.0	2002.7	1403.2	1057.9	806.7	644.3
12.5°	21175.2	17353.5	12887.3	7986.2	4825.3	3256.0	2289.0	1595.4	1149.7	865.5	678.0
10°	23017.1	19305.7	14943.0	9932.6	5939.3	3721.7	2544.0	1756.6	1227.6	910.7	704.5
7.5°	24130.8	20749.8	16521.2	11574.9	6852.9	4112.7	2754.5	1877.2	1290.1	942.9	723.9
5°	24981.5	21780.4	17668.5	12814.7	7604.4	4407.5	2921.8	1958.0	1335.6	962.5	736.6
2.5°	25612.1	22371.6	18392.4	13563.8	8074.3	4600.6	3033.6	2015.4	1358.2	979.9	747.2
0°	25706.1	22564.0	18436.1	13699.6	7955.1	4689.7	3078.0	2050.4	1357.9	988.2	751.6
-2.5°	25612.1	22371.6	18392.4	13563.8	8074.3	4600.6	3033.6	2015.4	1358.2	979.9	747.2
-5°	24981.5	21780.4	17668.5	12814.7	7604.4	4407.5	2921.8	1958.0	1335.6	962.5	736.6
-7.5°	24130.8	20749.8	16521.2	11574.9	6852.9	4112.7	2754.5	1877.2	1290.1	942.9	723.9
-10°	23017.1	19305.7	14943.0	9932.6	5939.3	3721.7	2544.0	1756.6	1227.6	910.7	704.5
-12.5°	21175.2	17353.5	12887.3	7986.2	4825.3	3256.0	2289.0	1595.4	1149.7	865.5	678.0
-15°	18966.4	14869.4	10384.2	6525.6	4047.8	2823.0	2002.7	1403.2	1057.9	806.7	644.3
-17.5°	15855.5	11858.5	7661.9	4834.9	3382.7	2437.6	1760.0	1283.3	973.3	747.2	607.4
-20°	12258.6	8381.5	5658.1	3816.2	2763.8	2018.9	1500.2	1149.9	883.4	697.5	587.9



REPORT NUMBER: P559100 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8312.4	5897.2	4037.7	2956.1	2267.4	1713.2	1299.7	1011.0	778.9	641.7	565.9
-25°	5578.2	4022.7	3062.2	2394.0	1840.6	1401.5	1118.5	887.6	712.1	600.1	543.6
-27.5°	3719.3	2923.6	2390.3	1882.5	1470.6	1193.0	961.3	769.4	641.3	572.1	531.0
-30°	2675.2	2226.6	1828.6	1470.5	1216.6	995.8	815.4	686.9	597.1	545.2	517.0
-32.5°	1949.2	1676.2	1386.9	1189.2	994.7	830.4	709.4	615.6	560.1	528.8	508.0
-35°	1450.0	1273.3	1105.7	956.9	813.1	708.3	619.0	570.3	537.3	513.7	500.5
-37.5°	1117.4	996.6	887.2	773.3	687.2	613.4	569.3	539.0	516.8	505.1	501.6
-40°	876.3	788.7	721.9	646.8	599.0	559.5	535.9	515.8	505.7	502.7	507.3
-42.5°	702.2	649.3	608.1	576.0	546.2	528.7	512.6	503.1	500.8	507.7	515.8
-45°	591.5	569.6	546.3	532.8	517.5	507.8	498.5	499.9	506.4	515.5	524.8
-47.5°	534.4	525.0	514.4	508.6	502.3	497.4	501.2	506.4	515.7	523.3	516.3
-50°	503.5	501.4	498.8	498.2	501.9	505.2	511.1	517.9	520.9	515.2	500.6
-52.5°	490.8	495.9	501.1	506.1	512.8	518.8	523.8	518.3	513.5	493.5	467.5
-55°	501.6	507.6	514.3	521.6	526.0	520.3	515.1	503.2	481.3	458.0	426.8
-57.5°	520.2	521.7	519.3	516.7	513.7	500.6	482.5	463.4	439.2	411.5	382.5
-60°	512.2	508.0	497.3	485.2	472.0	456.8	435.7	413.4	390.0	365.6	340.3
-62.5°	470.9	458.9	447.8	433.8	418.3	401.0	382.1	362.5	341.8	320.3	299.7
-65°	412.6	400.0	388.0	375.5	361.6	346.3	329.6	313.3	296.8	279.1	260.5
-67.5°	351.1	341.0	330.4	319.1	307.8	296.2	283.2	269.0	254.1	238.5	222.7
-70°	292.4	284.1	275.5	267.0	258.4	249.2	237.9	225.3	212.1	199.7	188.0
-72.5°	238.7	231.9	225.0	218.3	210.7	202.8	194.0	184.6	175.2	165.8	155.7
-75°	188.6	183.1	177.5	172.1	166.1	159.6	153.1	146.4	139.3	131.8	123.4
-77.5°	140.6	137.0	133.2	129.2	124.9	120.1	115.0	109.9	104.9	99.4	93.3
-80°	98.6	96.7	94.5	92.0	89.1	85.8	82.2	78.2	73.9	69.5	65.4
-82.5°	65.7	64.1	62.4	60.3	58.0	55.5	52.7	50.0	47.2	44.2	41.1
-85°	36.1	35.3	34.3	32.9	31.6	30.2	29.0	27.8	26.6	25.3	24.0
-87.5°	11.6	11.4	11.2	11.5	11.7	12.0	12.1	11.7	11.3	10.9	10.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA5E-927-U-MR-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°	10.0	9.5	9.0	8.5	8.0	7.4	6.8	6.3	5.7	5.1	4.4
85°	22.8	21.5	20.0	18.4	16.6	14.8	13.7	12.5	11.3	10.1	8.9
82.5°	38.5	36.5	34.6	32.4	29.8	27.0	24.2	21.3	18.5	15.4	13.3
80°	61.2	57.0	52.8	48.6	43.8	39.2	35.5	31.7	28.1	24.2	20.0
77.5°	86.4	79.6	72.6	66.6	60.4	54.3	48.3	42.5	37.6	32.9	27.9
75°	113.8	105.1	96.4	87.5	78.3	69.2	61.8	54.6	48.1	41.7	35.7
72.5°	144.7	133.2	121.5	109.2	98.3	87.4	76.5	66.7	58.7	51.0	43.5
70°	175.6	162.4	148.9	134.7	119.9	105.4	92.9	81.0	69.3	60.2	51.5
67.5°	206.7	192.2	176.9	160.2	143.6	126.8	109.7	95.7	82.6	69.3	59.2
65°	242.2	223.7	205.1	186.9	167.9	148.5	129.6	111.4	95.7	81.0	66.8
62.5°	278.2	256.5	235.5	213.9	192.8	171.2	149.3	129.5	109.3	92.5	76.1
60°	315.1	291.0	265.7	241.6	217.8	194.2	170.2	147.2	125.3	103.7	86.0
57.5°	354.3	325.7	297.9	269.7	242.7	216.9	190.9	165.3	140.9	117.0	95.6
55°	393.8	361.9	330.0	299.1	268.2	239.1	211.1	183.2	156.3	130.6	105.1
52.5°	435.8	398.6	362.8	328.4	294.8	261.5	231.4	200.4	171.6	143.8	116.4
50°	471.9	436.3	395.9	357.8	321.0	285.8	251.3	218.5	186.3	156.6	127.5
47.5°	501.7	468.1	429.5	386.9	347.2	309.3	272.3	236.4	200.3	168.9	138.0
45°	514.4	495.6	459.0	416.4	372.9	332.8	293.1	253.8	215.9	180.7	148.1
42.5°	521.7	509.8	484.0	444.4	399.5	355.7	313.1	271.8	231.2	192.2	157.9
40°	514.7	516.7	503.5	467.9	425.6	377.7	333.0	289.1	246.0	203.9	167.5
37.5°	506.3	515.1	509.8	490.6	449.7	400.7	352.2	305.7	260.2	216.3	176.7
35°	501.2	507.5	516.6	503.8	469.5	422.9	370.3	321.7	274.1	228.0	185.4
32.5°	496.7	501.5	511.6	509.5	488.1	443.9	388.6	336.9	287.1	238.9	193.7
30°	500.7	497.9	505.8	514.8	501.7	460.2	406.5	351.2	299.3	249.1	201.7
27.5°	506.5	494.2	500.7	512.4	506.1	474.9	422.8	364.5	310.7	258.7	209.9
25°	513.3	496.6	497.4	507.6	510.0	488.2	437.7	376.7	321.4	267.9	217.5
22.5°	523.9	500.6	494.0	503.3	513.7	500.4	449.9	389.0	331.3	276.3	224.3
20°	533.3	503.9	490.7	499.1	513.0	503.4	459.9	399.9	340.3	283.8	230.4
17.5°	543.2	509.1	492.7	496.3	509.5	506.1	468.9	409.5	348.2	290.5	235.8
15°	559.2	516.0	495.1	493.9	506.2	508.5	476.9	417.7	355.0	296.3	240.5
12.5°	572.8	521.8	496.9	491.9	503.1	510.5	483.8	424.6	360.8	301.1	244.5
10°	583.9	526.4	498.1	490.3	500.2	512.1	489.6	430.8	366.0	304.9	247.9
7.5°	592.3	529.8	498.8	489.0	497.8	513.5	494.9	437.1	370.4	307.7	250.5
5°	598.5	533.5	500.5	488.4	496.4	514.4	498.9	442.2	373.7	309.6	252.3
2.5°	603.8	538.4	503.1	488.0	495.6	514.9	501.4	446.1	376.0	310.5	253.4
0°	606.2	542.2	505.2	487.9	495.3	515.1	502.7	448.5	377.1	310.5	253.8
-2.5°	603.8	538.4	503.1	488.0	495.6	514.9	501.4	446.1	376.0	310.5	253.4
-5°	598.5	533.5	500.5	488.4	496.4	514.4	498.9	442.2	373.7	309.6	252.3
-7.5°	592.3	529.8	498.8	489.0	497.8	513.5	494.9	437.1	370.4	307.7	250.5
-10°	583.9	526.4	498.1	490.3	500.2	512.1	489.6	430.8	366.0	304.9	247.9
-12.5°	572.8	521.8	496.9	491.9	503.1	510.5	483.8	424.6	360.8	301.1	244.5
-15°	559.2	516.0	495.1	493.9	506.2	508.5	476.9	417.7	355.0	296.3	240.5
-17.5°	543.2	509.1	492.7	496.3	509.5	506.1	468.9	409.5	348.2	290.5	235.8
-20°	533.3	503.9	490.7	499.1	513.0	503.4	459.9	399.9	340.3	283.8	230.4



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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°	523.9	500.6	494.0	503.3	513.7	500.4	449.9	389.0	331.3	276.3	224.3
-25°	513.3	496.6	497.4	507.6	510.0	488.2	437.7	376.7	321.4	267.9	217.5
-27.5°	506.5	494.2	500.7	512.4	506.1	474.9	422.8	364.5	310.7	258.7	209.9
-30°	500.7	497.9	505.8	514.8	501.7	460.2	406.5	351.2	299.3	249.1	201.7
-32.5°	496.7	501.5	511.6	509.5	488.1	443.9	388.6	336.9	287.1	238.9	193.7
-35°	501.2	507.5	516.6	503.8	469.5	422.9	370.3	321.7	274.1	228.0	185.4
-37.5°	506.3	515.1	509.8	490.6	449.7	400.7	352.2	305.7	260.2	216.3	176.7
-40°	514.7	516.7	503.5	467.9	425.6	377.7	333.0	289.1	246.0	203.9	167.5
-42.5°	521.7	509.8	484.0	444.4	399.5	355.7	313.1	271.8	231.2	192.2	157.9
-45°	514.4	495.6	459.0	416.4	372.9	332.8	293.1	253.8	215.9	180.7	148.1
-47.5°	501.7	468.1	429.5	386.9	347.2	309.3	272.3	236.4	200.3	168.9	138.0
-50°	471.9	436.3	395.9	357.8	321.0	285.8	251.3	218.5	186.3	156.6	127.5
-52.5°	435.8	398.6	362.8	328.4	294.8	261.5	231.4	200.4	171.6	143.8	116.4
-55°	393.8	361.9	330.0	299.1	268.2	239.1	211.1	183.2	156.3	130.6	105.1
-57.5°	354.3	325.7	297.9	269.7	242.7	216.9	190.9	165.3	140.9	117.0	95.6
-60°	315.1	291.0	265.7	241.6	217.8	194.2	170.2	147.2	125.3	103.7	86.0
-62.5°	278.2	256.5	235.5	213.9	192.8	171.2	149.3	129.5	109.3	92.5	76.1
-65°	242.2	223.7	205.1	186.9	167.9	148.5	129.6	111.4	95.7	81.0	66.8
-67.5°	206.7	192.2	176.9	160.2	143.6	126.8	109.7	95.7	82.6	69.3	59.2
-70°	175.6	162.4	148.9	134.7	119.9	105.4	92.9	81.0	69.3	60.2	51.5
-72.5°	144.7	133.2	121.5	109.2	98.3	87.4	76.5	66.7	58.7	51.0	43.5
-75°	113.8	105.1	96.4	87.5	78.3	69.2	61.8	54.6	48.1	41.7	35.7
-77.5°	86.4	79.6	72.6	66.6	60.4	54.3	48.3	42.5	37.6	32.9	27.9
-80°	61.2	57.0	52.8	48.6	43.8	39.2	35.5	31.7	28.1	24.2	20.0
-82.5°	38.5	36.5	34.6	32.4	29.8	27.0	24.2	21.3	18.5	15.4	13.3
-85°	22.8	21.5	20.0	18.4	16.6	14.8	13.7	12.5	11.3	10.1	8.9
-87.5°	10.0	9.5	9.0	8.5	8.0	7.4	6.8	6.3	5.7	5.1	4.4
-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°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
85°	7.7	6.4	5.1	3.9	2.6	1.3	0.0
82.5°	11.5	9.6	7.7	5.8	3.9	1.9	0.0
80°	15.6	12.8	10.2	7.7	5.1	2.6	0.0
77.5°	22.5	16.8	12.8	9.6	6.4	3.2	0.0
75°	29.3	22.3	15.6	11.5	7.7	3.8	0.0
72.5°	36.0	27.8	19.9	13.3	8.9	4.4	0.0
70°	42.5	33.2	24.1	15.4	10.1	5.1	0.0
67.5°	49.2	38.4	28.2	18.4	11.3	5.7	0.0
65°	55.8	43.9	32.3	21.4	12.5	6.3	0.0
62.5°	62.3	49.5	36.3	24.4	13.7	6.8	0.0
60°	68.8	55.0	40.1	27.2	14.8	7.4	0.0
57.5°	76.9	60.5	44.6	30.0	16.6	8.0	0.0
55°	85.0	65.8	48.9	32.7	18.5	8.5	0.0
52.5°	92.9	71.3	53.2	35.2	20.2	9.0	0.0
50°	100.6	77.7	57.4	37.7	22.0	9.5	0.0
47.5°	108.2	83.8	61.5	40.3	23.6	10.0	0.0
45°	116.8	89.8	65.4	43.3	25.3	10.5	0.0
42.5°	124.9	95.5	69.2	46.1	26.8	10.9	0.0
40°	132.7	100.9	73.3	48.9	28.3	11.3	0.0
37.5°	139.9	106.1	77.4	51.6	29.8	11.7	0.0
35°	146.7	111.5	81.3	54.0	31.2	12.1	0.0
32.5°	153.2	116.8	85.0	56.3	32.5	12.5	0.0
30°	159.8	121.8	88.5	58.4	33.7	12.8	0.0
27.5°	165.9	126.3	91.4	60.3	34.9	13.1	0.0
25°	171.5	130.4	94.1	62.0	36.0	13.4	0.0
22.5°	176.7	134.1	96.5	63.6	37.0	13.7	0.0
20°	181.4	137.2	98.7	64.9	37.9	13.9	0.0
17.5°	185.6	139.9	100.6	66.0	38.7	14.1	0.0
15°	189.2	142.2	102.2	67.0	39.4	14.3	0.0
12.5°	192.3	144.2	103.5	67.8	40.1	14.4	0.0
10°	194.9	145.7	104.6	68.4	40.7	14.6	0.0
7.5°	196.9	146.9	105.4	68.8	41.1	14.7	0.0
5°	198.4	147.6	105.9	69.0	41.5	14.7	0.0
2.5°	199.3	148.0	106.1	69.1	41.7	14.8	0.0
0°	199.6	147.9	106.0	69.0	41.9	14.8	0.0
-2.5°	199.3	148.0	106.1	69.1	41.7	14.8	0.0
-5°	198.4	147.6	105.9	69.0	41.5	14.7	0.0
-7.5°	196.9	146.9	105.4	68.8	41.1	14.7	0.0
-10°	194.9	145.7	104.6	68.4	40.7	14.6	0.0
-12.5°	192.3	144.2	103.5	67.8	40.1	14.4	0.0
-15°	189.2	142.2	102.2	67.0	39.4	14.3	0.0
-17.5°	185.6	139.9	100.6	66.0	38.7	14.1	0.0
-20°	181.4	137.2	98.7	64.9	37.9	13.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	176.7	134.1	96.5	63.6	37.0	13.7	0.0
-25°	171.5	130.4	94.1	62.0	36.0	13.4	0.0
-27.5°	165.9	126.3	91.4	60.3	34.9	13.1	0.0
-30°	159.8	121.8	88.5	58.4	33.7	12.8	0.0
-32.5°	153.2	116.8	85.0	56.3	32.5	12.5	0.0
-35°	146.7	111.5	81.3	54.0	31.2	12.1	0.0
-37.5°	139.9	106.1	77.4	51.6	29.8	11.7	0.0
-40°	132.7	100.9	73.3	48.9	28.3	11.3	0.0
-42.5°	124.9	95.5	69.2	46.1	26.8	10.9	0.0
-45°	116.8	89.8	65.4	43.3	25.3	10.5	0.0
-47.5°	108.2	83.8	61.5	40.3	23.6	10.0	0.0
-50°	100.6	77.7	57.4	37.7	22.0	9.5	0.0
-52.5°	92.9	71.3	53.2	35.2	20.2	9.0	0.0
-55°	85.0	65.8	48.9	32.7	18.5	8.5	0.0
-57.5°	76.9	60.5	44.6	30.0	16.6	8.0	0.0
-60°	68.8	55.0	40.1	27.2	14.8	7.4	0.0
-62.5°	62.3	49.5	36.3	24.4	13.7	6.8	0.0
-65°	55.8	43.9	32.3	21.4	12.5	6.3	0.0
-67.5°	49.2	38.4	28.2	18.4	11.3	5.7	0.0
-70°	42.5	33.2	24.1	15.4	10.1	5.1	0.0
-72.5°	36.0	27.8	19.9	13.3	8.9	4.4	0.0
-75°	29.3	22.3	15.6	11.5	7.7	3.8	0.0
-77.5°	22.5	16.8	12.8	9.6	6.4	3.2	0.0
-80°	15.6	12.8	10.2	7.7	5.1	2.6	0.0
-82.5°	11.5	9.6	7.7	5.8	3.9	1.9	0.0
-85°	7.7	6.4	5.1	3.9	2.6	1.3	0.0
-87.5°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)