

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: P559104 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559104 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
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-TS-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

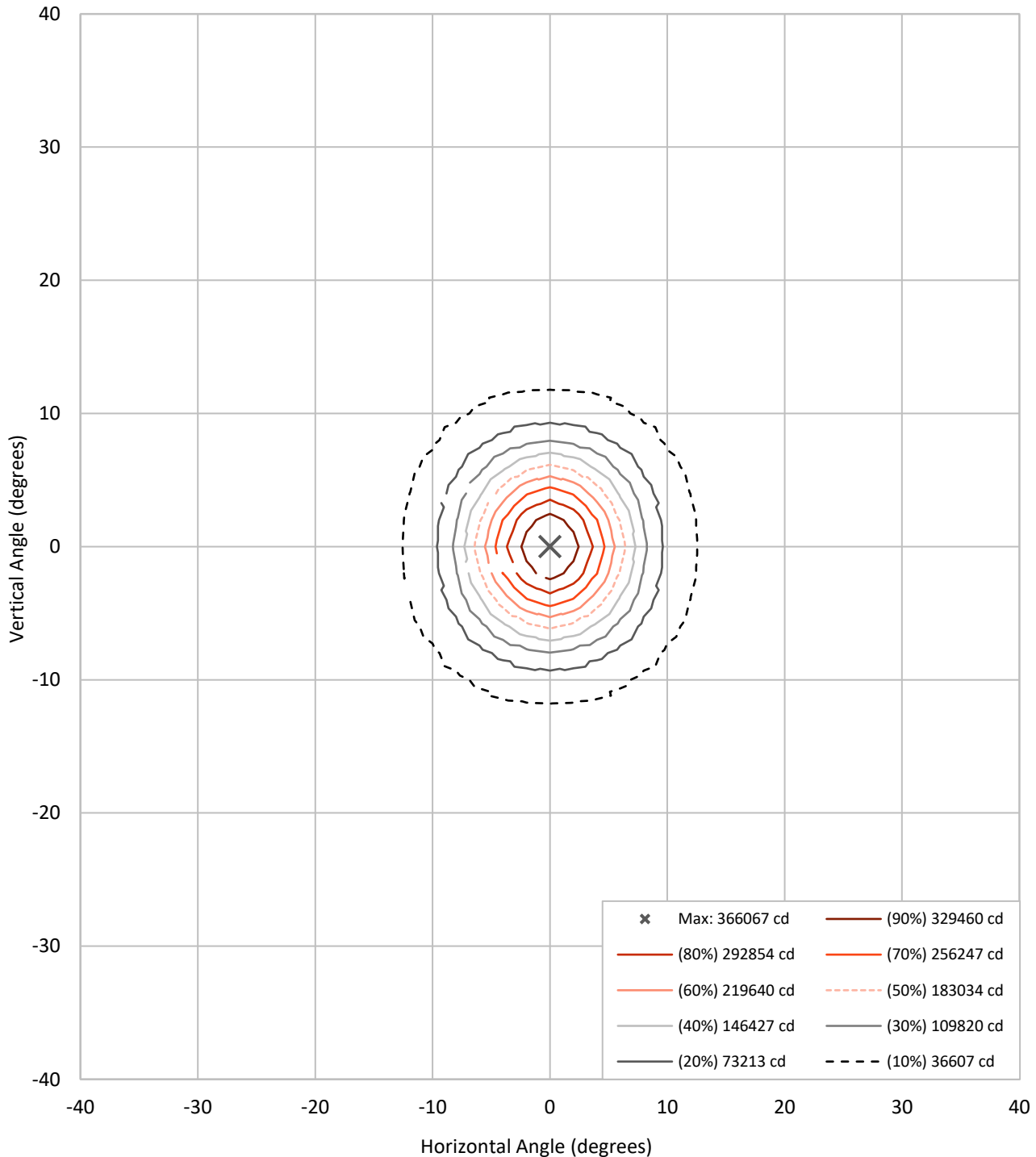
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	26535 lumens	Max Intensity:	366067 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	8384.6 lumens	Field Lumens:	18574.9 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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





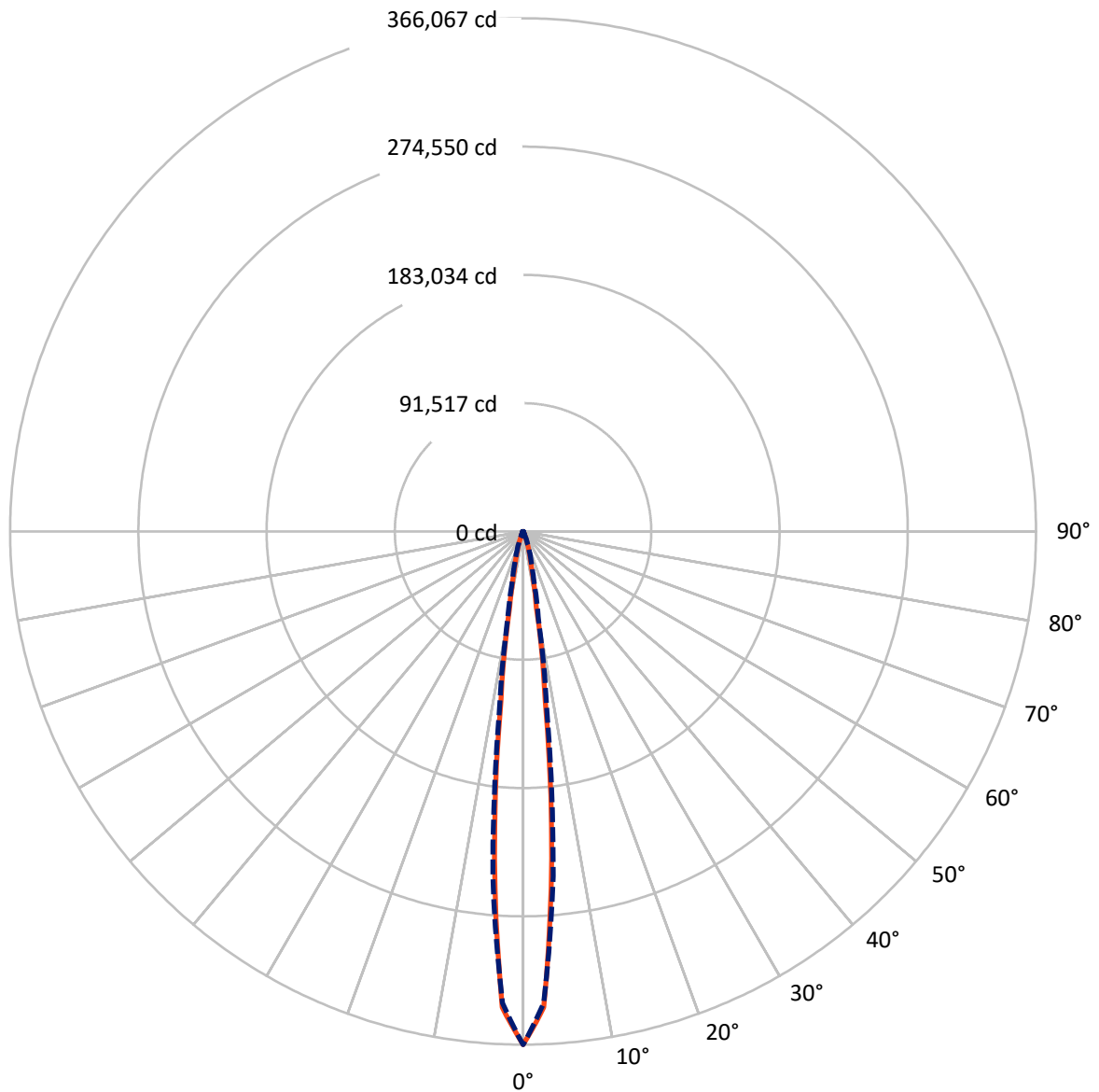
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Lumen Table

90	0.4	3.1		8.5		13.7		15.9		13.7		8.5		3.1		0.4			
80	0.4	3.1		8.5		13.7		15.9		13.7		8.5		3.1		0.4			
70	1.4	1.6	3.5	5.7	7.8	9.5	10.9	11.6	11.6	10.9	9.5	7.8	5.7	3.5	1.6	1.4			
60		2.5	5.1	7.7	10.0	11.9	13.0	13.5	13.5	13.0	11.9	10.0	7.7	5.1	2.5				
50	2.6	3.3	6.3	9.0	11.3	13.2	14.8	15.5	15.5	14.8	13.2	11.3	9.0	6.3	3.3	2.6			
40		4.0	7.1	9.8	12.5	16.2	20.3	22.8	22.8	20.3	16.2	12.5	9.8	7.1	4.0				
30	3.4	4.4	7.5	10.4	14.8	22.9	50.9	92.6	92.6	50.9	22.9	14.8	10.4	7.5	4.4	3.4			
20		4.6	7.7	11.0	17.5	49.3	278.2	612.1	612.1	278.2	49.3	17.5	11.0	7.7	4.6				
10	3.7	4.7	7.8	11.3	19.4	94.6	667.9	4320.9	4320.9	667.9	94.6	19.4	11.3	7.8	4.7	3.7			
0		4.7	7.8	11.3	19.4	94.6	667.9	4320.9	4320.9	667.9	94.6	19.4	11.3	7.8	4.7				
-10	3.4	4.6	7.7	11.0	17.5	49.3	278.2	612.1	612.1	278.2	49.3	17.5	11.0	7.7	4.6	3.4			
-20		4.4	7.5	10.4	14.8	22.9	50.9	92.6	92.6	50.9	22.9	14.8	10.4	7.5	4.4				
-30	2.6	4.0	7.1	9.8	12.5	16.2	20.3	22.8	22.8	20.3	16.2	12.5	9.8	7.1	4.0	2.6			
-40		3.3	6.3	9.0	11.3	13.2	14.8	15.5	15.5	14.8	13.2	11.3	9.0	6.3	3.3				
-50	1.4	2.5	5.1	7.7	10.0	11.9	13.0	13.5	13.5	13.0	11.9	10.0	7.7	5.1	2.5	1.4			
-60		1.6	3.5	5.7	7.8	9.5	10.9	11.6	11.6	10.9	9.5	7.8	5.7	3.5	1.6				
-70	0.4	3.1		8.5		13.7		15.9		13.7		8.5		3.1		0.4			
-80		3.1		8.5		13.7		15.9		13.7		8.5		3.1					
-90	0.4	3.1		8.5		13.7		15.9		13.7		8.5		3.1		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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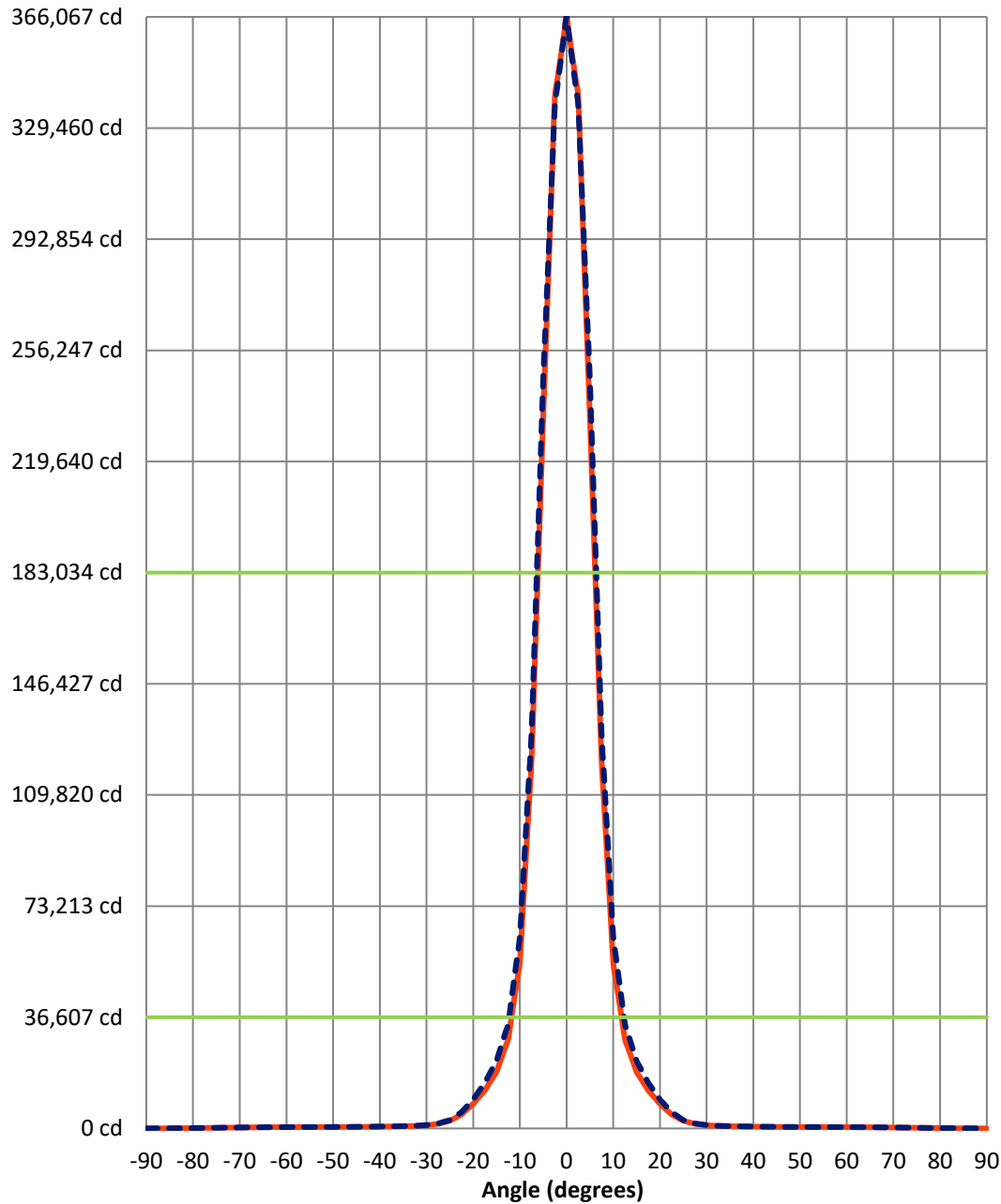
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 8384.6
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 18574.9
Efficiency: 70.0%

Spill:
Lumens: 7960.2
Efficiency: 30.0%

— 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	0.9	1.7	2.5	3.2	3.9	4.5	5.2	5.9	6.6	7.3
85°	0.0	1.7	3.4	5.0	6.4	7.7	9.0	10.4	11.8	13.2	14.6
82.5°	0.0	2.6	5.1	7.5	9.6	11.6	13.4	15.6	17.9	21.1	24.5
80°	0.0	3.4	6.8	9.9	12.8	15.5	18.1	22.3	26.6	31.1	35.8
77.5°	0.0	4.3	8.5	12.4	16.0	19.8	24.4	29.7	35.3	41.0	47.2
75°	0.0	5.1	10.2	14.8	19.3	25.0	30.6	37.0	44.0	51.9	59.4
72.5°	0.0	5.9	11.8	17.3	23.5	30.2	36.8	44.7	54.1	63.1	71.5
70°	0.0	6.7	13.5	19.8	27.6	35.3	43.1	53.7	64.2	74.3	88.1
67.5°	0.0	7.5	15.1	22.8	31.6	40.3	50.9	62.6	74.2	89.5	105.4
65°	0.0	8.3	16.6	25.8	35.6	45.9	58.4	71.4	87.2	104.4	122.7
62.5°	0.0	9.1	18.2	28.7	39.5	52.0	65.9	81.6	99.9	119.3	140.5
60°	0.0	9.8	19.7	31.6	43.3	58.0	73.1	92.1	112.1	135.0	158.0
57.5°	0.0	10.6	21.5	34.4	47.8	63.7	81.7	102.3	125.4	150.4	175.7
55°	0.0	11.3	23.3	37.1	52.3	69.4	90.3	112.3	138.8	165.6	193.2
52.5°	0.0	12.0	25.0	39.8	56.6	75.0	98.6	123.6	151.7	180.9	210.3
50°	0.0	12.7	26.7	42.4	60.7	81.8	106.7	134.7	164.4	195.8	227.2
47.5°	0.0	13.3	28.4	45.0	64.7	88.2	114.7	145.3	177.2	210.1	243.7
45°	0.0	13.9	29.9	47.8	68.5	94.5	123.4	155.5	189.5	224.5	259.7
42.5°	0.0	14.5	31.4	50.5	72.2	100.5	131.7	165.6	201.4	238.4	273.4
40°	0.0	15.1	32.8	53.1	76.2	106.2	139.5	175.4	212.9	251.8	286.3
37.5°	0.0	15.6	34.2	55.5	80.5	111.6	147.0	184.8	224.1	263.9	298.5
35°	0.0	16.1	35.4	57.7	84.6	117.2	153.9	193.7	234.6	274.1	309.6
32.5°	0.0	16.6	36.6	59.7	88.5	122.7	160.6	202.1	244.4	283.6	319.0
30°	0.0	17.1	37.8	61.6	92.1	127.7	167.3	209.9	253.4	292.5	327.8
27.5°	0.0	17.5	38.8	63.4	95.3	132.4	173.4	217.2	261.4	300.8	336.0
25°	0.0	17.9	39.8	64.9	98.3	136.7	179.1	223.9	268.0	307.7	343.4
22.5°	0.0	18.2	40.6	66.3	101.1	140.6	184.2	230.0	274.1	313.8	349.0
20°	0.0	18.5	41.4	67.6	103.6	144.1	188.8	235.3	279.5	319.2	354.1
17.5°	0.0	18.8	42.1	68.7	105.8	147.3	193.0	240.0	284.2	323.9	358.7
15°	0.0	19.0	42.7	69.6	107.8	150.0	196.7	244.1	288.3	327.9	362.7
12.5°	0.0	19.2	43.2	70.3	109.5	152.4	199.8	247.4	291.7	331.3	366.1
10°	0.0	19.4	43.6	70.9	110.9	154.3	202.4	250.1	294.4	334.0	368.8
7.5°	0.0	19.5	44.0	71.3	112.0	155.8	204.4	252.0	296.4	335.9	370.7
5°	0.0	19.6	44.2	71.5	112.8	156.8	205.8	253.3	297.7	337.2	371.9
2.5°	0.0	19.7	44.4	71.6	113.2	157.5	206.7	253.9	298.3	337.8	372.3
0°	0.0	19.7	44.4	71.5	113.4	157.7	207.0	253.8	298.2	337.6	372.1
-2.5°	0.0	19.7	44.4	71.6	113.2	157.5	206.7	253.9	298.3	337.8	372.3
-5°	0.0	19.6	44.2	71.5	112.8	156.8	205.8	253.3	297.7	337.2	371.9
-7.5°	0.0	19.5	44.0	71.3	112.0	155.8	204.4	252.0	296.4	335.9	370.7
-10°	0.0	19.4	43.6	70.9	110.9	154.3	202.4	250.1	294.4	334.0	368.8
-12.5°	0.0	19.2	43.2	70.3	109.5	152.4	199.8	247.4	291.7	331.3	366.1
-15°	0.0	19.0	42.7	69.6	107.8	150.0	196.7	244.1	288.3	327.9	362.7
-17.5°	0.0	18.8	42.1	68.7	105.8	147.3	193.0	240.0	284.2	323.9	358.7
-20°	0.0	18.5	41.4	67.6	103.6	144.1	188.8	235.3	279.5	319.2	354.1



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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	18.2	40.6	66.3	101.1	140.6	184.2	230.0	274.1	313.8	349.0
-25°	0.0	17.9	39.8	64.9	98.3	136.7	179.1	223.9	268.0	307.7	343.4
-27.5°	0.0	17.5	38.8	63.4	95.3	132.4	173.4	217.2	261.4	300.8	336.0
-30°	0.0	17.1	37.8	61.6	92.1	127.7	167.3	209.9	253.4	292.5	327.8
-32.5°	0.0	16.6	36.6	59.7	88.5	122.7	160.6	202.1	244.4	283.6	319.0
-35°	0.0	16.1	35.4	57.7	84.6	117.2	153.9	193.7	234.6	274.1	309.6
-37.5°	0.0	15.6	34.2	55.5	80.5	111.6	147.0	184.8	224.1	263.9	298.5
-40°	0.0	15.1	32.8	53.1	76.2	106.2	139.5	175.4	212.9	251.8	286.3
-42.5°	0.0	14.5	31.4	50.5	72.2	100.5	131.7	165.6	201.4	238.4	273.4
-45°	0.0	13.9	29.9	47.8	68.5	94.5	123.4	155.5	189.5	224.5	259.7
-47.5°	0.0	13.3	28.4	45.0	64.7	88.2	114.7	145.3	177.2	210.1	243.7
-50°	0.0	12.7	26.7	42.4	60.7	81.8	106.7	134.7	164.4	195.8	227.2
-52.5°	0.0	12.0	25.0	39.8	56.6	75.0	98.6	123.6	151.7	180.9	210.3
-55°	0.0	11.3	23.3	37.1	52.3	69.4	90.3	112.3	138.8	165.6	193.2
-57.5°	0.0	10.6	21.5	34.4	47.8	63.7	81.7	102.3	125.4	150.4	175.7
-60°	0.0	9.8	19.7	31.6	43.3	58.0	73.1	92.1	112.1	135.0	158.0
-62.5°	0.0	9.1	18.2	28.7	39.5	52.0	65.9	81.6	99.9	119.3	140.5
-65°	0.0	8.3	16.6	25.8	35.6	45.9	58.4	71.4	87.2	104.4	122.7
-67.5°	0.0	7.5	15.1	22.8	31.6	40.3	50.9	62.6	74.2	89.5	105.4
-70°	0.0	6.7	13.5	19.8	27.6	35.3	43.1	53.7	64.2	74.3	88.1
-72.5°	0.0	5.9	11.8	17.3	23.5	30.2	36.8	44.7	54.1	63.1	71.5
-75°	0.0	5.1	10.2	14.8	19.3	25.0	30.6	37.0	44.0	51.9	59.4
-77.5°	0.0	4.3	8.5	12.4	16.0	19.8	24.4	29.7	35.3	41.0	47.2
-80°	0.0	3.4	6.8	9.9	12.8	15.5	18.1	22.3	26.6	31.1	35.8
-82.5°	0.0	2.6	5.1	7.5	9.6	11.6	13.4	15.6	17.9	21.1	24.5
-85°	0.0	1.7	3.4	5.0	6.4	7.7	9.0	10.4	11.8	13.2	14.6
-87.5°	0.0	0.9	1.7	2.5	3.2	3.9	4.5	5.2	5.9	6.6	7.3
-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°	8.0	8.6	9.3	9.9	10.5	11.1	11.7	12.2	12.8	13.3	13.7
85°	16.0	17.3	19.0	20.5	22.0	23.3	24.4	25.5	26.9	28.4	29.9
82.5°	27.2	29.6	31.6	33.2	35.0	36.7	38.5	41.4	45.1	48.7	52.0
80°	39.2	41.9	45.8	50.1	54.7	59.1	63.4	67.4	71.8	76.6	81.6
77.5°	52.5	58.1	64.2	70.9	77.2	84.6	92.0	99.6	106.5	112.5	117.8
75°	66.5	74.1	84.3	94.6	104.3	113.9	123.7	133.2	141.5	149.2	157.0
72.5°	82.8	95.2	107.4	119.3	131.8	143.8	155.1	165.8	176.4	186.9	197.0
70°	102.3	116.4	131.1	146.0	160.5	173.9	187.1	200.5	213.6	225.5	236.0
67.5°	121.8	138.7	155.6	172.4	188.3	203.6	219.1	234.5	249.1	261.6	272.6
65°	141.9	160.7	179.6	197.8	215.1	233.0	250.6	267.5	281.3	292.8	303.8
62.5°	161.4	182.7	203.3	223.2	242.8	262.4	279.3	294.5	308.7	321.2	333.1
60°	181.5	204.6	226.9	248.8	269.6	287.4	304.6	319.9	334.2	347.9	358.1
57.5°	201.2	226.2	250.3	272.8	292.6	311.1	327.7	343.8	356.2	367.1	378.2
55°	220.6	247.3	272.2	294.3	314.5	332.2	349.0	362.4	374.8	385.1	395.9
52.5°	239.6	267.5	292.1	314.5	333.9	351.4	366.2	379.5	391.0	401.6	410.4
50°	258.2	285.5	311.0	332.2	351.6	368.0	381.9	394.6	405.8	415.5	423.5
47.5°	274.7	303.0	327.0	348.8	367.1	382.7	396.1	408.3	419.4	427.9	435.9
45°	290.1	317.9	342.5	363.1	381.1	395.7	408.7	421.3	430.6	439.0	445.1
42.5°	304.9	331.8	355.7	377.2	392.9	407.1	420.3	431.2	440.8	448.1	454.7
40°	317.5	345.3	368.2	387.6	403.8	417.3	429.5	440.5	449.8	457.0	464.2
37.5°	329.3	356.2	379.4	397.4	412.6	426.0	438.1	448.2	457.5	465.2	474.8
35°	340.7	366.5	388.0	405.7	420.4	433.7	445.2	455.6	464.7	473.3	486.4
32.5°	350.4	376.4	396.3	412.3	426.9	440.4	451.8	462.4	473.0	484.9	498.7
30°	358.6	383.6	403.3	418.4	433.0	445.7	458.0	469.4	481.0	493.3	513.3
27.5°	366.1	390.2	408.5	423.7	438.3	450.2	463.1	476.1	489.6	506.3	529.1
25°	373.0	396.2	413.0	428.4	442.1	454.5	467.8	481.1	498.0	520.1	549.8
22.5°	378.7	401.8	417.0	432.7	445.2	458.3	472.1	486.9	506.0	532.8	571.6
20°	383.3	405.1	420.4	436.0	447.8	461.8	475.8	491.9	514.8	549.6	594.6
17.5°	387.4	408.0	423.3	437.9	450.4	464.7	479.1	495.9	522.0	565.4	615.8
15°	391.0	410.3	425.6	439.5	452.7	466.9	482.1	501.3	531.6	580.6	634.9
12.5°	394.2	412.2	427.4	440.7	454.4	468.5	484.5	505.8	541.9	594.7	653.8
10°	396.8	413.7	428.6	441.6	455.7	469.3	486.5	508.9	549.2	602.7	665.1
7.5°	398.4	414.8	429.5	442.0	456.5	469.6	487.8	510.4	553.7	607.0	671.1
5°	399.3	415.7	430.5	442.8	457.4	470.2	489.0	510.7	555.6	607.8	673.5
2.5°	399.5	416.3	431.1	443.4	458.2	471.9	491.4	513.4	557.2	610.8	675.0
0°	399.2	416.5	431.3	443.6	458.4	473.2	492.9	515.1	557.0	613.6	675.2
-2.5°	399.5	416.3	431.1	443.4	458.2	471.9	491.4	513.4	557.2	610.8	675.0
-5°	399.3	415.7	430.5	442.8	457.4	470.2	489.0	510.7	555.6	607.8	673.5
-7.5°	398.4	414.8	429.5	442.0	456.5	469.6	487.8	510.4	553.7	607.0	671.1
-10°	396.8	413.7	428.6	441.6	455.7	469.3	486.5	508.9	549.2	602.7	665.1
-12.5°	394.2	412.2	427.4	440.7	454.4	468.5	484.5	505.8	541.9	594.7	653.8
-15°	391.0	410.3	425.6	439.5	452.7	466.9	482.1	501.3	531.6	580.6	634.9
-17.5°	387.4	408.0	423.3	437.9	450.4	464.7	479.1	495.9	522.0	565.4	615.8
-20°	383.3	405.1	420.4	436.0	447.8	461.8	475.8	491.9	514.8	549.6	594.6



REPORT NUMBER: P559104 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	378.7	401.8	417.0	432.7	445.2	458.3	472.1	486.9	506.0	532.8	571.6
-25°	373.0	396.2	413.0	428.4	442.1	454.5	467.8	481.1	498.0	520.1	549.8
-27.5°	366.1	390.2	408.5	423.7	438.3	450.2	463.1	476.1	489.6	506.3	529.1
-30°	358.6	383.6	403.3	418.4	433.0	445.7	458.0	469.4	481.0	495.3	513.3
-32.5°	350.4	376.4	396.3	412.3	426.9	440.4	451.8	462.4	473.0	484.9	498.7
-35°	340.7	366.5	388.0	405.7	420.4	433.7	445.2	455.6	464.7	475.3	486.4
-37.5°	329.3	356.2	379.4	397.4	412.6	426.0	438.1	448.2	457.5	465.2	474.8
-40°	317.5	345.3	368.2	387.6	403.8	417.3	429.5	440.5	449.8	457.0	464.2
-42.5°	304.9	331.8	355.7	377.2	392.9	407.1	420.3	431.2	440.8	448.1	454.7
-45°	290.1	317.9	342.5	363.1	381.1	395.7	408.7	421.3	430.6	439.0	445.1
-47.5°	274.7	303.0	327.0	348.8	367.1	382.7	396.1	408.3	419.4	427.9	435.9
-50°	258.2	285.5	311.0	332.2	351.6	368.0	381.9	394.6	405.8	415.5	423.5
-52.5°	239.6	267.5	292.1	314.5	333.9	351.4	366.2	379.5	391.0	401.6	410.4
-55°	220.6	247.3	272.2	294.3	314.5	332.2	349.0	362.4	374.8	385.1	395.9
-57.5°	201.2	226.2	250.3	272.8	292.6	311.1	327.7	343.8	356.2	367.1	378.2
-60°	181.5	204.6	226.9	248.8	269.6	287.4	304.6	319.9	334.2	347.9	358.1
-62.5°	161.4	182.7	203.3	223.2	242.8	262.4	279.3	294.5	308.7	321.2	333.1
-65°	141.9	160.7	179.6	197.8	215.1	233.0	250.6	267.5	281.3	292.8	303.8
-67.5°	121.8	138.7	155.6	172.4	188.3	203.6	219.1	234.5	249.1	261.6	272.6
-70°	102.3	116.4	131.1	146.0	160.5	173.9	187.1	200.5	213.6	225.5	236.0
-72.5°	82.8	95.2	107.4	119.3	131.8	143.8	155.1	165.8	176.4	186.9	197.0
-75°	66.5	74.1	84.3	94.6	104.3	113.9	123.7	133.2	141.5	149.2	157.0
-77.5°	52.5	58.1	64.2	70.9	77.2	84.6	92.0	99.6	106.5	112.5	117.8
-80°	39.2	41.9	45.8	50.1	54.7	59.1	63.4	67.4	71.8	76.6	81.6
-82.5°	27.2	29.6	31.6	33.2	35.0	36.7	38.5	41.4	45.1	48.7	52.0
-85°	16.0	17.3	19.0	20.5	22.0	23.3	24.4	25.5	26.9	28.4	29.9
-87.5°	8.0	8.6	9.3	9.9	10.5	11.1	11.7	12.2	12.8	13.3	13.7
-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: P559104 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-TS-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°	14.2	14.1	13.9	13.7	13.4	13.7	13.9	14.1	14.3	14.4	14.6
85°	31.4	32.7	34.0	35.4	36.8	37.8	38.6	39.4	40.0	40.6	41.1
82.5°	55.1	57.9	60.5	62.8	64.8	66.6	68.1	69.4	70.6	71.6	72.4
80°	86.0	90.3	94.3	98.1	101.5	104.3	106.6	108.5	110.1	111.8	113.2
77.5°	123.0	128.9	134.6	139.7	144.3	148.1	151.4	154.2	156.7	159.7	162.4
75°	164.7	171.9	178.4	184.4	189.8	194.8	199.1	202.9	206.2	209.4	212.2
72.5°	206.5	215.1	222.6	229.0	234.8	240.5	246.0	251.1	255.8	259.4	262.0
70°	245.8	254.6	262.7	270.0	276.8	283.8	290.9	297.5	303.5	307.4	309.7
67.5°	281.9	290.9	300.1	309.1	317.2	324.5	331.7	338.2	344.0	348.0	350.5
65°	314.4	324.4	334.3	343.6	352.1	358.3	364.9	371.0	376.8	381.4	384.8
62.5°	344.9	354.7	363.1	370.9	378.2	384.5	390.8	396.5	401.5	405.9	410.0
60°	368.2	378.2	386.3	393.6	400.4	406.6	411.6	415.8	419.2	422.0	424.6
57.5°	388.2	397.7	405.9	411.9	417.9	423.9	428.2	430.8	432.9	434.4	435.5
55°	405.3	413.0	419.9	426.5	432.5	437.6	441.4	443.2	444.3	444.9	445.4
52.5°	419.1	426.6	433.7	440.0	444.6	449.0	452.7	453.7	454.3	454.6	454.7
50°	431.8	439.1	444.7	450.0	454.8	458.7	461.9	463.5	464.3	464.5	464.0
47.5°	442.0	448.2	454.5	459.9	464.7	469.3	472.9	475.0	476.6	477.2	477.2
45°	450.9	458.3	464.8	471.3	476.9	482.8	487.9	491.3	494.7	497.1	498.3
42.5°	461.5	468.9	476.2	485.0	493.1	500.8	509.2	516.5	524.2	532.4	538.0
40°	472.3	480.3	491.5	502.1	514.0	524.8	542.4	559.9	573.3	584.7	595.0
37.5°	484.6	496.2	509.7	523.3	542.8	562.9	585.1	607.0	626.0	643.1	656.9
35°	498.7	514.4	530.8	555.1	579.9	604.7	631.3	660.3	684.9	702.9	715.8
32.5°	516.0	535.7	562.0	593.2	623.6	655.7	687.9	720.2	744.5	769.5	794.7
30°	535.2	563.5	597.7	635.5	673.4	711.9	752.2	797.1	839.7	885.6	951.2
27.5°	559.6	594.2	634.3	679.1	724.8	770.6	840.9	917.9	1032.2	1123.5	1278.5
25°	585.7	626.2	674.1	725.9	781.7	863.8	992.4	1144.4	1413.8	1622.7	1939.6
22.5°	614.9	662.5	715.3	774.8	864.8	1019.8	1239.8	1630.2	2173.3	2709.7	3306.3
20°	643.6	696.3	754.1	844.2	997.1	1242.3	1718.7	2562.7	3505.3	4847.3	5973.8
17.5°	670.8	726.8	800.2	922.0	1151.0	1644.0	2566.7	4012.4	5981.1	8144.5	9948.5
15°	694.7	751.9	850.8	1043.8	1430.6	2198.4	3591.8	6052.1	9359.9	12321.9	14963.8
12.5°	714.9	782.7	905.6	1142.1	1673.3	2810.0	5045.0	8538.6	12578.0	16732.0	20075.4
10°	729.6	815.3	978.8	1323.9	2059.0	3537.8	6256.2	10663.1	15526.8	20575.6	26619.5
7.5°	738.5	838.7	1034.4	1458.9	2403.0	4348.1	7775.6	12559.9	18145.2	25037.4	34271.7
5°	744.8	854.4	1075.5	1560.5	2632.9	4883.8	8735.0	13997.1	20404.4	30370.2	49374.9
2.5°	747.9	861.4	1098.9	1616.2	2737.7	5159.3	9410.1	14820.0	21779.0	34132.1	59837.5
0°	746.7	857.6	1101.6	1629.0	2752.7	5369.9	9522.4	15054.9	22243.5	34469.3	63191.7
-2.5°	747.9	861.4	1098.9	1616.2	2737.7	5159.3	9410.1	14820.0	21779.0	34132.1	59837.5
-5°	744.8	854.4	1075.5	1560.5	2632.9	4883.8	8735.0	13997.1	20404.4	30370.2	49374.9
-7.5°	738.5	838.7	1034.4	1458.9	2403.0	4348.1	7775.6	12559.9	18145.2	25037.4	34271.7
-10°	729.6	815.3	978.8	1323.9	2059.0	3537.8	6256.2	10663.1	15526.8	20575.6	26619.5
-12.5°	714.9	782.7	905.6	1142.1	1673.3	2810.0	5045.0	8538.6	12578.0	16732.0	20075.4
-15°	694.7	751.9	850.8	1043.8	1430.6	2198.4	3591.8	6052.1	9359.9	12321.9	14963.8
-17.5°	670.8	726.8	800.2	922.0	1151.0	1644.0	2566.7	4012.4	5981.1	8144.5	9948.5
-20°	643.6	696.3	754.1	844.2	997.1	1242.3	1718.7	2562.7	3505.3	4847.3	5973.8



REPORT NUMBER: P559104 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	614.9	662.5	715.3	774.8	864.8	1019.8	1239.8	1630.2	2173.3	2709.7	3306.3
-25°	585.7	626.2	674.1	725.9	781.7	863.8	992.4	1144.4	1413.8	1622.7	1939.6
-27.5°	559.6	594.2	634.3	679.1	724.8	770.6	840.9	917.9	1032.2	1123.5	1278.5
-30°	535.2	563.5	597.7	635.5	673.4	711.9	752.2	797.1	839.7	885.6	951.2
-32.5°	516.0	535.7	562.0	593.2	623.6	655.7	687.9	720.2	744.5	769.5	794.7
-35°	498.7	514.4	530.8	555.1	579.9	604.7	631.3	660.3	684.9	702.9	715.8
-37.5°	484.6	496.2	509.7	523.3	542.8	562.9	585.1	607.0	626.0	643.1	656.9
-40°	472.3	480.3	491.5	502.1	514.0	524.8	542.4	559.9	573.3	584.7	595.0
-42.5°	461.5	468.9	476.2	485.0	493.1	500.8	509.2	516.5	524.2	532.4	538.0
-45°	450.9	458.3	464.8	471.3	476.9	482.8	487.9	491.3	494.7	497.1	498.3
-47.5°	442.0	448.2	454.5	459.9	464.7	469.3	472.9	475.0	476.6	477.2	477.2
-50°	431.8	439.1	444.7	450.0	454.8	458.7	461.9	463.5	464.3	464.5	464.0
-52.5°	419.1	426.6	433.7	440.0	444.6	449.0	452.7	453.7	454.3	454.6	454.7
-55°	405.3	413.0	419.9	426.5	432.5	437.6	441.4	443.2	444.3	444.9	445.4
-57.5°	388.2	397.7	405.9	411.9	417.9	423.9	428.2	430.8	432.9	434.4	435.5
-60°	368.2	378.2	386.3	393.6	400.4	406.6	411.6	415.8	419.2	422.0	424.6
-62.5°	344.9	354.7	363.1	370.9	378.2	384.5	390.8	396.5	401.5	405.9	410.0
-65°	314.4	324.4	334.3	343.6	352.1	358.3	364.9	371.0	376.8	381.4	384.8
-67.5°	281.9	290.9	300.1	309.1	317.2	324.5	331.7	338.2	344.0	348.0	350.5
-70°	245.8	254.6	262.7	270.0	276.8	283.8	290.9	297.5	303.5	307.4	309.7
-72.5°	206.5	215.1	222.6	229.0	234.8	240.5	246.0	251.1	255.8	259.4	262.0
-75°	164.7	171.9	178.4	184.4	189.8	194.8	199.1	202.9	206.2	209.4	212.2
-77.5°	123.0	128.9	134.6	139.7	144.3	148.1	151.4	154.2	156.7	159.7	162.4
-80°	86.0	90.3	94.3	98.1	101.5	104.3	106.6	108.5	110.1	111.8	113.2
-82.5°	55.1	57.9	60.5	62.8	64.8	66.6	68.1	69.4	70.6	71.6	72.4
-85°	31.4	32.7	34.0	35.4	36.8	37.8	38.6	39.4	40.0	40.6	41.1
-87.5°	14.2	14.1	13.9	13.7	13.4	13.7	13.9	14.1	14.3	14.4	14.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559104 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-TS-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°	14.7	14.7	14.8	14.8	14.8	14.7	14.7	14.6	14.4	14.3	14.1
85°	41.4	41.7	41.8	41.9	41.8	41.7	41.4	41.1	40.6	40.0	39.4
82.5°	73.1	73.5	73.8	73.9	73.8	73.5	73.1	72.4	71.6	70.6	69.4
80°	114.4	115.2	115.6	115.8	115.6	115.2	114.4	113.2	111.8	110.1	108.5
77.5°	164.7	166.6	167.3	167.6	167.3	166.6	164.7	162.4	159.7	156.7	154.2
75°	214.3	215.7	216.6	216.9	216.6	215.7	214.3	212.2	209.4	206.2	202.9
72.5°	263.8	264.9	267.0	268.6	267.0	264.9	263.8	262.0	259.4	255.8	251.1
70°	311.1	311.7	313.8	315.4	313.8	311.7	311.1	309.7	307.4	303.5	297.5
67.5°	352.3	353.5	353.4	352.4	353.4	353.5	352.3	350.5	348.0	344.0	338.2
65°	387.8	390.2	390.3	389.4	390.3	390.2	387.8	384.8	381.4	376.8	371.0
62.5°	413.8	417.2	418.6	418.9	418.6	417.2	413.8	410.0	405.9	401.5	396.5
60°	426.6	428.1	428.7	428.8	428.7	428.1	426.6	424.6	422.0	419.2	415.8
57.5°	436.0	436.0	436.1	436.2	436.1	436.0	436.0	435.5	434.4	432.9	430.8
55°	445.7	445.8	445.0	443.6	445.0	445.8	445.7	445.4	444.9	444.3	443.2
52.5°	454.3	453.5	452.4	451.0	452.4	453.5	454.3	454.7	454.6	454.3	453.7
50°	462.9	461.4	460.6	460.8	460.6	461.4	462.9	464.0	464.5	464.3	463.5
47.5°	476.7	475.7	475.3	475.6	475.3	475.7	476.7	477.2	477.2	476.6	475.0
45°	498.7	497.9	497.3	497.8	497.3	497.9	498.7	498.3	497.1	494.7	491.3
42.5°	541.0	541.4	541.1	542.2	541.1	541.4	541.0	538.0	532.4	524.2	516.5
40°	599.1	598.8	596.8	596.4	596.8	598.8	599.1	595.0	584.7	573.3	559.9
37.5°	662.6	662.7	660.6	660.5	660.6	662.7	662.6	656.9	643.1	626.0	607.0
35°	722.6	724.8	724.4	722.1	724.4	724.8	722.6	715.8	702.9	684.9	660.3
32.5°	812.6	826.4	833.6	830.5	833.6	826.4	812.6	794.7	769.5	744.5	720.2
30°	992.5	1027.9	1046.6	1054.8	1046.6	1027.9	992.5	951.2	885.6	839.7	797.1
27.5°	1389.4	1467.7	1502.9	1515.6	1502.9	1467.7	1389.4	1278.5	1123.5	1032.2	917.9
25°	2216.5	2393.4	2480.7	2508.7	2480.7	2393.4	2216.5	1939.6	1622.7	1413.8	1144.4
22.5°	3963.3	4304.0	4537.1	4588.7	4537.1	4304.0	3963.3	3306.3	2709.7	2173.3	1630.2
20°	7106.3	7765.3	8122.7	8090.6	8122.7	7765.3	7106.3	5973.8	4847.3	3505.3	2562.7
17.5°	11482.0	12327.0	12729.3	12541.2	12729.3	12327.0	11482.0	9948.5	8144.5	5981.1	4012.4
15°	16832.1	17973.8	18471.8	18625.8	18471.8	17973.8	16832.1	14963.8	12321.9	9359.9	6052.1
12.5°	23412.8	27155.4	28945.2	29424.7	28945.2	27155.4	23412.8	20075.4	16732.0	12578.0	8538.6
10°	32801.5	45381.9	52864.9	54692.1	52864.9	45381.9	32801.5	26619.5	20575.6	15526.8	10663.1
7.5°	53567.7	79132.1	107770.2	121331.5	107770.2	79132.1	53567.7	34271.7	25037.4	18145.2	12559.9
5°	81690.6	141780.7	208086.4	234079.5	208086.4	141780.7	81690.6	49374.9	30370.2	20404.4	13997.1
2.5°	115878.8	214077.9	305696.3	339849.6	305696.3	214077.9	115878.8	59837.5	34132.1	21779.0	14820.0
0°	130322.8	246808.0	336811.1	366067.0	336811.1	246808.0	130322.8	63191.7	34469.3	22243.5	15054.9
-2.5°	115878.8	214077.9	305696.3	339849.6	305696.3	214077.9	115878.8	59837.5	34132.1	21779.0	14820.0
-5°	81690.6	141780.7	208086.4	234079.5	208086.4	141780.7	81690.6	49374.9	30370.2	20404.4	13997.1
-7.5°	53567.7	79132.1	107770.2	121331.5	107770.2	79132.1	53567.7	34271.7	25037.4	18145.2	12559.9
-10°	32801.5	45381.9	52864.9	54692.1	52864.9	45381.9	32801.5	26619.5	20575.6	15526.8	10663.1
-12.5°	23412.8	27155.4	28945.2	29424.7	28945.2	27155.4	23412.8	20075.4	16732.0	12578.0	8538.6
-15°	16832.1	17973.8	18471.8	18625.8	18471.8	17973.8	16832.1	14963.8	12321.9	9359.9	6052.1
-17.5°	11482.0	12327.0	12729.3	12541.2	12729.3	12327.0	11482.0	9948.5	8144.5	5981.1	4012.4
-20°	7106.3	7765.3	8122.7	8090.6	8122.7	7765.3	7106.3	5973.8	4847.3	3505.3	2562.7



REPORT NUMBER: P559104 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3963.3	4304.0	4537.1	4588.7	4537.1	4304.0	3963.3	3306.3	2709.7	2173.3	1630.2
-25°	2216.5	2393.4	2480.7	2508.7	2480.7	2393.4	2216.5	1939.6	1622.7	1413.8	1144.4
-27.5°	1389.4	1467.7	1502.9	1515.6	1502.9	1467.7	1389.4	1278.5	1123.5	1032.2	917.9
-30°	992.5	1027.9	1046.6	1054.8	1046.6	1027.9	992.5	951.2	885.6	839.7	797.1
-32.5°	812.6	826.4	833.6	830.5	833.6	826.4	812.6	794.7	769.5	744.5	720.2
-35°	722.6	724.8	724.4	722.1	724.4	724.8	722.6	715.8	702.9	684.9	660.3
-37.5°	662.6	662.7	660.6	660.5	660.6	662.7	662.6	656.9	643.1	626.0	607.0
-40°	599.1	598.8	596.8	596.4	596.8	598.8	599.1	595.0	584.7	573.3	559.9
-42.5°	541.0	541.4	541.1	542.2	541.1	541.4	541.0	538.0	532.4	524.2	516.5
-45°	498.7	497.9	497.3	497.8	497.3	497.9	498.7	498.3	497.1	494.7	491.3
-47.5°	476.7	475.7	475.3	475.6	475.3	475.7	476.7	477.2	477.2	476.6	475.0
-50°	462.9	461.4	460.6	460.8	460.6	461.4	462.9	464.0	464.5	464.3	463.5
-52.5°	454.3	453.5	452.4	451.0	452.4	453.5	454.3	454.7	454.6	454.3	453.7
-55°	445.7	445.8	445.0	443.6	445.0	445.8	445.7	445.4	444.9	444.3	443.2
-57.5°	436.0	436.0	436.1	436.2	436.1	436.0	436.0	435.5	434.4	432.9	430.8
-60°	426.6	428.1	428.7	428.8	428.7	428.1	426.6	424.6	422.0	419.2	415.8
-62.5°	413.8	417.2	418.6	418.9	418.6	417.2	413.8	410.0	405.9	401.5	396.5
-65°	387.8	390.2	390.3	389.4	390.3	390.2	387.8	384.8	381.4	376.8	371.0
-67.5°	352.3	353.5	353.4	352.4	353.4	353.5	352.3	350.5	348.0	344.0	338.2
-70°	311.1	311.7	313.8	315.4	313.8	311.7	311.1	309.7	307.4	303.5	297.5
-72.5°	263.8	264.9	267.0	268.6	267.0	264.9	263.8	262.0	259.4	255.8	251.1
-75°	214.3	215.7	216.6	216.9	216.6	215.7	214.3	212.2	209.4	206.2	202.9
-77.5°	164.7	166.6	167.3	167.6	167.3	166.6	164.7	162.4	159.7	156.7	154.2
-80°	114.4	115.2	115.6	115.8	115.6	115.2	114.4	113.2	111.8	110.1	108.5
-82.5°	73.1	73.5	73.8	73.9	73.8	73.5	73.1	72.4	71.6	70.6	69.4
-85°	41.4	41.7	41.8	41.9	41.8	41.7	41.4	41.1	40.6	40.0	39.4
-87.5°	14.7	14.7	14.8	14.8	14.8	14.7	14.7	14.6	14.4	14.3	14.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559104 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-TS-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°	13.9	13.7	13.4	13.7	13.9	14.1	14.2	13.7	13.3	12.8	12.2
85°	38.6	37.8	36.8	35.4	34.0	32.7	31.4	29.9	28.4	26.9	25.5
82.5°	68.1	66.6	64.8	62.8	60.5	57.9	55.1	52.0	48.7	45.1	41.4
80°	106.6	104.3	101.5	98.1	94.3	90.3	86.0	81.6	76.6	71.8	67.4
77.5°	151.4	148.1	144.3	139.7	134.6	128.9	123.0	117.8	112.5	106.5	99.6
75°	199.1	194.8	189.8	184.4	178.4	171.9	164.7	157.0	149.2	141.5	133.2
72.5°	246.0	240.5	234.8	229.0	222.6	215.1	206.5	197.0	186.9	176.4	165.8
70°	290.9	283.8	276.8	270.0	262.7	254.6	245.8	236.0	225.5	213.6	200.5
67.5°	331.7	324.5	317.2	309.1	300.1	290.9	281.9	272.6	261.6	249.1	234.5
65°	364.9	358.3	352.1	343.6	334.3	324.4	314.4	303.8	292.8	281.3	267.5
62.5°	390.8	384.5	378.2	370.9	363.1	354.7	344.9	333.1	321.2	308.7	294.5
60°	411.6	406.6	400.4	393.6	386.3	378.2	368.2	358.1	347.9	334.2	319.9
57.5°	428.2	423.9	417.9	411.9	405.9	397.7	388.2	378.2	367.1	356.2	343.8
55°	441.4	437.6	432.5	426.5	419.9	413.0	405.3	395.9	385.1	374.8	362.4
52.5°	452.7	449.0	444.6	440.0	433.7	426.6	419.1	410.4	401.6	391.0	379.5
50°	461.9	458.7	454.8	450.0	444.7	439.1	431.8	423.5	415.5	405.8	394.6
47.5°	472.9	469.3	464.7	459.9	454.5	448.2	442.0	435.9	427.9	419.4	408.3
45°	487.9	482.8	476.9	471.3	464.8	458.3	450.9	445.1	439.0	430.6	421.3
42.5°	509.2	500.8	493.1	485.0	476.2	468.9	461.5	454.7	448.1	440.8	431.2
40°	542.4	524.8	514.0	502.1	491.5	480.3	472.3	464.2	457.0	449.8	440.5
37.5°	585.1	562.9	542.8	523.3	509.7	496.2	484.6	474.8	465.2	457.5	448.2
35°	631.3	604.7	579.9	555.1	530.8	514.4	498.7	486.4	475.3	464.7	455.6
32.5°	687.9	655.7	623.6	593.2	562.0	535.7	516.0	498.7	484.9	473.0	462.4
30°	752.2	711.9	673.4	635.5	597.7	563.5	535.2	513.3	495.3	481.0	469.4
27.5°	840.9	770.6	724.8	679.1	634.3	594.2	559.6	529.1	506.3	489.6	476.1
25°	992.4	863.8	781.7	725.9	674.1	626.2	585.7	549.8	520.1	498.0	481.1
22.5°	1239.8	1019.8	864.8	774.8	715.3	662.5	614.9	571.6	532.8	506.0	486.9
20°	1718.7	1242.3	997.1	844.2	754.1	696.3	643.6	594.6	549.6	514.8	491.9
17.5°	2566.7	1644.0	1151.0	922.0	800.2	726.8	670.8	615.8	565.4	522.0	495.9
15°	3591.8	2198.4	1430.6	1043.8	850.8	751.9	694.7	634.9	580.6	531.6	501.3
12.5°	5045.0	2810.0	1673.3	1142.1	905.6	782.7	714.9	653.8	594.7	541.9	505.8
10°	6256.2	3537.8	2059.0	1323.9	978.8	815.3	729.6	665.1	602.7	549.2	508.9
7.5°	7775.6	4348.1	2403.0	1458.9	1034.4	838.7	738.5	671.1	607.0	553.7	510.4
5°	8735.0	4883.8	2632.9	1560.5	1075.5	854.4	744.8	673.5	607.8	555.6	510.7
2.5°	9410.1	5159.3	2737.7	1616.2	1098.9	861.4	747.9	675.0	610.8	557.2	513.4
0°	9522.4	5369.9	2752.7	1629.0	1101.6	857.6	746.7	675.2	613.6	557.0	515.1
-2.5°	9410.1	5159.3	2737.7	1616.2	1098.9	861.4	747.9	675.0	610.8	557.2	513.4
-5°	8735.0	4883.8	2632.9	1560.5	1075.5	854.4	744.8	673.5	607.8	555.6	510.7
-7.5°	7775.6	4348.1	2403.0	1458.9	1034.4	838.7	738.5	671.1	607.0	553.7	510.4
-10°	6256.2	3537.8	2059.0	1323.9	978.8	815.3	729.6	665.1	602.7	549.2	508.9
-12.5°	5045.0	2810.0	1673.3	1142.1	905.6	782.7	714.9	653.8	594.7	541.9	505.8
-15°	3591.8	2198.4	1430.6	1043.8	850.8	751.9	694.7	634.9	580.6	531.6	501.3
-17.5°	2566.7	1644.0	1151.0	922.0	800.2	726.8	670.8	615.8	565.4	522.0	495.9
-20°	1718.7	1242.3	997.1	844.2	754.1	696.3	643.6	594.6	549.6	514.8	491.9



REPORT NUMBER: P559104 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1239.8	1019.8	864.8	774.8	715.3	662.5	614.9	571.6	532.8	506.0	486.9
-25°	992.4	863.8	781.7	725.9	674.1	626.2	585.7	549.8	520.1	498.0	481.1
-27.5°	840.9	770.6	724.8	679.1	634.3	594.2	559.6	529.1	506.3	489.6	476.1
-30°	752.2	711.9	673.4	635.5	597.7	563.5	535.2	513.3	495.3	481.0	469.4
-32.5°	687.9	655.7	623.6	593.2	562.0	535.7	516.0	498.7	484.9	473.0	462.4
-35°	631.3	604.7	579.9	555.1	530.8	514.4	498.7	486.4	475.3	464.7	455.6
-37.5°	585.1	562.9	542.8	523.3	509.7	496.2	484.6	474.8	465.2	457.5	448.2
-40°	542.4	524.8	514.0	502.1	491.5	480.3	472.3	464.2	457.0	449.8	440.5
-42.5°	509.2	500.8	493.1	485.0	476.2	468.9	461.5	454.7	448.1	440.8	431.2
-45°	487.9	482.8	476.9	471.3	464.8	458.3	450.9	445.1	439.0	430.6	421.3
-47.5°	472.9	469.3	464.7	459.9	454.5	448.2	442.0	435.9	427.9	419.4	408.3
-50°	461.9	458.7	454.8	450.0	444.7	439.1	431.8	423.5	415.5	405.8	394.6
-52.5°	452.7	449.0	444.6	440.0	433.7	426.6	419.1	410.4	401.6	391.0	379.5
-55°	441.4	437.6	432.5	426.5	419.9	413.0	405.3	395.9	385.1	374.8	362.4
-57.5°	428.2	423.9	417.9	411.9	405.9	397.7	388.2	378.2	367.1	356.2	343.8
-60°	411.6	406.6	400.4	393.6	386.3	378.2	368.2	358.1	347.9	334.2	319.9
-62.5°	390.8	384.5	378.2	370.9	363.1	354.7	344.9	333.1	321.2	308.7	294.5
-65°	364.9	358.3	352.1	343.6	334.3	324.4	314.4	303.8	292.8	281.3	267.5
-67.5°	331.7	324.5	317.2	309.1	300.1	290.9	281.9	272.6	261.6	249.1	234.5
-70°	290.9	283.8	276.8	270.0	262.7	254.6	245.8	236.0	225.5	213.6	200.5
-72.5°	246.0	240.5	234.8	229.0	222.6	215.1	206.5	197.0	186.9	176.4	165.8
-75°	199.1	194.8	189.8	184.4	178.4	171.9	164.7	157.0	149.2	141.5	133.2
-77.5°	151.4	148.1	144.3	139.7	134.6	128.9	123.0	117.8	112.5	106.5	99.6
-80°	106.6	104.3	101.5	98.1	94.3	90.3	86.0	81.6	76.6	71.8	67.4
-82.5°	68.1	66.6	64.8	62.8	60.5	57.9	55.1	52.0	48.7	45.1	41.4
-85°	38.6	37.8	36.8	35.4	34.0	32.7	31.4	29.9	28.4	26.9	25.5
-87.5°	13.9	13.7	13.4	13.7	13.9	14.1	14.2	13.7	13.3	12.8	12.2
-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: P559104 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-TS-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°	11.7	11.1	10.5	9.9	9.3	8.6	8.0	7.3	6.6	5.9	5.2
85°	24.4	23.3	22.0	20.5	19.0	17.3	16.0	14.6	13.2	11.8	10.4
82.5°	38.5	36.7	35.0	33.2	31.6	29.6	27.2	24.5	21.1	17.9	15.6
80°	63.4	59.1	54.7	50.1	45.8	41.9	39.2	35.8	31.1	26.6	22.3
77.5°	92.0	84.6	77.2	70.9	64.2	58.1	52.5	47.2	41.0	35.3	29.7
75°	123.7	113.9	104.3	94.6	84.3	74.1	66.5	59.4	51.9	44.0	37.0
72.5°	155.1	143.8	131.8	119.3	107.4	95.2	82.8	71.5	63.1	54.1	44.7
70°	187.1	173.9	160.5	146.0	131.1	116.4	102.3	88.1	74.3	64.2	53.7
67.5°	219.1	203.6	188.3	172.4	155.6	138.7	121.8	105.4	89.5	74.2	62.6
65°	250.6	233.0	215.1	197.8	179.6	160.7	141.9	122.7	104.4	87.2	71.4
62.5°	279.3	262.4	242.8	223.2	203.3	182.7	161.4	140.5	119.3	99.9	81.6
60°	304.6	287.4	269.6	248.8	226.9	204.6	181.5	158.0	135.0	112.1	92.1
57.5°	327.7	311.1	292.6	272.8	250.3	226.2	201.2	175.7	150.4	125.4	102.3
55°	349.0	332.2	314.5	294.3	272.2	247.3	220.6	193.2	165.6	138.8	112.3
52.5°	366.2	351.4	333.9	314.5	292.1	267.5	239.6	210.3	180.9	151.7	123.6
50°	381.9	368.0	351.6	332.2	311.0	285.5	258.2	227.2	195.8	164.4	134.7
47.5°	396.1	382.7	367.1	348.8	327.0	303.0	274.7	243.7	210.1	177.2	145.3
45°	408.7	395.7	381.1	363.1	342.5	317.9	290.1	259.7	224.5	189.5	155.5
42.5°	420.3	407.1	392.9	377.2	355.7	331.8	304.9	273.4	238.4	201.4	165.6
40°	429.5	417.3	403.8	387.6	368.2	345.3	317.5	286.3	251.8	212.9	175.4
37.5°	438.1	426.0	412.6	397.4	379.4	356.2	329.3	298.5	263.9	224.1	184.8
35°	445.2	433.7	420.4	405.7	388.0	366.5	340.7	309.6	274.1	234.6	193.7
32.5°	451.8	440.4	426.9	412.3	396.3	376.4	350.4	319.0	283.6	244.4	202.1
30°	458.0	445.7	433.0	418.4	403.3	383.6	358.6	327.8	292.5	253.4	209.9
27.5°	463.1	450.2	438.3	423.7	408.5	390.2	366.1	336.0	300.8	261.4	217.2
25°	467.8	454.5	442.1	428.4	413.0	396.2	373.0	343.4	307.7	268.0	223.9
22.5°	472.1	458.3	445.2	432.7	417.0	401.8	378.7	349.0	313.8	274.1	230.0
20°	475.8	461.8	447.8	436.0	420.4	405.1	383.3	354.1	319.2	279.5	235.3
17.5°	479.1	464.7	450.4	437.9	423.3	408.0	387.4	358.7	323.9	284.2	240.0
15°	482.1	466.9	452.7	439.5	425.6	410.3	391.0	362.7	327.9	288.3	244.1
12.5°	484.5	468.5	454.4	440.7	427.4	412.2	394.2	366.1	331.3	291.7	247.4
10°	486.5	469.3	455.7	441.6	428.6	413.7	396.8	368.8	334.0	294.4	250.1
7.5°	487.8	469.6	456.5	442.0	429.5	414.8	398.4	370.7	335.9	296.4	252.0
5°	489.0	470.2	457.4	442.8	430.5	415.7	399.3	371.9	337.2	297.7	253.3
2.5°	491.4	471.9	458.2	443.4	431.1	416.3	399.5	372.3	337.8	298.3	253.9
0°	492.9	473.2	458.4	443.6	431.3	416.5	399.2	372.1	337.6	298.2	253.8
-2.5°	491.4	471.9	458.2	443.4	431.1	416.3	399.5	372.3	337.8	298.3	253.9
-5°	489.0	470.2	457.4	442.8	430.5	415.7	399.3	371.9	337.2	297.7	253.3
-7.5°	487.8	469.6	456.5	442.0	429.5	414.8	398.4	370.7	335.9	296.4	252.0
-10°	486.5	469.3	455.7	441.6	428.6	413.7	396.8	368.8	334.0	294.4	250.1
-12.5°	484.5	468.5	454.4	440.7	427.4	412.2	394.2	366.1	331.3	291.7	247.4
-15°	482.1	466.9	452.7	439.5	425.6	410.3	391.0	362.7	327.9	288.3	244.1
-17.5°	479.1	464.7	450.4	437.9	423.3	408.0	387.4	358.7	323.9	284.2	240.0
-20°	475.8	461.8	447.8	436.0	420.4	405.1	383.3	354.1	319.2	279.5	235.3



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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°	472.1	458.3	445.2	432.7	417.0	401.8	378.7	349.0	313.8	274.1	230.0
-25°	467.8	454.5	442.1	428.4	413.0	396.2	373.0	343.4	307.7	268.0	223.9
-27.5°	463.1	450.2	438.3	423.7	408.5	390.2	366.1	336.0	300.8	261.4	217.2
-30°	458.0	445.7	433.0	418.4	403.3	383.6	358.6	327.8	292.5	253.4	209.9
-32.5°	451.8	440.4	426.9	412.3	396.3	376.4	350.4	319.0	283.6	244.4	202.1
-35°	445.2	433.7	420.4	405.7	388.0	366.5	340.7	309.6	274.1	234.6	193.7
-37.5°	438.1	426.0	412.6	397.4	379.4	356.2	329.3	298.5	263.9	224.1	184.8
-40°	429.5	417.3	403.8	387.6	368.2	345.3	317.5	286.3	251.8	212.9	175.4
-42.5°	420.3	407.1	392.9	377.2	355.7	331.8	304.9	273.4	238.4	201.4	165.6
-45°	408.7	395.7	381.1	363.1	342.5	317.9	290.1	259.7	224.5	189.5	155.5
-47.5°	396.1	382.7	367.1	348.8	327.0	303.0	274.7	243.7	210.1	177.2	145.3
-50°	381.9	368.0	351.6	332.2	311.0	285.5	258.2	227.2	195.8	164.4	134.7
-52.5°	366.2	351.4	333.9	314.5	292.1	267.5	239.6	210.3	180.9	151.7	123.6
-55°	349.0	332.2	314.5	294.3	272.2	247.3	220.6	193.2	165.6	138.8	112.3
-57.5°	327.7	311.1	292.6	272.8	250.3	226.2	201.2	175.7	150.4	125.4	102.3
-60°	304.6	287.4	269.6	248.8	226.9	204.6	181.5	158.0	135.0	112.1	92.1
-62.5°	279.3	262.4	242.8	223.2	203.3	182.7	161.4	140.5	119.3	99.9	81.6
-65°	250.6	233.0	215.1	197.8	179.6	160.7	141.9	122.7	104.4	87.2	71.4
-67.5°	219.1	203.6	188.3	172.4	155.6	138.7	121.8	105.4	89.5	74.2	62.6
-70°	187.1	173.9	160.5	146.0	131.1	116.4	102.3	88.1	74.3	64.2	53.7
-72.5°	155.1	143.8	131.8	119.3	107.4	95.2	82.8	71.5	63.1	54.1	44.7
-75°	123.7	113.9	104.3	94.6	84.3	74.1	66.5	59.4	51.9	44.0	37.0
-77.5°	92.0	84.6	77.2	70.9	64.2	58.1	52.5	47.2	41.0	35.3	29.7
-80°	63.4	59.1	54.7	50.1	45.8	41.9	39.2	35.8	31.1	26.6	22.3
-82.5°	38.5	36.7	35.0	33.2	31.6	29.6	27.2	24.5	21.1	17.9	15.6
-85°	24.4	23.3	22.0	20.5	19.0	17.3	16.0	14.6	13.2	11.8	10.4
-87.5°	11.7	11.1	10.5	9.9	9.3	8.6	8.0	7.3	6.6	5.9	5.2
-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°	4.5	3.9	3.2	2.5	1.7	0.9	0.0
85°	9.0	7.7	6.4	5.0	3.4	1.7	0.0
82.5°	13.4	11.6	9.6	7.5	5.1	2.6	0.0
80°	18.1	15.5	12.8	9.9	6.8	3.4	0.0
77.5°	24.4	19.8	16.0	12.4	8.5	4.3	0.0
75°	30.6	25.0	19.3	14.8	10.2	5.1	0.0
72.5°	36.8	30.2	23.5	17.3	11.8	5.9	0.0
70°	43.1	35.3	27.6	19.8	13.5	6.7	0.0
67.5°	50.9	40.3	31.6	22.8	15.1	7.5	0.0
65°	58.4	45.9	35.6	25.8	16.6	8.3	0.0
62.5°	65.9	52.0	39.5	28.7	18.2	9.1	0.0
60°	73.1	58.0	43.3	31.6	19.7	9.8	0.0
57.5°	81.7	63.7	47.8	34.4	21.5	10.6	0.0
55°	90.3	69.4	52.3	37.1	23.3	11.3	0.0
52.5°	98.6	75.0	56.6	39.8	25.0	12.0	0.0
50°	106.7	81.8	60.7	42.4	26.7	12.7	0.0
47.5°	114.7	88.2	64.7	45.0	28.4	13.3	0.0
45°	123.4	94.5	68.5	47.8	29.9	13.9	0.0
42.5°	131.7	100.5	72.2	50.5	31.4	14.5	0.0
40°	139.5	106.2	76.2	53.1	32.8	15.1	0.0
37.5°	147.0	111.6	80.5	55.5	34.2	15.6	0.0
35°	153.9	117.2	84.6	57.7	35.4	16.1	0.0
32.5°	160.6	122.7	88.5	59.7	36.6	16.6	0.0
30°	167.3	127.7	92.1	61.6	37.8	17.1	0.0
27.5°	173.4	132.4	95.3	63.4	38.8	17.5	0.0
25°	179.1	136.7	98.3	64.9	39.8	17.9	0.0
22.5°	184.2	140.6	101.1	66.3	40.6	18.2	0.0
20°	188.8	144.1	103.6	67.6	41.4	18.5	0.0
17.5°	193.0	147.3	105.8	68.7	42.1	18.8	0.0
15°	196.7	150.0	107.8	69.6	42.7	19.0	0.0
12.5°	199.8	152.4	109.5	70.3	43.2	19.2	0.0
10°	202.4	154.3	110.9	70.9	43.6	19.4	0.0
7.5°	204.4	155.8	112.0	71.3	44.0	19.5	0.0
5°	205.8	156.8	112.8	71.5	44.2	19.6	0.0
2.5°	206.7	157.5	113.2	71.6	44.4	19.7	0.0
0°	207.0	157.7	113.4	71.5	44.4	19.7	0.0
-2.5°	206.7	157.5	113.2	71.6	44.4	19.7	0.0
-5°	205.8	156.8	112.8	71.5	44.2	19.6	0.0
-7.5°	204.4	155.8	112.0	71.3	44.0	19.5	0.0
-10°	202.4	154.3	110.9	70.9	43.6	19.4	0.0
-12.5°	199.8	152.4	109.5	70.3	43.2	19.2	0.0
-15°	196.7	150.0	107.8	69.6	42.7	19.0	0.0
-17.5°	193.0	147.3	105.8	68.7	42.1	18.8	0.0
-20°	188.8	144.1	103.6	67.6	41.4	18.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	184.2	140.6	101.1	66.3	40.6	18.2	0.0
-25°	179.1	136.7	98.3	64.9	39.8	17.9	0.0
-27.5°	173.4	132.4	95.3	63.4	38.8	17.5	0.0
-30°	167.3	127.7	92.1	61.6	37.8	17.1	0.0
-32.5°	160.6	122.7	88.5	59.7	36.6	16.6	0.0
-35°	153.9	117.2	84.6	57.7	35.4	16.1	0.0
-37.5°	147.0	111.6	80.5	55.5	34.2	15.6	0.0
-40°	139.5	106.2	76.2	53.1	32.8	15.1	0.0
-42.5°	131.7	100.5	72.2	50.5	31.4	14.5	0.0
-45°	123.4	94.5	68.5	47.8	29.9	13.9	0.0
-47.5°	114.7	88.2	64.7	45.0	28.4	13.3	0.0
-50°	106.7	81.8	60.7	42.4	26.7	12.7	0.0
-52.5°	98.6	75.0	56.6	39.8	25.0	12.0	0.0
-55°	90.3	69.4	52.3	37.1	23.3	11.3	0.0
-57.5°	81.7	63.7	47.8	34.4	21.5	10.6	0.0
-60°	73.1	58.0	43.3	31.6	19.7	9.8	0.0
-62.5°	65.9	52.0	39.5	28.7	18.2	9.1	0.0
-65°	58.4	45.9	35.6	25.8	16.6	8.3	0.0
-67.5°	50.9	40.3	31.6	22.8	15.1	7.5	0.0
-70°	43.1	35.3	27.6	19.8	13.5	6.7	0.0
-72.5°	36.8	30.2	23.5	17.3	11.8	5.9	0.0
-75°	30.6	25.0	19.3	14.8	10.2	5.1	0.0
-77.5°	24.4	19.8	16.0	12.4	8.5	4.3	0.0
-80°	18.1	15.5	12.8	9.9	6.8	3.4	0.0
-82.5°	13.4	11.6	9.6	7.5	5.1	2.6	0.0
-85°	9.0	7.7	6.4	5.0	3.4	1.7	0.0
-87.5°	4.5	3.9	3.2	2.5	1.7	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)