

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: P559107 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559107 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
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-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

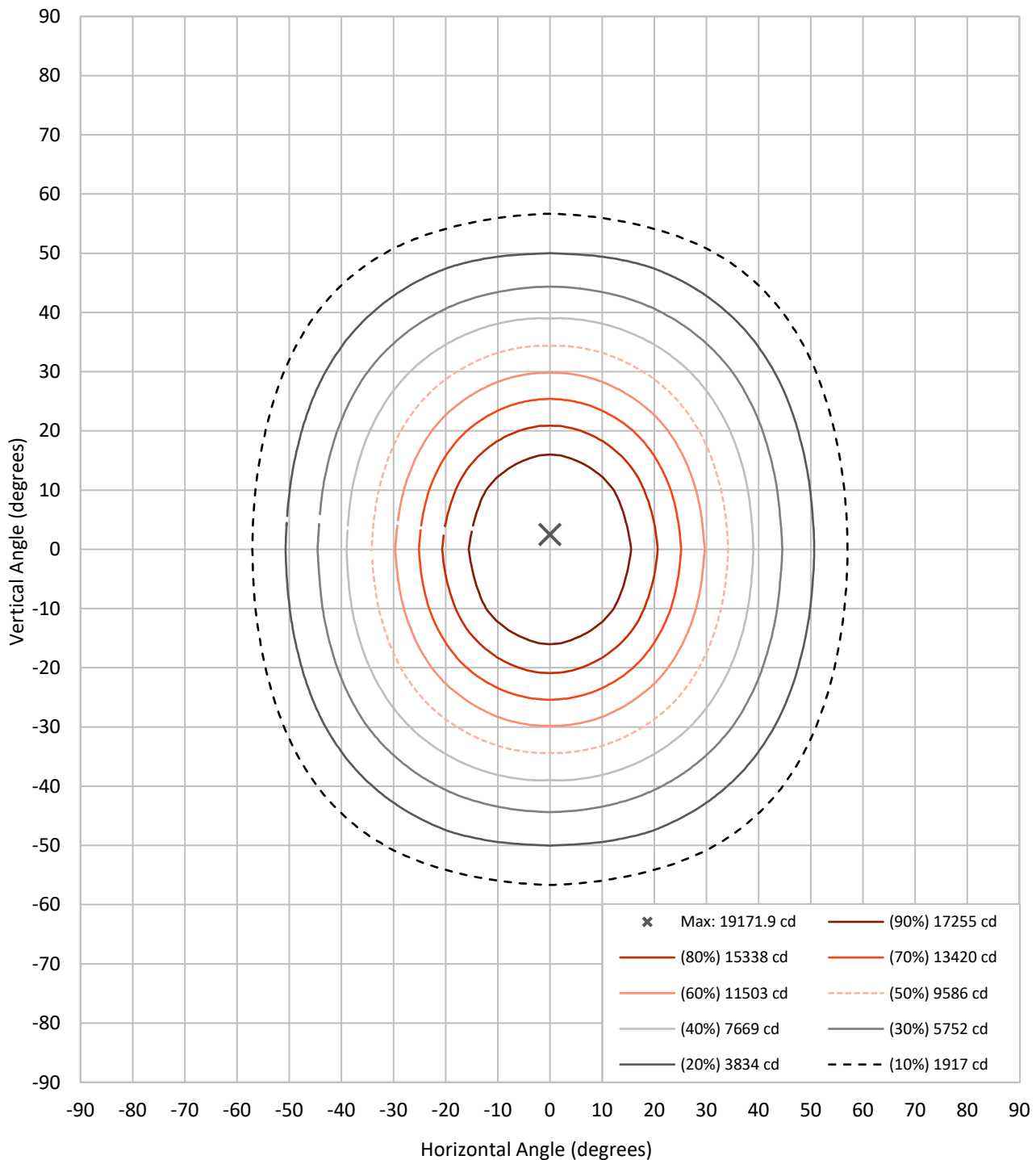
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	25947.4 lumens	Max Intensity:	19171.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	84.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	15557.4 lumens	Field Lumens:	24786.7 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

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





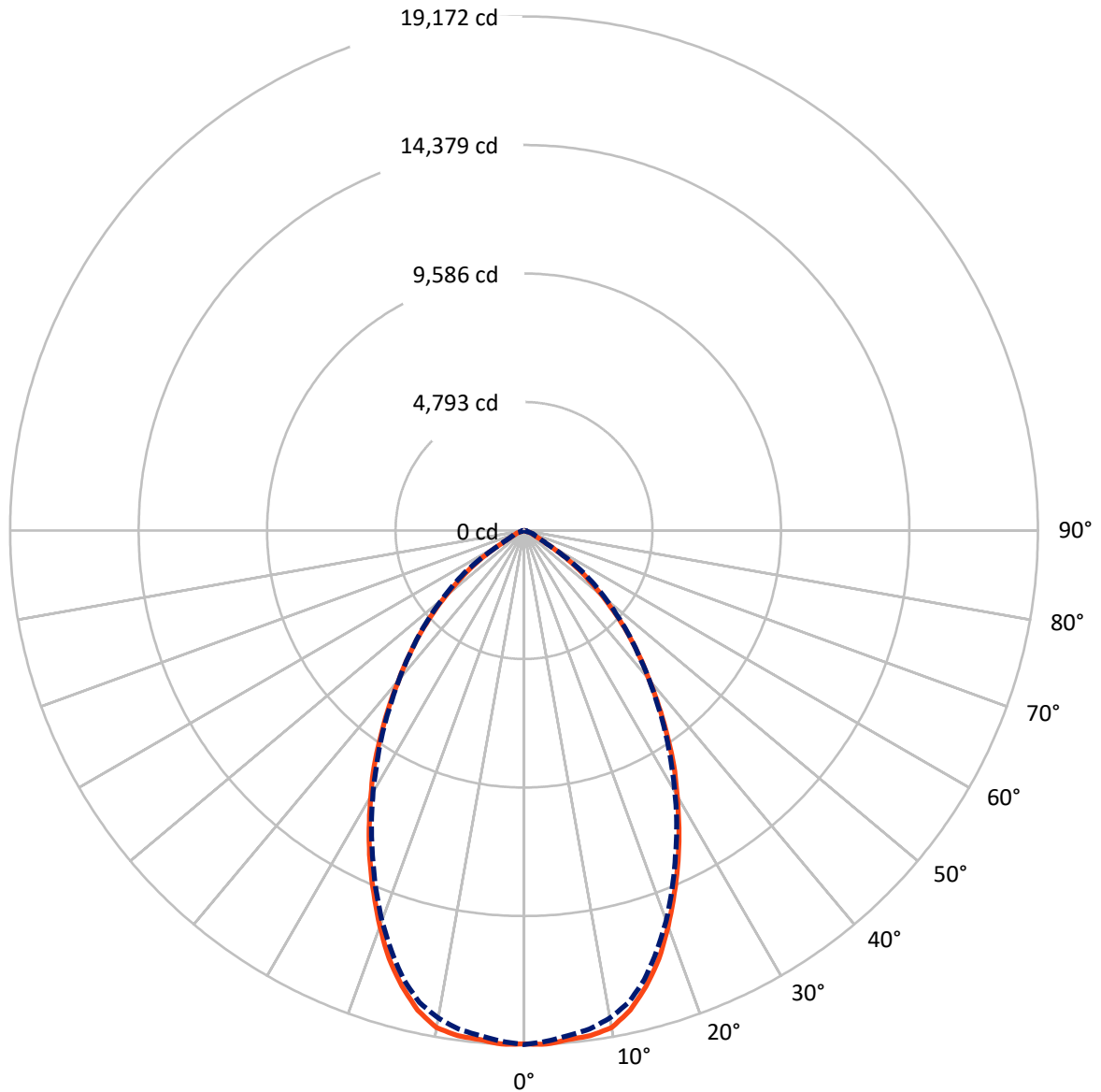
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Lumen Table

90															90					
80	0.2	2.5		6.2		10.8		7.6		10.8		6.2		2.5		0.2				
70																				
60	1.2	1.8	3.5	5.5	8.0	10.5	12.9	14.5	14.5	12.9	10.5	8.0	5.5	3.5	1.8	1.2				
50		2.8	5.8	10.4	20.1	39.0	58.5	70.0	70.0	58.5	39.0	20.1	10.4	5.8	2.8					
40	2.0	3.8	8.5	24.8	65.4	108.8	144.7	164.9	164.9	144.7	108.8	65.4	24.8	8.5	3.8	2.0				
30		4.6	14.6	57.3	117.4	183.4	242.9	278.6	278.6	242.9	183.4	117.4	57.3	14.6	4.6					
20	2.2	5.5	26.6	86.6	166.6	260.7	348.5	403.7	403.7	348.5	260.7	166.6	86.6	26.6	5.5	2.2				
10		6.6	37.9	107.8	205.3	325.8	443.7	518.3	518.3	443.7	325.8	205.3	107.8	37.9	6.6					
0	2.3	7.1	44.2	119.2	227.1	364.0	498.4	569.7	569.7	498.4	364.0	227.1	119.2	44.2	7.1	2.3				
-10		7.1	44.2	119.2	227.1	364.0	498.4	569.7	569.7	498.4	364.0	227.1	119.2	44.2	7.1					
-20	2.2	6.6	37.9	107.8	205.3	325.8	443.7	518.3	518.3	443.7	325.8	205.3	107.8	37.9	6.6	2.2				
-30		5.5	26.6	86.6	166.6	260.7	348.5	403.7	403.7	348.5	260.7	166.6	86.6	26.6	5.5					
-40	2.0	4.6	14.6	57.3	117.4	183.4	242.9	278.6	278.6	242.9	183.4	117.4	57.3	14.6	4.6	2.0				
-50		3.8	8.5	24.8	65.4	108.8	144.7	164.9	164.9	144.7	108.8	65.4	24.8	8.5	3.8					
-60	1.2	2.8	5.8	10.4	20.1	39.0	58.5	70.0	70.0	58.5	39.0	20.1	10.4	5.8	2.8	1.2				
-70		1.8	3.5	5.5	8.0	10.5	12.9	14.5	14.5	12.9	10.5	8.0	5.5	3.5	1.8					
-80																				
-90	0.2	2.5		6.2		10.8		7.6		10.8		6.2		2.5		0.2				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
	Horizontal Angle (degrees)																			

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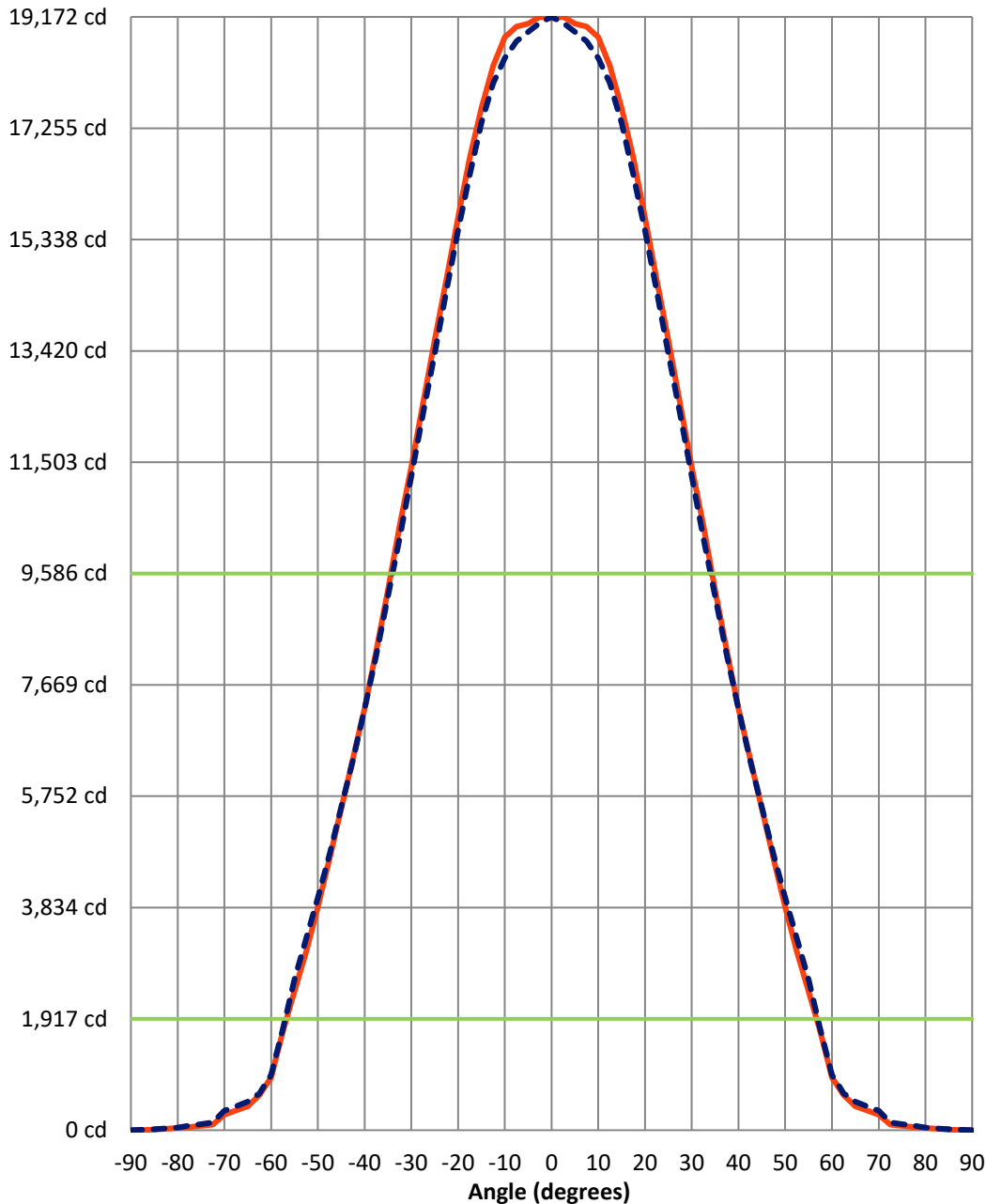
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 15557.4
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 24786.7
Efficiency: 95.5%

Spill:
Lumens: 1160.7
Efficiency: 4.5%

— Vertical Distribution through 0-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	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
85°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.2
82.5°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.7	7.9	10.9	13.9
80°	0.0	1.3	2.6	3.8	5.1	6.4	8.1	11.9	15.8	19.9	24.2
77.5°	0.0	1.6	3.2	4.8	6.4	8.8	13.6	18.6	23.7	28.9	36.0
75°	0.0	1.9	3.8	5.7	7.9	12.7	19.0	25.2	32.0	42.7	53.3
72.5°	0.0	2.2	4.4	6.7	10.5	16.5	24.2	33.2	45.7	58.1	70.3
70°	0.0	2.5	5.1	7.7	12.9	20.1	29.8	45.1	59.3	73.5	93.6
67.5°	0.0	2.8	5.7	9.2	15.3	23.6	38.8	56.8	72.8	94.0	117.7
65°	0.0	3.1	6.2	10.6	17.6	28.2	47.3	68.4	89.3	113.6	140.6
62.5°	0.0	3.4	6.8	12.0	19.7	33.8	55.2	80.9	105.1	132.9	162.4
60°	0.0	3.7	7.4	13.2	21.7	38.9	62.5	93.3	120.1	153.7	184.3
57.5°	0.0	4.0	8.1	14.4	24.7	43.5	69.7	104.4	138.4	174.5	202.7
55°	0.0	4.2	8.8	15.5	27.5	47.7	76.2	113.1	157.6	194.1	219.3
52.5°	0.0	4.5	9.5	16.5	29.9	51.3	81.8	125.9	176.6	209.4	235.9
50°	0.0	4.8	10.2	17.4	32.0	54.7	86.4	137.9	194.0	224.6	253.3
47.5°	0.0	5.0	10.9	18.3	33.8	57.4	90.7	148.4	207.6	239.7	269.9
45°	0.0	5.2	11.5	19.3	35.1	59.4	98.0	157.2	213.4	253.4	285.3
42.5°	0.0	5.5	12.1	20.0	36.1	60.8	104.2	162.1	217.2	266.1	302.3
40°	0.0	5.7	12.7	20.9	36.7	61.5	109.1	164.0	219.6	276.8	319.1
37.5°	0.0	5.9	13.2	21.9	37.0	61.5	112.7	164.5	221.9	281.5	335.4
35°	0.0	6.1	13.7	22.9	36.9	62.9	115.2	163.6	224.2	291.8	351.5
32.5°	0.0	6.2	14.2	23.8	36.4	64.5	115.7	161.4	226.5	304.9	367.7
30°	0.0	6.4	14.6	24.6	35.5	65.4	113.5	159.0	228.6	320.5	382.9
27.5°	0.0	6.6	15.1	25.4	36.4	65.4	110.4	159.5	234.3	338.4	397.3
25°	0.0	6.7	15.4	26.1	37.5	64.7	106.4	159.6	246.4	352.7	410.8
22.5°	0.0	6.8	15.8	26.8	38.5	64.6	101.5	159.2	259.2	363.5	428.2
20°	0.0	7.0	16.1	27.4	39.5	67.7	95.9	158.3	272.4	373.3	443.6
17.5°	0.0	7.1	16.4	27.9	40.4	70.3	94.9	156.9	285.7	382.2	457.0
15°	0.0	7.1	16.6	28.3	41.2	72.6	96.8	156.1	298.6	389.9	468.5
12.5°	0.0	7.2	16.8	28.7	42.0	74.6	98.5	155.0	310.1	396.6	478.1
10°	0.0	7.3	17.0	29.0	42.7	76.2	100.0	151.9	319.6	401.8	485.3
7.5°	0.0	7.3	17.1	29.3	43.3	77.4	101.3	147.1	327.2	405.9	489.5
5°	0.0	7.4	17.2	29.5	43.7	78.2	102.3	140.9	332.6	409.0	491.6
2.5°	0.0	7.4	17.3	29.6	44.1	78.7	103.0	133.6	335.4	410.9	491.9
0°	0.0	7.4	17.3	29.6	44.4	78.9	103.5	125.7	335.2	411.6	490.4
-2.5°	0.0	7.4	17.3	29.6	44.1	78.7	103.0	133.6	335.4	410.9	491.9
-5°	0.0	7.4	17.2	29.5	43.7	78.2	102.3	140.9	332.6	409.0	491.6
-7.5°	0.0	7.3	17.1	29.3	43.3	77.4	101.3	147.1	327.2	405.9	489.5
-10°	0.0	7.3	17.0	29.0	42.7	76.2	100.0	151.9	319.6	401.8	485.3
-12.5°	0.0	7.2	16.8	28.7	42.0	74.6	98.5	155.0	310.1	396.6	478.1
-15°	0.0	7.1	16.6	28.3	41.2	72.6	96.8	156.1	298.6	389.9	468.5
-17.5°	0.0	7.1	16.4	27.9	40.4	70.3	94.9	156.9	285.7	382.2	457.0
-20°	0.0	7.0	16.1	27.4	39.5	67.7	95.9	158.3	272.4	373.3	443.6



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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	6.8	15.8	26.8	38.5	64.6	101.5	159.2	259.2	363.5	428.2
-25°	0.0	6.7	15.4	26.1	37.5	64.7	106.4	159.6	246.4	352.7	410.8
-27.5°	0.0	6.6	15.1	25.4	36.4	65.4	110.4	159.5	234.3	338.4	397.3
-30°	0.0	6.4	14.6	24.6	35.5	65.4	113.5	159.0	228.6	320.5	382.9
-32.5°	0.0	6.2	14.2	23.8	36.4	64.5	115.7	161.4	226.5	304.9	367.7
-35°	0.0	6.1	13.7	22.9	36.9	62.9	115.2	163.6	224.2	291.8	351.5
-37.5°	0.0	5.9	13.2	21.9	37.0	61.5	112.7	164.5	221.9	281.5	335.4
-40°	0.0	5.7	12.7	20.9	36.7	61.5	109.1	164.0	219.6	276.8	319.1
-42.5°	0.0	5.5	12.1	20.0	36.1	60.8	104.2	162.1	217.2	266.1	302.3
-45°	0.0	5.2	11.5	19.3	35.1	59.4	98.0	157.2	213.4	253.4	285.3
-47.5°	0.0	5.0	10.9	18.3	33.8	57.4	90.7	148.4	207.6	239.7	269.9
-50°	0.0	4.8	10.2	17.4	32.0	54.7	86.4	137.9	194.0	224.6	253.3
-52.5°	0.0	4.5	9.5	16.5	29.9	51.3	81.8	125.9	176.6	209.4	235.9
-55°	0.0	4.2	8.8	15.5	27.5	47.7	76.2	113.1	157.6	194.1	219.3
-57.5°	0.0	4.0	8.1	14.4	24.7	43.5	69.7	104.4	138.4	174.5	202.7
-60°	0.0	3.7	7.4	13.2	21.7	38.9	62.5	93.3	120.1	153.7	184.3
-62.5°	0.0	3.4	6.8	12.0	19.7	33.8	55.2	80.9	105.1	132.9	162.4
-65°	0.0	3.1	6.2	10.6	17.6	28.2	47.3	68.4	89.3	113.6	140.6
-67.5°	0.0	2.8	5.7	9.2	15.3	23.6	38.8	56.8	72.8	94.0	117.7
-70°	0.0	2.5	5.1	7.7	12.9	20.1	29.8	45.1	59.3	73.5	93.6
-72.5°	0.0	2.2	4.4	6.7	10.5	16.5	24.2	33.2	45.7	58.1	70.3
-75°	0.0	1.9	3.8	5.7	7.9	12.7	19.0	25.2	32.0	42.7	53.3
-77.5°	0.0	1.6	3.2	4.8	6.4	8.8	13.6	18.6	23.7	28.9	36.0
-80°	0.0	1.3	2.6	3.8	5.1	6.4	8.1	11.9	15.8	19.9	24.2
-82.5°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.7	7.9	10.9	13.9
-85°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.2
-87.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-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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 CATALOG NUMBER: GFLD-SA5E-927-U-WR-XX

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°	3.1	3.1	3.0	2.8	3.0	3.1	3.3	3.5	3.2	2.8	2.5
85°	6.3	6.2	7.0	7.5	8.3	8.8	9.0	9.0	10.1	11.5	13.2
82.5°	15.6	16.7	17.3	17.5	17.8	17.6	17.5	17.4	21.4	26.6	32.3
80°	26.2	27.3	31.5	36.0	38.3	38.2	36.2	32.3	38.2	47.8	59.3
77.5°	42.7	49.1	55.6	62.5	63.7	60.5	55.2	47.9	56.4	73.5	92.7
75°	62.2	70.7	80.4	87.7	87.8	82.5	75.6	74.1	88.5	109.1	126.0
72.5°	85.0	97.5	106.9	113.1	112.6	111.7	114.4	120.5	132.2	147.3	160.4
70°	112.6	125.1	132.0	135.2	136.4	143.3	153.5	161.2	169.6	184.3	198.1
67.5°	139.9	149.5	155.5	159.8	171.3	184.4	194.6	204.0	214.3	229.5	242.1
65°	164.2	174.0	182.7	195.4	212.3	224.6	236.8	249.4	267.4	284.4	294.6
62.5°	188.0	198.5	211.6	229.0	247.2	263.0	282.8	305.2	328.6	346.0	365.9
60°	206.5	221.4	239.9	260.6	282.3	308.1	333.5	359.8	383.7	407.0	436.4
57.5°	224.1	245.5	268.6	293.0	321.6	353.8	384.9	413.2	443.3	475.8	508.9
55°	243.3	271.3	297.1	326.0	361.1	401.9	436.5	470.0	506.1	560.7	608.5
52.5°	264.4	295.4	324.5	359.9	403.4	447.1	486.4	533.3	593.6	674.8	806.5
50°	284.3	317.6	351.6	397.3	444.4	490.4	547.3	612.6	733.4	884.8	1150.0
47.5°	304.0	339.3	384.3	433.8	485.1	545.8	617.8	760.7	925.4	1302.6	1678.5
45°	323.7	365.6	415.3	471.4	532.6	608.8	758.3	934.6	1382.6	1816.6	2268.5
42.5°	342.8	391.9	448.7	508.6	588.4	726.3	918.9	1384.5	1869.6	2367.9	2801.8
40°	364.6	416.5	482.3	558.1	663.7	873.0	1305.4	1829.6	2376.4	2847.2	3269.3
37.5°	385.1	446.4	517.9	606.3	796.0	1145.3	1702.5	2283.9	2813.3	3273.3	3724.3
35°	403.8	475.5	560.7	693.1	925.6	1501.4	2105.3	2696.6	3202.6	3693.8	4187.1
32.5°	425.9	503.6	601.8	808.2	1223.0	1845.1	2487.8	3051.1	3581.1	4104.9	4668.3
30°	450.2	538.4	659.0	918.0	1517.6	2179.1	2815.8	3391.3	3940.8	4522.5	5125.9
27.5°	473.2	572.0	753.8	1130.8	1794.6	2490.9	3114.2	3706.4	4296.3	4915.7	5565.3
25°	494.1	603.9	842.7	1364.2	2061.9	2757.0	3388.7	3991.4	4628.3	5301.6	5985.1
22.5°	516.6	635.0	922.9	1576.8	2306.5	2993.8	3631.2	4270.2	4944.3	5657.9	6370.9
20°	540.8	701.4	1054.8	1773.1	2528.7	3209.0	3848.8	4529.3	5240.1	5979.0	6732.2
17.5°	563.0	760.1	1212.4	1959.3	2715.6	3396.0	4044.7	4763.9	5497.2	6269.7	7063.1
15°	582.9	811.0	1351.3	2124.0	2874.2	3555.0	4235.7	4972.2	5725.8	6530.4	7354.4
12.5°	600.4	854.0	1470.7	2266.3	3007.9	3690.9	4396.2	5147.8	5929.4	6758.2	7616.9
10°	615.3	889.0	1569.9	2385.4	3116.8	3803.0	4525.1	5293.9	6091.6	6941.7	7828.6
7.5°	624.8	917.9	1648.4	2480.5	3200.8	3890.8	4622.3	5409.1	6210.1	7085.0	7988.7
5°	630.8	941.5	1705.2	2550.8	3261.9	3957.0	4692.3	5491.9	6286.3	7185.5	8096.4
2.5°	633.7	957.7	1739.8	2595.8	3300.2	4003.4	4750.3	5564.4	6366.3	7257.1	8179.8
0°	633.4	966.1	1752.3	2614.9	3314.8	4024.6	4778.8	5602.0	6417.7	7287.7	8236.6
-2.5°	633.7	957.7	1739.8	2595.8	3300.2	4003.4	4750.3	5564.4	6366.3	7257.1	8179.8
-5°	630.8	941.5	1705.2	2550.8	3261.9	3957.0	4692.3	5491.9	6286.3	7185.5	8096.4
-7.5°	624.8	917.9	1648.4	2480.5	3200.8	3890.8	4622.3	5409.1	6210.1	7085.0	7988.7
-10°	615.3	889.0	1569.9	2385.4	3116.8	3803.0	4525.1	5293.9	6091.6	6941.7	7828.6
-12.5°	600.4	854.0	1470.7	2266.3	3007.9	3690.9	4396.2	5147.8	5929.4	6758.2	7616.9
-15°	582.9	811.0	1351.3	2124.0	2874.2	3555.0	4235.7	4972.2	5725.8	6530.4	7354.4
-17.5°	563.0	760.1	1212.4	1959.3	2715.6	3396.0	4044.7	4763.9	5497.2	6269.7	7063.1
-20°	540.8	701.4	1054.8	1773.1	2528.7	3209.0	3848.8	4529.3	5240.1	5979.0	6732.2



REPORT NUMBER: P559107 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	516.6	635.0	922.9	1576.8	2306.5	2993.8	3631.2	4270.2	4944.3	5657.9	6370.9
-25°	494.1	603.9	842.7	1364.2	2061.9	2757.0	3388.7	3991.4	4628.3	5301.6	5985.1
-27.5°	473.2	572.0	753.8	1130.8	1794.6	2490.9	3114.2	3706.4	4296.3	4915.7	5565.3
-30°	450.2	538.4	659.0	918.0	1517.6	2179.1	2815.8	3391.3	3940.8	4522.5	5125.9
-32.5°	425.9	503.6	601.8	808.2	1223.0	1845.1	2487.8	3051.1	3581.1	4104.9	4668.3
-35°	403.8	475.5	560.7	693.1	925.6	1501.4	2105.3	2696.6	3202.6	3693.8	4187.1
-37.5°	385.1	446.4	517.9	606.3	796.0	1145.3	1702.5	2283.9	2813.3	3273.3	3724.3
-40°	364.6	416.5	482.3	558.1	663.7	873.0	1305.4	1829.6	2376.4	2847.2	3269.3
-42.5°	342.8	391.9	448.7	508.6	588.4	726.3	918.9	1384.5	1869.6	2367.9	2801.8
-45°	323.7	365.6	415.3	471.4	532.6	608.8	758.3	934.6	1382.6	1816.6	2268.5
-47.5°	304.0	339.3	384.3	433.8	485.1	545.8	617.8	760.7	925.4	1302.6	1678.5
-50°	284.3	317.6	351.6	397.3	444.4	490.4	547.3	612.6	733.4	884.8	1150.0
-52.5°	264.4	295.4	324.5	359.9	403.4	447.1	486.4	533.3	593.6	674.8	806.5
-55°	243.3	271.3	297.1	326.0	361.1	401.9	436.5	470.0	506.1	560.7	608.5
-57.5°	224.1	245.5	268.6	293.0	321.6	353.8	384.9	413.2	443.3	475.8	508.9
-60°	206.5	221.4	239.9	260.6	282.3	308.1	333.5	359.8	383.7	407.0	436.4
-62.5°	188.0	198.5	211.6	229.0	247.2	263.0	282.8	305.2	328.6	346.0	365.9
-65°	164.2	174.0	182.7	195.4	212.3	224.6	236.8	249.4	267.4	284.4	294.6
-67.5°	139.9	149.5	155.5	159.8	171.3	184.4	194.6	204.0	214.3	229.5	242.1
-70°	112.6	125.1	132.0	135.2	136.4	143.3	153.5	161.2	169.6	184.3	198.1
-72.5°	85.0	97.5	106.9	113.1	112.6	111.7	114.4	120.5	132.2	147.3	160.4
-75°	62.2	70.7	80.4	87.7	87.8	82.5	75.6	74.1	88.5	109.1	126.0
-77.5°	42.7	49.1	55.6	62.5	63.7	60.5	55.2	47.9	56.4	73.5	92.7
-80°	26.2	27.3	31.5	36.0	38.3	38.2	36.2	32.3	38.2	47.8	59.3
-82.5°	15.6	16.7	17.3	17.5	17.8	17.6	17.5	17.4	21.4	26.6	32.3
-85°	6.3	6.2	7.0	7.5	8.3	8.8	9.0	9.0	10.1	11.5	13.2
-87.5°	3.1	3.1	3.0	2.8	3.0	3.1	3.3	3.5	3.2	2.8	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559107 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
85°	15.0	14.8	14.3	13.5	12.5	12.9	13.3	13.7	14.0	13.1	12.1
82.5°	38.6	41.5	44.2	47.1	50.1	49.7	48.3	46.3	43.7	39.0	33.7
80°	72.4	79.2	83.7	87.4	90.2	87.5	83.2	78.4	72.9	64.8	55.9
77.5°	112.5	119.3	122.9	127.1	131.8	132.7	133.0	133.4	133.9	118.8	99.6
75°	139.6	148.6	156.1	162.7	168.4	171.3	173.2	175.0	176.8	156.7	130.5
72.5°	171.6	180.4	187.5	194.6	200.9	205.7	209.4	212.5	214.9	198.7	175.7
70°	209.1	217.8	226.0	233.3	240.5	247.0	252.9	258.3	263.3	264.2	265.4
67.5°	251.4	256.5	266.2	275.5	286.5	294.6	303.6	312.1	319.8	326.5	332.0
65°	303.7	322.3	341.1	350.4	351.1	362.9	381.3	391.5	394.5	396.8	402.6
62.5°	391.5	415.5	428.1	444.6	467.3	492.0	501.5	515.1	531.6	550.4	567.3
60°	461.2	481.7	512.2	543.2	570.8	595.9	656.6	710.5	756.8	796.6	834.9
57.5°	547.8	581.6	628.2	712.2	789.0	858.5	977.3	1122.3	1251.5	1364.6	1464.0
55°	685.8	784.1	872.5	1070.8	1282.7	1466.1	1637.8	1821.4	1970.9	2087.8	2195.9
52.5°	921.1	1191.2	1465.0	1722.5	1975.7	2206.2	2413.0	2575.8	2702.9	2798.2	2888.5
50°	1474.7	1800.2	2133.7	2440.8	2689.6	2916.8	3132.1	3293.5	3428.6	3545.0	3647.9
47.5°	2078.2	2459.2	2774.4	3057.7	3325.7	3577.8	3813.3	4009.8	4176.2	4329.7	4457.5
45°	2678.7	3019.5	3342.7	3646.5	3938.2	4220.8	4474.2	4697.6	4917.8	5099.8	5243.7
42.5°	3186.5	3547.3	3891.1	4238.8	4564.9	4882.0	5188.0	5459.9	5693.7	5892.5	6052.5
40°	3673.9	4062.9	4471.2	4857.3	5244.6	5606.3	5945.3	6255.6	6522.0	6757.4	6956.6
37.5°	4169.9	4624.1	5072.7	5512.7	5939.4	6332.8	6721.9	7079.9	7392.1	7667.5	7898.9
35°	4693.4	5194.0	5682.2	6177.9	6643.9	7099.1	7529.2	7923.3	8269.0	8593.6	8872.5
32.5°	5217.9	5760.3	6310.0	6846.4	7362.6	7872.5	8344.2	8788.4	9197.1	9556.3	9854.1
30°	5728.5	6325.8	6913.8	7498.3	8087.4	8642.9	9165.4	9653.3	10096.8	10488.0	10826.4
27.5°	6218.5	6860.5	7491.3	8159.7	8799.9	9404.2	9971.8	10496.4	10991.4	11436.3	11820.4
25°	6671.9	7353.9	8089.0	8790.1	9475.1	10145.3	10767.3	11337.1	11903.0	12392.6	12809.6
22.5°	7100.3	7861.3	8635.3	9370.6	10126.5	10863.4	11559.6	12220.0	12824.4	13337.4	13782.1
20°	7507.6	8326.6	9124.2	9938.2	10756.7	11551.8	12318.4	13024.2	13662.8	14221.8	14723.3
17.5°	7892.4	8739.8	9587.4	10456.6	11340.6	12176.4	12988.7	13756.5	14453.7	15073.9	15639.2
15°	8225.1	9100.9	10008.3	10932.3	11856.8	12745.6	13607.6	14444.1	15228.4	15903.5	16473.6
12.5°	8508.0	9420.2	10380.2	11349.6	12324.2	13255.8	14169.5	15064.5	15898.3	16624.0	17209.4
10°	8742.6	9698.4	10701.1	11710.8	12710.4	13678.4	14628.6	15554.7	16450.2	17202.5	17803.8
7.5°	8938.1	9930.5	10956.5	11996.6	13005.2	14010.4	15001.5	15937.0	16819.2	17612.5	18230.4
5°	9084.1	10093.1	11140.8	12206.8	13230.8	14272.0	15292.5	16249.9	17123.3	17842.2	18346.6
2.5°	9192.8	10194.4	11260.4	12333.6	13371.1	14449.8	15492.1	16450.5	17344.5	18024.9	18461.6
0°	9266.8	10250.1	11369.1	12421.4	13476.3	14582.9	15613.1	16581.6	17478.7	18144.2	18595.2
-2.5°	9192.8	10194.4	11260.4	12333.6	13371.1	14449.8	15492.1	16450.5	17344.5	18024.9	18461.6
-5°	9084.1	10093.1	11140.8	12206.8	13230.8	14272.0	15292.5	16249.9	17123.3	17842.2	18346.6
-7.5°	8938.1	9930.5	10956.5	11996.6	13005.2	14010.4	15001.5	15937.0	16819.2	17612.5	18230.4
-10°	8742.6	9698.4	10701.1	11710.8	12710.4	13678.4	14628.6	15554.7	16450.2	17202.5	17803.8
-12.5°	8508.0	9420.2	10380.2	11349.6	12324.2	13255.8	14169.5	15064.5	15898.3	16624.0	17209.4
-15°	8225.1	9100.9	10008.3	10932.3	11856.8	12745.6	13607.6	14444.1	15228.4	15903.5	16473.6
-17.5°	7892.4	8739.8	9587.4	10456.6	11340.6	12176.4	12988.7	13756.5	14453.7	15073.9	15639.2
-20°	7507.6	8326.6	9124.2	9938.2	10756.7	11551.8	12318.4	13024.2	13662.8	14221.8	14723.3



REPORT NUMBER: P559107 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7100.3	7861.3	8635.3	9370.6	10126.5	10863.4	11559.6	12220.0	12824.4	13337.4	13782.1
-25°	6671.9	7353.9	8089.0	8790.1	9475.1	10145.3	10767.3	11337.1	11903.0	12392.6	12809.6
-27.5°	6218.5	6860.5	7491.3	8159.7	8799.9	9404.2	9971.8	10496.4	10991.4	11436.3	11820.4
-30°	5728.5	6325.8	6913.8	7498.3	8087.4	8642.9	9165.4	9653.3	10096.8	10488.0	10826.4
-32.5°	5217.9	5760.3	6310.0	6846.4	7362.6	7872.5	8344.2	8788.4	9197.1	9556.3	9854.1
-35°	4693.4	5194.0	5682.2	6177.9	6643.9	7099.1	7529.2	7923.3	8269.0	8593.6	8872.5
-37.5°	4169.9	4624.1	5072.7	5512.7	5939.4	6332.8	6721.9	7079.9	7392.1	7667.5	7898.9
-40°	3673.9	4062.9	4471.2	4857.3	5244.6	5606.3	5945.3	6255.6	6522.0	6757.4	6956.6
-42.5°	3186.5	3547.3	3891.1	4238.8	4564.9	4882.0	5188.0	5459.9	5693.7	5892.5	6052.5
-45°	2678.7	3019.5	3342.7	3646.5	3938.2	4220.8	4474.2	4697.6	4917.8	5099.8	5243.7
-47.5°	2078.2	2459.2	2774.4	3057.7	3325.7	3577.8	3813.3	4009.8	4176.2	4329.7	4457.5
-50°	1474.7	1800.2	2133.7	2440.8	2689.6	2916.8	3132.1	3293.5	3428.6	3545.0	3647.9
-52.5°	921.1	1191.2	1465.0	1722.5	1975.7	2206.2	2413.0	2575.8	2702.9	2798.2	2888.5
-55°	685.8	784.1	872.5	1070.8	1282.7	1466.1	1637.8	1821.4	1970.9	2087.8	2195.9
-57.5°	547.8	581.6	628.2	712.2	789.0	858.5	977.3	1122.3	1251.5	1364.6	1464.0
-60°	461.2	481.7	512.2	543.2	570.8	595.9	656.6	710.5	756.8	796.6	834.9
-62.5°	391.5	415.5	428.1	444.6	467.3	492.0	501.5	515.1	531.6	550.4	567.3
-65°	303.7	322.3	341.1	350.4	351.1	362.9	381.3	391.5	394.5	396.8	402.6
-67.5°	251.4	256.5	266.2	275.5	286.5	294.6	303.6	312.1	319.8	326.5	332.0
-70°	209.1	217.8	226.0	233.3	240.5	247.0	252.9	258.3	263.3	264.2	265.4
-72.5°	171.6	180.4	187.5	194.6	200.9	205.7	209.4	212.5	214.9	198.7	175.7
-75°	139.6	148.6	156.1	162.7	168.4	171.3	173.2	175.0	176.8	156.7	130.5
-77.5°	112.5	119.3	122.9	127.1	131.8	132.7	133.0	133.4	133.9	118.8	99.6
-80°	72.4	79.2	83.7	87.4	90.2	87.5	83.2	78.4	72.9	64.8	55.9
-82.5°	38.6	41.5	44.2	47.1	50.1	49.7	48.3	46.3	43.7	39.0	33.7
-85°	15.0	14.8	14.3	13.5	12.5	12.9	13.3	13.7	14.0	13.1	12.1
-87.5°	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559107 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
85°	11.0	9.9	9.9	9.9	9.9	9.9	11.0	12.1	13.1	14.0	13.7
82.5°	28.1	22.2	23.4	24.6	23.4	22.2	28.1	33.7	39.0	43.7	46.3
80°	46.7	37.1	38.1	39.4	38.1	37.1	46.7	55.9	64.8	72.9	78.4
77.5°	79.0	57.4	55.4	54.2	55.4	57.4	79.0	99.6	118.8	133.9	133.4
75°	103.3	75.4	73.8	73.9	73.8	75.4	103.3	130.5	156.7	176.8	175.0
72.5°	152.6	129.0	112.7	96.1	112.7	129.0	152.6	175.7	198.7	214.9	212.5
70°	268.2	271.5	270.2	266.2	270.2	271.5	268.2	265.4	264.2	263.3	258.3
67.5°	336.5	340.1	340.8	340.1	340.8	340.1	336.5	332.0	326.5	319.8	312.1
65°	406.7	409.0	410.9	411.6	410.9	409.0	406.7	402.6	396.8	394.5	391.5
62.5°	580.0	588.5	597.5	603.8	597.5	588.5	580.0	567.3	550.4	531.6	515.1
60°	868.4	896.1	908.3	909.4	908.3	896.1	868.4	834.9	796.6	756.8	710.5
57.5°	1543.5	1602.9	1655.9	1695.6	1655.9	1602.9	1543.5	1464.0	1364.6	1251.5	1122.3
55°	2282.1	2345.3	2381.0	2390.6	2381.0	2345.3	2282.1	2195.9	2087.8	1970.9	1821.4
52.5°	2957.0	2999.2	3039.0	3073.3	3039.0	2999.2	2957.0	2888.5	2798.2	2702.9	2575.8
50°	3725.6	3772.5	3812.0	3842.3	3812.0	3772.5	3725.6	3647.9	3545.0	3428.6	3293.5
47.5°	4547.2	4604.5	4646.8	4675.3	4646.8	4604.5	4547.2	4457.5	4329.7	4176.2	4009.8
45°	5366.9	5465.2	5524.9	5535.4	5524.9	5465.2	5366.9	5243.7	5099.8	4917.8	4697.6
42.5°	6190.9	6285.1	6348.6	6395.6	6348.6	6285.1	6190.9	6052.5	5892.5	5693.7	5459.9
40°	7122.7	7241.0	7295.2	7260.6	7295.2	7241.0	7122.7	6956.6	6757.4	6522.0	6255.6
37.5°	8077.3	8198.9	8261.6	8258.8	8261.6	8198.9	8077.3	7898.9	7667.5	7392.1	7079.9
35°	9089.4	9240.2	9321.8	9301.3	9321.8	9240.2	9089.4	8872.5	8593.6	8269.0	7923.3
32.5°	10092.0	10274.3	10392.1	10410.3	10392.1	10274.3	10092.0	9854.1	9556.3	9197.1	8788.4
30°	11097.7	11294.8	11411.9	11423.3	11411.9	11294.8	11097.7	10826.4	10488.0	10096.8	9653.3
27.5°	12142.8	12363.2	12485.8	12515.1	12485.8	12363.2	12142.8	11820.4	11436.3	10991.4	10496.4
25°	13165.3	13409.9	13550.5	13604.4	13550.5	13409.9	13165.3	12809.6	12392.6	11903.0	11337.1
22.5°	14151.2	14419.5	14602.7	14649.4	14602.7	14419.5	14151.2	13782.1	13337.4	12824.4	12220.0
20°	15140.1	15456.7	15691.0	15714.1	15691.0	15456.7	15140.1	14723.3	14221.8	13662.8	13024.2
17.5°	16092.1	16434.7	16685.5	16746.8	16685.5	16434.7	16092.1	15639.2	15073.9	14453.7	13756.5
15°	16944.5	17304.0	17546.3	17599.5	17546.3	17304.0	16944.5	16473.6	15903.5	15228.4	14444.1
12.5°	17680.0	18011.5	18237.6	18324.1	18237.6	18011.5	17680.0	17209.4	16624.0	15898.3	15064.5
10°	18272.6	18528.6	18730.7	18821.9	18730.7	18528.6	18272.6	17803.8	17202.5	16450.2	15554.7
7.5°	18603.4	18814.0	18954.0	19004.3	18954.0	18814.0	18603.4	18230.4	17612.5	16819.2	15937.0
5°	18734.1	18936.0	19011.8	19056.1	19011.8	18936.0	18734.1	18346.6	17842.2	17123.3	16249.9
2.5°	18751.9	18913.6	19069.4	19171.9	19069.4	18913.6	18751.9	18461.6	18024.9	17344.5	16450.5
0°	18856.4	19014.2	19100.4	19149.7	19100.4	19014.2	18856.4	18595.2	18144.2	17478.7	16581.6
-2.5°	18751.9	18913.6	19069.4	19171.9	19069.4	18913.6	18751.9	18461.6	18024.9	17344.5	16450.5
-5°	18734.1	18936.0	19011.8	19056.1	19011.8	18936.0	18734.1	18346.6	17842.2	17123.3	16249.9
-7.5°	18603.4	18814.0	18954.0	19004.3	18954.0	18814.0	18603.4	18230.4	17612.5	16819.2	15937.0
-10°	18272.6	18528.6	18730.7	18821.9	18730.7	18528.6	18272.6	17803.8	17202.5	16450.2	15554.7
-12.5°	17680.0	18011.5	18237.6	18324.1	18237.6	18011.5	17680.0	17209.4	16624.0	15898.3	15064.5
-15°	16944.5	17304.0	17546.3	17599.5	17546.3	17304.0	16944.5	16473.6	15903.5	15228.4	14444.1
-17.5°	16092.1	16434.7	16685.5	16746.8	16685.5	16434.7	16092.1	15639.2	15073.9	14453.7	13756.5
-20°	15140.1	15456.7	15691.0	15714.1	15691.0	15456.7	15140.1	14723.3	14221.8	13662.8	13024.2



REPORT NUMBER: P559107 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14151.2	14419.5	14602.7	14649.4	14602.7	14419.5	14151.2	13782.1	13337.4	12824.4	12220.0
-25°	13165.3	13409.9	13550.5	13604.4	13550.5	13409.9	13165.3	12809.6	12392.6	11903.0	11337.1
-27.5°	12142.8	12363.2	12485.8	12515.1	12485.8	12363.2	12142.8	11820.4	11436.3	10991.4	10496.4
-30°	11097.7	11294.8	11411.9	11423.3	11411.9	11294.8	11097.7	10826.4	10488.0	10096.8	9653.3
-32.5°	10092.0	10274.3	10392.1	10410.3	10392.1	10274.3	10092.0	9854.1	9556.3	9197.1	8788.4
-35°	9089.4	9240.2	9321.8	9301.3	9321.8	9240.2	9089.4	8872.5	8593.6	8269.0	7923.3
-37.5°	8077.3	8198.9	8261.6	8258.8	8261.6	8198.9	8077.3	7898.9	7667.5	7392.1	7079.9
-40°	7122.7	7241.0	7295.2	7260.6	7295.2	7241.0	7122.7	6956.6	6757.4	6522.0	6255.6
-42.5°	6190.9	6285.1	6348.6	6395.6	6348.6	6285.1	6190.9	6052.5	5892.5	5693.7	5459.9
-45°	5366.9	5465.2	5524.9	5535.4	5524.9	5465.2	5366.9	5243.7	5099.8	4917.8	4697.6
-47.5°	4547.2	4604.5	4646.8	4675.3	4646.8	4604.5	4547.2	4457.5	4329.7	4176.2	4009.8
-50°	3725.6	3772.5	3812.0	3842.3	3812.0	3772.5	3725.6	3647.9	3545.0	3428.6	3293.5
-52.5°	2957.0	2999.2	3039.0	3073.3	3039.0	2999.2	2957.0	2888.5	2798.2	2702.9	2575.8
-55°	2282.1	2345.3	2381.0	2390.6	2381.0	2345.3	2282.1	2195.9	2087.8	1970.9	1821.4
-57.5°	1543.5	1602.9	1655.9	1695.6	1655.9	1602.9	1543.5	1464.0	1364.6	1251.5	1122.3
-60°	868.4	896.1	908.3	909.4	908.3	896.1	868.4	834.9	796.6	756.8	710.5
-62.5°	580.0	588.5	597.5	603.8	597.5	588.5	580.0	567.3	550.4	531.6	515.1
-65°	406.7	409.0	410.9	411.6	410.9	409.0	406.7	402.6	396.8	394.5	391.5
-67.5°	336.5	340.1	340.8	340.1	340.8	340.1	336.5	332.0	326.5	319.8	312.1
-70°	268.2	271.5	270.2	266.2	270.2	271.5	268.2	265.4	264.2	263.3	258.3
-72.5°	152.6	129.0	112.7	96.1	112.7	129.0	152.6	175.7	198.7	214.9	212.5
-75°	103.3	75.4	73.8	73.9	73.8	75.4	103.3	130.5	156.7	176.8	175.0
-77.5°	79.0	57.4	55.4	54.2	55.4	57.4	79.0	99.6	118.8	133.9	133.4
-80°	46.7	37.1	38.1	39.4	38.1	37.1	46.7	55.9	64.8	72.9	78.4
-82.5°	28.1	22.2	23.4	24.6	23.4	22.2	28.1	33.7	39.0	43.7	46.3
-85°	11.0	9.9	9.9	9.9	9.9	9.9	11.0	12.1	13.1	14.0	13.7
-87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
-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: P559107 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.5	2.8	3.2	3.5
85°	13.3	12.9	12.5	13.5	14.3	14.8	15.0	13.2	11.5	10.1	9.0
82.5°	48.3	49.7	50.1	47.1	44.2	41.5	38.6	32.3	26.6	21.4	17.4
80°	83.2	87.5	90.2	87.4	83.7	79.2	72.4	59.3	47.8	38.2	32.3
77.5°	133.0	132.7	131.8	127.1	122.9	119.3	112.5	92.7	73.5	56.4	47.9
75°	173.2	171.3	168.4	162.7	156.1	148.6	139.6	126.0	109.1	88.5	74.1
72.5°	209.4	205.7	200.9	194.6	187.5	180.4	171.6	160.4	147.3	132.2	120.5
70°	252.9	247.0	240.5	233.3	226.0	217.8	209.1	198.1	184.3	169.6	161.2
67.5°	303.6	294.6	286.5	275.5	266.2	256.5	251.4	242.1	229.5	214.3	204.0
65°	381.3	362.9	351.1	350.4	341.1	322.3	303.7	294.6	284.4	267.4	249.4
62.5°	501.5	492.0	467.3	444.6	428.1	415.5	391.5	365.9	346.0	328.6	305.2
60°	656.6	595.9	570.8	543.2	512.2	481.7	461.2	436.4	407.0	383.7	359.8
57.5°	977.3	858.5	789.0	712.2	628.2	581.6	547.8	508.9	475.8	443.3	413.2
55°	1637.8	1466.1	1282.7	1070.8	872.5	784.1	685.8	608.5	560.7	506.1	470.0
52.5°	2413.0	2206.2	1975.7	1722.5	1465.0	1191.2	921.1	806.5	674.8	593.6	533.3
50°	3132.1	2916.8	2689.6	2440.8	2133.7	1800.2	1474.7	1150.0	884.8	733.4	612.6
47.5°	3813.3	3577.8	3325.7	3057.7	2774.4	2459.2	2078.2	1678.5	1302.6	925.4	760.7
45°	4474.2	4220.8	3938.2	3646.5	3342.7	3019.5	2678.7	2268.5	1816.6	1382.6	934.6
42.5°	5188.0	4882.0	4564.9	4238.8	3891.1	3547.3	3186.5	2801.8	2367.9	1869.6	1384.5
40°	5945.3	5606.3	5244.6	4857.3	4471.2	4062.9	3673.9	3269.3	2847.2	2376.4	1829.6
37.5°	6721.9	6332.8	5939.4	5512.7	5072.7	4624.1	4169.9	3724.3	3273.3	2813.3	2283.9
35°	7529.2	7099.1	6643.9	6177.9	5682.2	5194.0	4693.4	4187.1	3693.8	3202.6	2696.6
32.5°	8344.2	7872.5	7362.6	6846.4	6310.0	5760.3	5217.9	4668.3	4104.9	3581.1	3051.1
30°	9165.4	8642.9	8087.4	7498.3	6913.8	6325.8	5728.5	5125.9	4522.5	3940.8	3391.3
27.5°	9971.8	9404.2	8799.9	8159.7	7491.3	6860.5	6218.5	5565.3	4915.7	4296.3	3706.4
25°	10767.3	10145.3	9475.1	8790.1	8089.0	7353.9	6671.9	5985.1	5301.6	4628.3	3991.4
22.5°	11559.6	10863.4	10126.5	9370.6	8635.3	7861.3	7100.3	6370.9	5657.9	4944.3	4270.2
20°	12318.4	11551.8	10756.7	9938.2	9124.2	8326.6	7507.6	6732.2	5979.0	5240.1	4529.3
17.5°	12988.7	12176.4	11340.6	10456.6	9587.4	8739.8	7892.4	7063.1	6269.7	5497.2	4763.9
15°	13607.6	12745.6	11856.8	10932.3	10008.3	9100.9	8225.1	7354.4	6530.4	5725.8	4972.2
12.5°	14169.5	13255.8	12324.2	11349.6	10380.2	9420.2	8508.0	7616.9	6758.2	5929.4	5147.8
10°	14628.6	13678.4	12710.4	11710.8	10701.1	9698.4	8742.6	7828.6	6941.7	6091.6	5293.9
7.5°	15001.5	14010.4	13005.2	11996.6	10956.5	9930.5	8938.1	7988.7	7085.0	6210.1	5409.1
5°	15292.5	14272.0	13230.8	12206.8	11140.8	10093.1	9084.1	8096.4	7185.5	6286.3	5491.9
2.5°	15492.1	14449.8	13371.1	12333.6	11260.4	10194.4	9192.8	8179.8	7257.1	6366.3	5564.4
0°	15613.1	14582.9	13476.3	12421.4	11369.1	10250.1	9266.8	8236.6	7287.7	6417.7	5602.0
-2.5°	15492.1	14449.8	13371.1	12333.6	11260.4	10194.4	9192.8	8179.8	7257.1	6366.3	5564.4
-5°	15292.5	14272.0	13230.8	12206.8	11140.8	10093.1	9084.1	8096.4	7185.5	6286.3	5491.9
-7.5°	15001.5	14010.4	13005.2	11996.6	10956.5	9930.5	8938.1	7988.7	7085.0	6210.1	5409.1
-10°	14628.6	13678.4	12710.4	11710.8	10701.1	9698.4	8742.6	7828.6	6941.7	6091.6	5293.9
-12.5°	14169.5	13255.8	12324.2	11349.6	10380.2	9420.2	8508.0	7616.9	6758.2	5929.4	5147.8
-15°	13607.6	12745.6	11856.8	10932.3	10008.3	9100.9	8225.1	7354.4	6530.4	5725.8	4972.2
-17.5°	12988.7	12176.4	11340.6	10456.6	9587.4	8739.8	7892.4	7063.1	6269.7	5497.2	4763.9
-20°	12318.4	11551.8	10756.7	9938.2	9124.2	8326.6	7507.6	6732.2	5979.0	5240.1	4529.3



REPORT NUMBER: P559107 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11559.6	10863.4	10126.5	9370.6	8635.3	7861.3	7100.3	6370.9	5657.9	4944.3	4270.2
-25°	10767.3	10145.3	9475.1	8790.1	8089.0	7353.9	6671.9	5985.1	5301.6	4628.3	3991.4
-27.5°	9971.8	9404.2	8799.9	8159.7	7491.3	6860.5	6218.5	5565.3	4915.7	4296.3	3706.4
-30°	9165.4	8642.9	8087.4	7498.3	6913.8	6325.8	5728.5	5125.9	4522.5	3940.8	3391.3
-32.5°	8344.2	7872.5	7362.6	6846.4	6310.0	5760.3	5217.9	4668.3	4104.9	3581.1	3051.1
-35°	7529.2	7099.1	6643.9	6177.9	5682.2	5194.0	4693.4	4187.1	3693.8	3202.6	2696.6
-37.5°	6721.9	6332.8	5939.4	5512.7	5072.7	4624.1	4169.9	3724.3	3273.3	2813.3	2283.9
-40°	5945.3	5606.3	5244.6	4857.3	4471.2	4062.9	3673.9	3269.3	2847.2	2376.4	1829.6
-42.5°	5188.0	4882.0	4564.9	4238.8	3891.1	3547.3	3186.5	2801.8	2367.9	1869.6	1384.5
-45°	4474.2	4220.8	3938.2	3646.5	3342.7	3019.5	2678.7	2268.5	1816.6	1382.6	934.6
-47.5°	3813.3	3577.8	3325.7	3057.7	2774.4	2459.2	2078.2	1678.5	1302.6	925.4	760.7
-50°	3132.1	2916.8	2689.6	2440.8	2133.7	1800.2	1474.7	1150.0	884.8	733.4	612.6
-52.5°	2413.0	2206.2	1975.7	1722.5	1465.0	1191.2	921.1	806.5	674.8	593.6	533.3
-55°	1637.8	1466.1	1282.7	1070.8	872.5	784.1	685.8	608.5	560.7	506.1	470.0
-57.5°	977.3	858.5	789.0	712.2	628.2	581.6	547.8	508.9	475.8	443.3	413.2
-60°	656.6	595.9	570.8	543.2	512.2	481.7	461.2	436.4	407.0	383.7	359.8
-62.5°	501.5	492.0	467.3	444.6	428.1	415.5	391.5	365.9	346.0	328.6	305.2
-65°	381.3	362.9	351.1	350.4	341.1	322.3	303.7	294.6	284.4	267.4	249.4
-67.5°	303.6	294.6	286.5	275.5	266.2	256.5	251.4	242.1	229.5	214.3	204.0
-70°	252.9	247.0	240.5	233.3	226.0	217.8	209.1	198.1	184.3	169.6	161.2
-72.5°	209.4	205.7	200.9	194.6	187.5	180.4	171.6	160.4	147.3	132.2	120.5
-75°	173.2	171.3	168.4	162.7	156.1	148.6	139.6	126.0	109.1	88.5	74.1
-77.5°	133.0	132.7	131.8	127.1	122.9	119.3	112.5	92.7	73.5	56.4	47.9
-80°	83.2	87.5	90.2	87.4	83.7	79.2	72.4	59.3	47.8	38.2	32.3
-82.5°	48.3	49.7	50.1	47.1	44.2	41.5	38.6	32.3	26.6	21.4	17.4
-85°	13.3	12.9	12.5	13.5	14.3	14.8	15.0	13.2	11.5	10.1	9.0
-87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.5	2.8	3.2	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559107 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-WR-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°	3.3	3.1	3.0	2.8	3.0	3.1	3.1	3.1	2.8	2.5	2.2
85°	9.0	8.8	8.3	7.5	7.0	6.2	6.3	6.2	5.7	5.1	4.4
82.5°	17.5	17.6	17.8	17.5	17.3	16.7	15.6	13.9	10.9	7.9	6.7
80°	36.2	38.2	38.3	36.0	31.5	27.3	26.2	24.2	19.9	15.8	11.9
77.5°	55.2	60.5	63.7	62.5	55.6	49.1	42.7	36.0	28.9	23.7	18.6
75°	75.6	82.5	87.8	87.7	80.4	70.7	62.2	53.3	42.7	32.0	25.2
72.5°	114.4	111.7	112.6	113.1	106.9	97.5	85.0	70.3	58.1	45.7	33.2
70°	153.5	143.3	136.4	135.2	132.0	125.1	112.6	93.6	73.5	59.3	45.1
67.5°	194.6	184.4	171.3	159.8	155.5	149.5	139.9	117.7	94.0	72.8	56.8
65°	236.8	224.6	212.3	195.4	182.7	174.0	164.2	140.6	113.6	89.3	68.4
62.5°	282.8	263.0	247.2	229.0	211.6	198.5	188.0	162.4	132.9	105.1	80.9
60°	333.5	308.1	282.3	260.6	239.9	221.4	206.5	184.3	153.7	120.1	93.3
57.5°	384.9	353.8	321.6	293.0	268.6	245.5	224.1	202.7	174.5	138.4	104.4
55°	436.5	401.9	361.1	326.0	297.1	271.3	243.3	219.3	194.1	157.6	113.1
52.5°	486.4	447.1	403.4	359.9	324.5	295.4	264.4	235.9	209.4	176.6	125.9
50°	547.3	490.4	444.4	397.3	351.6	317.6	284.3	253.3	224.6	194.0	137.9
47.5°	617.8	545.8	485.1	433.8	384.3	339.3	304.0	269.9	239.7	207.6	148.4
45°	758.3	608.8	532.6	471.4	415.3	365.6	323.7	285.3	253.4	213.4	157.2
42.5°	918.9	726.3	588.4	508.6	448.7	391.9	342.8	302.3	266.1	217.2	162.1
40°	1305.4	873.0	663.7	558.1	482.3	416.5	364.6	319.1	276.8	219.6	164.0
37.5°	1702.5	1145.3	796.0	606.3	517.9	446.4	385.1	335.4	281.5	221.9	164.5
35°	2105.3	1501.4	925.6	693.1	560.7	475.5	403.8	351.5	291.8	224.2	163.6
32.5°	2487.8	1845.1	1223.0	808.2	601.8	503.6	425.9	367.7	304.9	226.5	161.4
30°	2815.8	2179.1	1517.6	918.0	659.0	538.4	450.2	382.9	320.5	228.6	159.0
27.5°	3114.2	2490.9	1794.6	1130.8	753.8	572.0	473.2	397.3	338.4	234.3	159.5
25°	3388.7	2757.0	2061.9	1364.2	842.7	603.9	494.1	410.8	352.7	246.4	159.6
22.5°	3631.2	2993.8	2306.5	1576.8	922.9	635.0	516.6	428.2	363.5	259.2	159.2
20°	3848.8	3209.0	2528.7	1773.1	1054.8	701.4	540.8	443.6	373.3	272.4	158.3
17.5°	4044.7	3396.0	2715.6	1959.3	1212.4	760.1	563.0	457.0	382.2	285.7	156.9
15°	4235.7	3555.0	2874.2	2124.0	1351.3	811.0	582.9	468.5	389.9	298.6	156.1
12.5°	4396.2	3690.9	3007.9	2266.3	1470.7	854.0	600.4	478.1	396.6	310.1	155.0
10°	4525.1	3803.0	3116.8	2385.4	1569.9	889.0	615.3	485.3	401.8	319.6	151.9
7.5°	4622.3	3890.8	3200.8	2480.5	1648.4	917.9	624.8	489.5	405.9	327.2	147.1
5°	4692.3	3957.0	3261.9	2550.8	1705.2	941.5	630.8	491.6	409.0	332.6	140.9
2.5°	4750.3	4003.4	3300.2	2595.8	1739.8	957.7	633.7	491.9	410.9	335.4	133.6
0°	4778.8	4024.6	3314.8	2614.9	1752.3	966.1	633.4	490.4	411.6	335.2	125.7
-2.5°	4750.3	4003.4	3300.2	2595.8	1739.8	957.7	633.7	491.9	410.9	335.4	133.6
-5°	4692.3	3957.0	3261.9	2550.8	1705.2	941.5	630.8	491.6	409.0	332.6	140.9
-7.5°	4622.3	3890.8	3200.8	2480.5	1648.4	917.9	624.8	489.5	405.9	327.2	147.1
-10°	4525.1	3803.0	3116.8	2385.4	1569.9	889.0	615.3	485.3	401.8	319.6	151.9
-12.5°	4396.2	3690.9	3007.9	2266.3	1470.7	854.0	600.4	478.1	396.6	310.1	155.0
-15°	4235.7	3555.0	2874.2	2124.0	1351.3	811.0	582.9	468.5	389.9	298.6	156.1
-17.5°	4044.7	3396.0	2715.6	1959.3	1212.4	760.1	563.0	457.0	382.2	285.7	156.9
-20°	3848.8	3209.0	2528.7	1773.1	1054.8	701.4	540.8	443.6	373.3	272.4	158.3



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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°	3631.2	2993.8	2306.5	1576.8	922.9	635.0	516.6	428.2	363.5	259.2	159.2
-25°	3388.7	2757.0	2061.9	1364.2	842.7	603.9	494.1	410.8	352.7	246.4	159.6
-27.5°	3114.2	2490.9	1794.6	1130.8	753.8	572.0	473.2	397.3	338.4	234.3	159.5
-30°	2815.8	2179.1	1517.6	918.0	659.0	538.4	450.2	382.9	320.5	228.6	159.0
-32.5°	2487.8	1845.1	1223.0	808.2	601.8	503.6	425.9	367.7	304.9	226.5	161.4
-35°	2105.3	1501.4	925.6	693.1	560.7	475.5	403.8	351.5	291.8	224.2	163.6
-37.5°	1702.5	1145.3	796.0	606.3	517.9	446.4	385.1	335.4	281.5	221.9	164.5
-40°	1305.4	873.0	663.7	558.1	482.3	416.5	364.6	319.1	276.8	219.6	164.0
-42.5°	918.9	726.3	588.4	508.6	448.7	391.9	342.8	302.3	266.1	217.2	162.1
-45°	758.3	608.8	532.6	471.4	415.3	365.6	323.7	285.3	253.4	213.4	157.2
-47.5°	617.8	545.8	485.1	433.8	384.3	339.3	304.0	269.9	239.7	207.6	148.4
-50°	547.3	490.4	444.4	397.3	351.6	317.6	284.3	253.3	224.6	194.0	137.9
-52.5°	486.4	447.1	403.4	359.9	324.5	295.4	264.4	235.9	209.4	176.6	125.9
-55°	436.5	401.9	361.1	326.0	297.1	271.3	243.3	219.3	194.1	157.6	113.1
-57.5°	384.9	353.8	321.6	293.0	268.6	245.5	224.1	202.7	174.5	138.4	104.4
-60°	333.5	308.1	282.3	260.6	239.9	221.4	206.5	184.3	153.7	120.1	93.3
-62.5°	282.8	263.0	247.2	229.0	211.6	198.5	188.0	162.4	132.9	105.1	80.9
-65°	236.8	224.6	212.3	195.4	182.7	174.0	164.2	140.6	113.6	89.3	68.4
-67.5°	194.6	184.4	171.3	159.8	155.5	149.5	139.9	117.7	94.0	72.8	56.8
-70°	153.5	143.3	136.4	135.2	132.0	125.1	112.6	93.6	73.5	59.3	45.1
-72.5°	114.4	111.7	112.6	113.1	106.9	97.5	85.0	70.3	58.1	45.7	33.2
-75°	75.6	82.5	87.8	87.7	80.4	70.7	62.2	53.3	42.7	32.0	25.2
-77.5°	55.2	60.5	63.7	62.5	55.6	49.1	42.7	36.0	28.9	23.7	18.6
-80°	36.2	38.2	38.3	36.0	31.5	27.3	26.2	24.2	19.9	15.8	11.9
-82.5°	17.5	17.6	17.8	17.5	17.3	16.7	15.6	13.9	10.9	7.9	6.7
-85°	9.0	8.8	8.3	7.5	7.0	6.2	6.3	6.2	5.7	5.1	4.4
-87.5°	3.3	3.1	3.0	2.8	3.0	3.1	3.1	3.1	2.8	2.5	2.2
-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°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
85°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
82.5°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
80°	8.1	6.4	5.1	3.8	2.6	1.3	0.0
77.5°	13.6	8.8	6.4	4.8	3.2	1.6	0.0
75°	19.0	12.7	7.9	5.7	3.8	1.9	0.0
72.5°	24.2	16.5	10.5	6.7	4.4	2.2	0.0
70°	29.8	20.1	12.9	7.7	5.1	2.5	0.0
67.5°	38.8	23.6	15.3	9.2	5.7	2.8	0.0
65°	47.3	28.2	17.6	10.6	6.2	3.1	0.0
62.5°	55.2	33.8	19.7	12.0	6.8	3.4	0.0
60°	62.5	38.9	21.7	13.2	7.4	3.7	0.0
57.5°	69.7	43.5	24.7	14.4	8.1	4.0	0.0
55°	76.2	47.7	27.5	15.5	8.8	4.2	0.0
52.5°	81.8	51.3	29.9	16.5	9.5	4.5	0.0
50°	86.4	54.7	32.0	17.4	10.2	4.8	0.0
47.5°	90.7	57.4	33.8	18.3	10.9	5.0	0.0
45°	98.0	59.4	35.1	19.3	11.5	5.2	0.0
42.5°	104.2	60.8	36.1	20.0	12.1	5.5	0.0
40°	109.1	61.5	36.7	20.9	12.7	5.7	0.0
37.5°	112.7	61.5	37.0	21.9	13.2	5.9	0.0
35°	115.2	62.9	36.9	22.9	13.7	6.1	0.0
32.5°	115.7	64.5	36.4	23.8	14.2	6.2	0.0
30°	113.5	65.4	35.5	24.6	14.6	6.4	0.0
27.5°	110.4	65.4	36.4	25.4	15.1	6.6	0.0
25°	106.4	64.7	37.5	26.1	15.4	6.7	0.0
22.5°	101.5	64.6	38.5	26.8	15.8	6.8	0.0
20°	95.9	67.7	39.5	27.4	16.1	7.0	0.0
17.5°	94.9	70.3	40.4	27.9	16.4	7.1	0.0
15°	96.8	72.6	41.2	28.3	16.6	7.1	0.0
12.5°	98.5	74.6	42.0	28.7	16.8	7.2	0.0
10°	100.0	76.2	42.7	29.0	17.0	7.3	0.0
7.5°	101.3	77.4	43.3	29.3	17.1	7.3	0.0
5°	102.3	78.2	43.7	29.5	17.2	7.4	0.0
2.5°	103.0	78.7	44.1	29.6	17.3	7.4	0.0
0°	103.5	78.9	44.4	29.6	17.3	7.4	0.0
-2.5°	103.0	78.7	44.1	29.6	17.3	7.4	0.0
-5°	102.3	78.2	43.7	29.5	17.2	7.4	0.0
-7.5°	101.3	77.4	43.3	29.3	17.1	7.3	0.0
-10°	100.0	76.2	42.7	29.0	17.0	7.3	0.0
-12.5°	98.5	74.6	42.0	28.7	16.8	7.2	0.0
-15°	96.8	72.6	41.2	28.3	16.6	7.1	0.0
-17.5°	94.9	70.3	40.4	27.9	16.4	7.1	0.0
-20°	95.9	67.7	39.5	27.4	16.1	7.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	101.5	64.6	38.5	26.8	15.8	6.8	0.0
-25°	106.4	64.7	37.5	26.1	15.4	6.7	0.0
-27.5°	110.4	65.4	36.4	25.4	15.1	6.6	0.0
-30°	113.5	65.4	35.5	24.6	14.6	6.4	0.0
-32.5°	115.7	64.5	36.4	23.8	14.2	6.2	0.0
-35°	115.2	62.9	36.9	22.9	13.7	6.1	0.0
-37.5°	112.7	61.5	37.0	21.9	13.2	5.9	0.0
-40°	109.1	61.5	36.7	20.9	12.7	5.7	0.0
-42.5°	104.2	60.8	36.1	20.0	12.1	5.5	0.0
-45°	98.0	59.4	35.1	19.3	11.5	5.2	0.0
-47.5°	90.7	57.4	33.8	18.3	10.9	5.0	0.0
-50°	86.4	54.7	32.0	17.4	10.2	4.8	0.0
-52.5°	81.8	51.3	29.9	16.5	9.5	4.5	0.0
-55°	76.2	47.7	27.5	15.5	8.8	4.2	0.0
-57.5°	69.7	43.5	24.7	14.4	8.1	4.0	0.0
-60°	62.5	38.9	21.7	13.2	7.4	3.7	0.0
-62.5°	55.2	33.8	19.7	12.0	6.8	3.4	0.0
-65°	47.3	28.2	17.6	10.6	6.2	3.1	0.0
-67.5°	38.8	23.6	15.3	9.2	5.7	2.8	0.0
-70°	29.8	20.1	12.9	7.7	5.1	2.5	0.0
-72.5°	24.2	16.5	10.5	6.7	4.4	2.2	0.0
-75°	19.0	12.7	7.9	5.7	3.8	1.9	0.0
-77.5°	13.6	8.8	6.4	4.8	3.2	1.6	0.0
-80°	8.1	6.4	5.1	3.8	2.6	1.3	0.0
-82.5°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
-85°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-87.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)