

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: P559008 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-927-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559008 (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-SA5B-927-U-TS-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

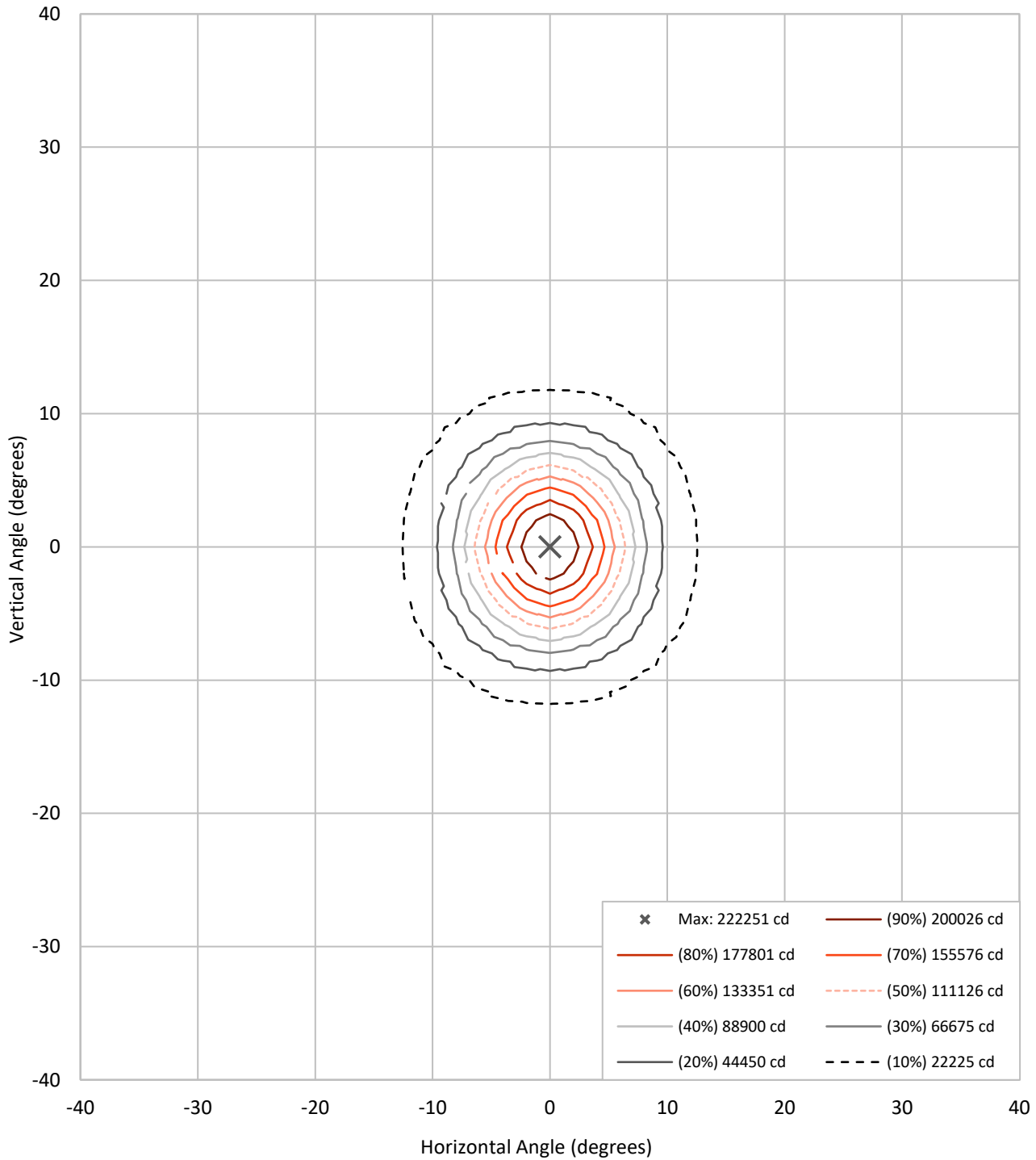
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	16110.3 lumens	Max Intensity:	222251 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	104.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	5090.6 lumens	Field Lumens:	11277.4 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 154
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





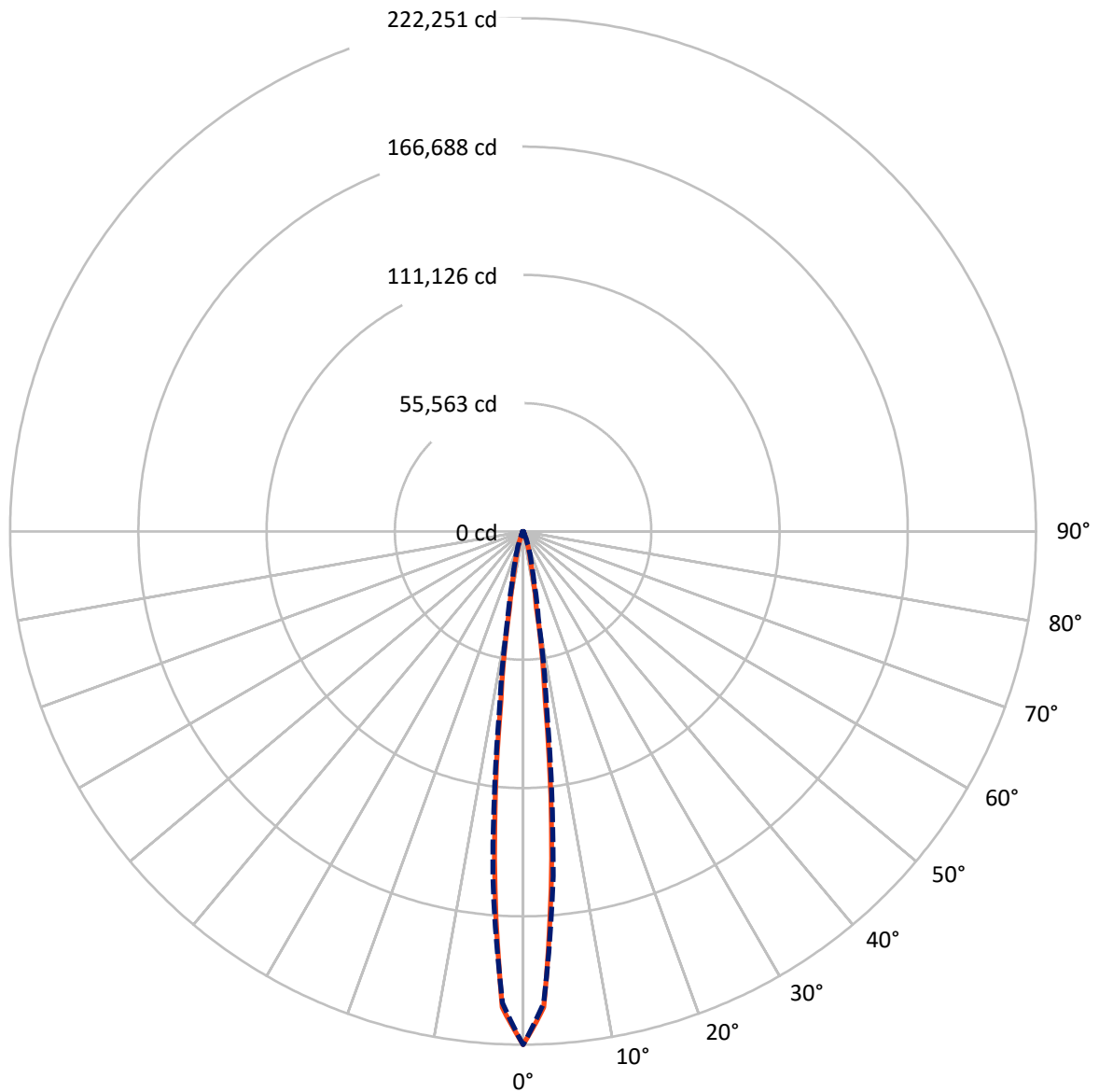
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Lumen Table

90	0.2		1.9		5.2		8.3		9.6		8.3		5.2		1.9		0.2		
80	0.2		1.9		5.2		8.3		9.6		8.3		5.2		1.9		0.2		
70	0.8	1.0	2.1	3.4	4.7	5.8	6.6	7.0	7.0	6.6	5.8	4.7	3.4	2.1	1.0	0.8			
60		1.5	3.1	4.7	6.1	7.2	7.9	8.2	8.2	7.9	7.2	6.1	4.7	3.1	1.5				
50	1.6	2.0	3.8	5.5	6.8	8.0	9.0	9.4	9.4	9.0	8.0	6.8	5.5	3.8	2.0	1.6			
40		2.4	4.3	5.9	7.6	9.8	12.3	13.9	13.9	12.3	9.8	7.6	5.9	4.3	2.4				
30	2.1	2.7	4.5	6.3	9.0	13.9	30.9	56.2	56.2	30.9	13.9	9.0	6.3	4.5	2.7	2.1			
20		2.8	4.7	6.7	10.6	29.9	168.9	371.6	371.6	168.9	29.9	10.6	6.7	4.7	2.8				
10	2.3	2.9	4.7	6.9	11.8	57.4	405.5	2623.4	2623.4	405.5	57.4	11.8	6.9	4.7	2.9	2.3			
0		2.9	4.7	6.9	11.8	57.4	405.5	2623.4	2623.4	405.5	57.4	11.8	6.9	4.7	2.9				
-10	2.1	2.8	4.7	6.7	10.6	29.9	168.9	371.6	371.6	168.9	29.9	10.6	6.7	4.7	2.8	2.1			
-20		2.7	4.5	6.3	9.0	13.9	30.9	56.2	56.2	30.9	13.9	9.0	6.3	4.5	2.7				
-30	1.6	2.4	4.3	5.9	7.6	9.8	12.3	13.9	13.9	12.3	9.8	7.6	5.9	4.3	2.4	1.6			
-40		2.0	3.8	5.5	6.8	8.0	9.0	9.4	9.4	9.0	8.0	6.8	5.5	3.8	2.0				
-50	0.8	1.5	3.1	4.7	6.1	7.2	7.9	8.2	8.2	7.9	7.2	6.1	4.7	3.1	1.5	0.8			
-60		1.0	2.1	3.4	4.7	5.8	6.6	7.0	7.0	6.6	5.8	4.7	3.4	2.1	1.0				
-70	0.2		1.9		5.2		8.3		9.6		8.3		5.2		1.9		0.2		
-80	0.2		1.9		5.2		8.3		9.6		8.3		5.2		1.9		0.2		
-90	0.2		1.9		5.2		8.3		9.6		8.3		5.2		1.9		0.2		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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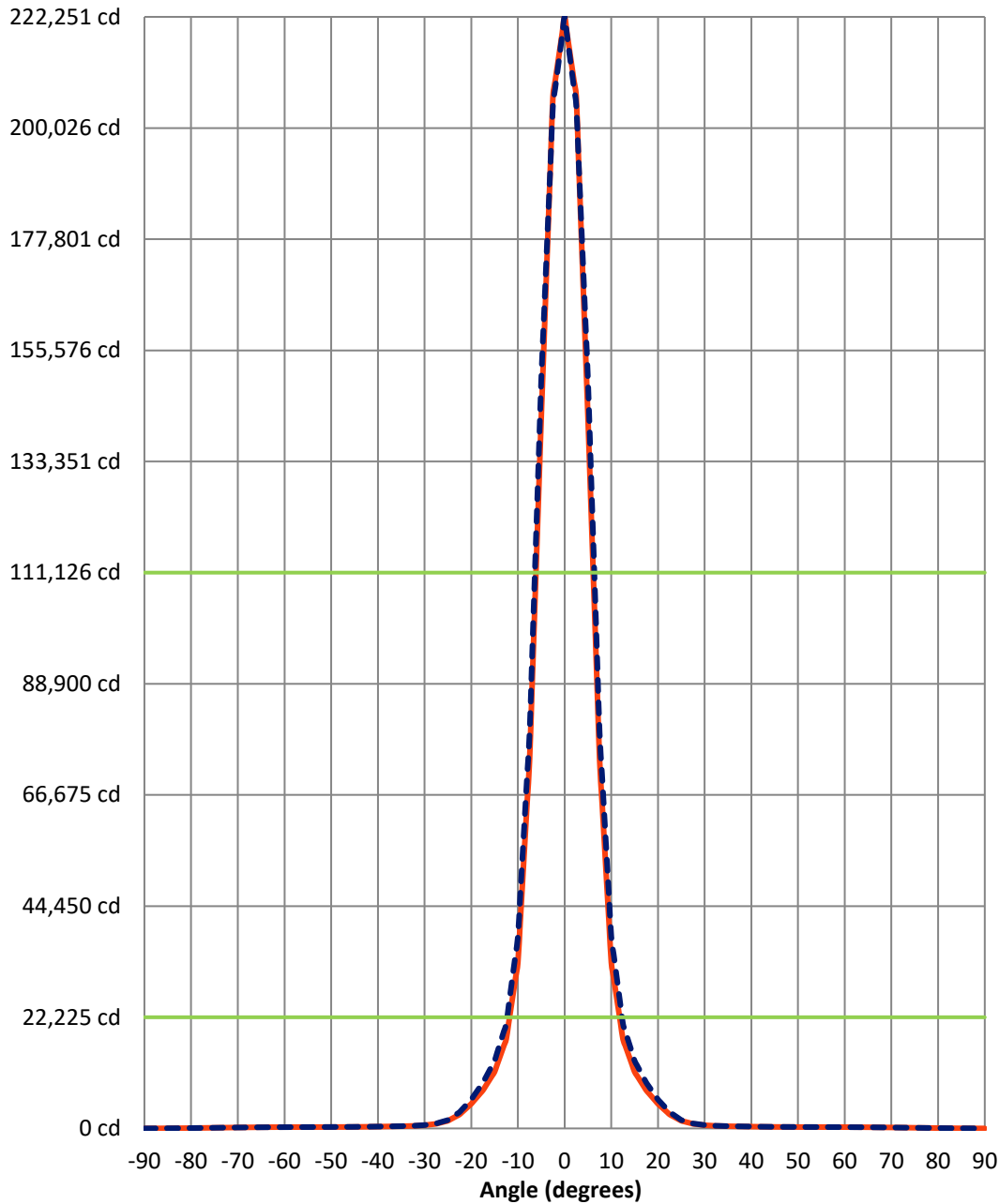
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 5090.6
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 11277.4
Efficiency: 70.0%

Spill:
Lumens: 4832.9
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	0.5	1.0	1.5	2.0	2.4	2.7	3.2	3.6	4.0	4.4
85°	0.0	1.0	2.1	3.0	3.9	4.7	5.4	6.3	7.2	8.0	8.9
82.5°	0.0	1.6	3.1	4.5	5.9	7.1	8.1	9.4	10.9	12.8	14.8
80°	0.0	2.1	4.2	6.0	7.8	9.4	11.0	13.5	16.1	18.9	21.7
77.5°	0.0	2.6	5.2	7.5	9.7	12.0	14.8	18.0	21.4	24.9	28.6
75°	0.0	3.1	6.2	9.0	11.8	15.2	18.6	22.4	26.6	31.5	36.1
72.5°	0.0	3.6	7.2	10.5	14.3	18.3	22.3	27.1	32.8	38.3	43.5
70°	0.0	4.1	8.2	12.0	16.7	21.4	26.1	32.6	39.0	45.1	53.5
67.5°	0.0	4.6	9.2	13.9	19.2	24.4	30.9	38.0	45.1	54.4	64.0
65°	0.0	5.1	10.1	15.7	21.6	27.8	35.5	43.4	53.0	63.4	74.5
62.5°	0.0	5.5	11.1	17.4	23.9	31.5	40.0	49.5	60.6	72.4	85.3
60°	0.0	6.0	12.0	19.2	26.2	35.2	44.4	55.9	68.0	82.0	95.9
57.5°	0.0	6.4	13.1	20.9	29.0	38.7	49.6	62.1	76.1	91.3	106.7
55°	0.0	6.9	14.2	22.5	31.7	42.1	54.8	68.1	84.2	100.5	117.3
52.5°	0.0	7.3	15.2	24.1	34.3	45.6	59.9	75.0	92.1	109.9	127.7
50°	0.0	7.7	16.2	25.7	36.9	49.7	64.8	81.8	99.9	118.9	138.0
47.5°	0.0	8.1	17.2	27.2	39.3	53.6	69.6	88.2	107.6	127.6	148.0
45°	0.0	8.5	18.2	29.0	41.6	57.4	74.9	94.4	115.1	136.3	157.7
42.5°	0.0	8.8	19.1	30.7	43.8	61.0	79.9	100.6	122.3	144.8	166.0
40°	0.0	9.2	19.9	32.2	46.3	64.4	84.7	106.6	129.3	152.9	173.8
37.5°	0.0	9.5	20.7	33.6	48.9	67.7	89.2	112.3	136.1	160.2	181.2
35°	0.0	9.8	21.5	35.0	51.4	71.1	93.5	117.6	142.4	166.4	187.9
32.5°	0.0	10.1	22.2	36.3	53.7	74.4	97.6	122.7	148.4	172.2	193.7
30°	0.0	10.4	22.9	37.4	55.9	77.5	101.6	127.5	153.9	177.6	199.0
27.5°	0.0	10.6	23.5	38.5	57.9	80.4	105.3	131.9	158.7	182.6	204.0
25°	0.0	10.9	24.1	39.4	59.7	83.0	108.8	136.0	162.7	186.8	208.5
22.5°	0.0	11.1	24.6	40.3	61.4	85.4	111.9	139.6	166.4	190.5	211.9
20°	0.0	11.3	25.1	41.0	62.9	87.5	114.7	142.9	169.6	193.7	215.0
17.5°	0.0	11.4	25.5	41.7	64.2	89.5	117.2	145.7	172.5	196.6	217.8
15°	0.0	11.6	25.9	42.2	65.4	91.1	119.5	148.2	175.0	199.1	220.2
12.5°	0.0	11.7	26.2	42.7	66.4	92.6	121.4	150.2	177.0	201.1	222.3
10°	0.0	11.8	26.4	43.0	67.3	93.7	122.9	151.8	178.7	202.8	223.9
7.5°	0.0	11.9	26.6	43.3	67.9	94.6	124.1	153.0	179.9	204.0	225.0
5°	0.0	12.0	26.8	43.4	68.4	95.3	125.0	153.8	180.7	204.8	225.7
2.5°	0.0	12.0	26.9	43.5	68.7	95.7	125.5	154.1	181.1	205.1	226.0
0°	0.0	12.0	26.9	43.4	68.8	95.8	125.7	154.1	181.0	205.0	225.9
-2.5°	0.0	12.0	26.9	43.5	68.7	95.7	125.5	154.1	181.1	205.1	226.0
-5°	0.0	12.0	26.8	43.4	68.4	95.3	125.0	153.8	180.7	204.8	225.7
-7.5°	0.0	11.9	26.6	43.3	67.9	94.6	124.1	153.0	179.9	204.0	225.0
-10°	0.0	11.8	26.4	43.0	67.3	93.7	122.9	151.8	178.7	202.8	223.9
-12.5°	0.0	11.7	26.2	42.7	66.4	92.6	121.4	150.2	177.0	201.1	222.3
-15°	0.0	11.6	25.9	42.2	65.4	91.1	119.5	148.2	175.0	199.1	220.2
-17.5°	0.0	11.4	25.5	41.7	64.2	89.5	117.2	145.7	172.5	196.6	217.8
-20°	0.0	11.3	25.1	41.0	62.9	87.5	114.7	142.9	169.6	193.7	215.0



REPORT NUMBER: P559008 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	11.1	24.6	40.3	61.4	85.4	111.9	139.6	166.4	190.5	211.9
-25°	0.0	10.9	24.1	39.4	59.7	83.0	108.8	136.0	162.7	186.8	208.5
-27.5°	0.0	10.6	23.5	38.5	57.9	80.4	105.3	131.9	158.7	182.6	204.0
-30°	0.0	10.4	22.9	37.4	55.9	77.5	101.6	127.5	153.9	177.6	199.0
-32.5°	0.0	10.1	22.2	36.3	53.7	74.4	97.6	122.7	148.4	172.2	193.7
-35°	0.0	9.8	21.5	35.0	51.4	71.1	93.5	117.6	142.4	166.4	187.9
-37.5°	0.0	9.5	20.7	33.6	48.9	67.7	89.2	112.3	136.1	160.2	181.2
-40°	0.0	9.2	19.9	32.2	46.3	64.4	84.7	106.6	129.3	152.9	173.8
-42.5°	0.0	8.8	19.1	30.7	43.8	61.0	79.9	100.6	122.3	144.8	166.0
-45°	0.0	8.5	18.2	29.0	41.6	57.4	74.9	94.4	115.1	136.3	157.7
-47.5°	0.0	8.1	17.2	27.2	39.3	53.6	69.6	88.2	107.6	127.6	148.0
-50°	0.0	7.7	16.2	25.7	36.9	49.7	64.8	81.8	99.9	118.9	138.0
-52.5°	0.0	7.3	15.2	24.1	34.3	45.6	59.9	75.0	92.1	109.9	127.7
-55°	0.0	6.9	14.2	22.5	31.7	42.1	54.8	68.1	84.2	100.5	117.3
-57.5°	0.0	6.4	13.1	20.9	29.0	38.7	49.6	62.1	76.1	91.3	106.7
-60°	0.0	6.0	12.0	19.2	26.2	35.2	44.4	55.9	68.0	82.0	95.9
-62.5°	0.0	5.5	11.1	17.4	23.9	31.5	40.0	49.5	60.6	72.4	85.3
-65°	0.0	5.1	10.1	15.7	21.6	27.8	35.5	43.4	53.0	63.4	74.5
-67.5°	0.0	4.6	9.2	13.9	19.2	24.4	30.9	38.0	45.1	54.4	64.0
-70°	0.0	4.1	8.2	12.0	16.7	21.4	26.1	32.6	39.0	45.1	53.5
-72.5°	0.0	3.6	7.2	10.5	14.3	18.3	22.3	27.1	32.8	38.3	43.5
-75°	0.0	3.1	6.2	9.0	11.8	15.2	18.6	22.4	26.6	31.5	36.1
-77.5°	0.0	2.6	5.2	7.5	9.7	12.0	14.8	18.0	21.4	24.9	28.6
-80°	0.0	2.1	4.2	6.0	7.8	9.4	11.0	13.5	16.1	18.9	21.7
-82.5°	0.0	1.6	3.1	4.5	5.9	7.1	8.1	9.4	10.9	12.8	14.8
-85°	0.0	1.0	2.1	3.0	3.9	4.7	5.4	6.3	7.2	8.0	8.9
-87.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.7	3.2	3.6	4.0	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):

	-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°	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.7	8.0	8.3
85°	9.7	10.5	11.5	12.5	13.3	14.1	14.8	15.4	16.3	17.2	18.1
82.5°	16.5	17.9	19.2	20.2	21.2	22.2	23.3	25.1	27.4	29.5	31.6
80°	23.7	25.4	27.8	30.4	33.2	35.9	38.5	40.9	43.6	46.5	49.5
77.5°	31.9	35.3	39.0	43.0	46.9	51.4	55.9	60.5	64.7	68.3	71.5
75°	40.4	45.0	51.2	57.4	63.3	69.1	75.1	80.9	85.9	90.6	95.3
72.5°	50.3	57.8	65.2	72.4	80.0	87.3	94.2	100.6	107.1	113.5	119.6
70°	62.1	70.7	79.6	88.6	97.5	105.6	113.6	121.7	129.7	136.9	143.3
67.5°	73.9	84.2	94.4	104.6	114.3	123.6	133.1	142.4	151.3	158.8	165.5
65°	86.1	97.5	109.0	120.1	130.6	141.5	152.1	162.4	170.8	177.7	184.5
62.5°	98.0	110.9	123.4	135.5	147.4	159.3	169.5	178.8	187.4	195.0	202.3
60°	110.2	124.2	137.8	151.1	163.7	174.5	185.0	194.2	202.9	211.3	217.4
57.5°	122.2	137.3	152.0	165.6	177.7	188.9	199.0	208.7	216.3	222.9	229.6
55°	134.0	150.2	165.3	178.7	190.9	201.7	211.9	220.0	227.5	233.8	240.4
52.5°	145.5	162.4	177.3	190.9	202.8	213.4	222.3	230.4	237.4	243.9	249.2
50°	156.8	173.3	188.8	201.7	213.5	223.4	231.8	239.6	246.4	252.3	257.2
47.5°	166.8	183.9	198.6	211.8	222.9	232.3	240.5	247.9	254.7	259.8	264.6
45°	176.1	193.0	208.0	220.5	231.4	240.3	248.2	255.9	261.4	266.5	270.3
42.5°	185.1	201.5	216.0	229.0	238.5	247.2	255.2	261.8	267.6	272.1	276.1
40°	192.7	209.7	223.5	235.3	245.2	253.4	260.8	267.4	273.1	277.5	281.8
37.5°	200.0	216.3	230.3	241.3	250.5	258.6	265.9	272.1	277.8	282.4	288.3
35°	206.9	222.5	235.6	246.3	255.3	263.3	270.3	276.6	282.1	288.6	295.4
32.5°	212.8	228.4	240.6	250.4	259.2	267.4	274.3	280.8	287.2	294.5	302.8
30°	217.7	232.9	244.9	254.1	262.9	270.6	278.1	285.0	292.1	300.7	311.7
27.5°	222.2	236.9	248.0	257.3	266.1	273.3	281.2	289.1	297.3	307.4	321.2
25°	226.4	240.5	250.8	260.1	268.4	275.9	284.1	292.2	302.4	315.8	333.8
22.5°	229.9	243.9	253.2	262.7	270.3	278.3	286.6	295.6	307.2	323.5	347.1
20°	232.7	246.0	255.3	264.7	271.9	280.4	288.9	298.7	312.5	333.7	361.0
17.5°	235.2	247.7	257.0	265.9	273.5	282.1	290.9	301.1	316.9	343.2	373.8
15°	237.4	249.2	258.4	266.8	274.8	283.5	292.7	304.3	322.8	352.5	385.4
12.5°	239.3	250.3	259.4	267.5	275.9	284.4	294.2	307.1	329.0	361.1	396.9
10°	240.9	251.2	260.2	268.1	276.7	285.0	295.3	308.9	333.4	365.9	403.8
7.5°	241.9	251.9	260.7	268.3	277.2	285.1	296.2	309.9	336.2	368.5	407.5
5°	242.4	252.4	261.3	268.8	277.7	285.5	296.9	310.0	337.3	369.0	408.9
2.5°	242.6	252.8	261.7	269.2	278.1	286.5	298.3	311.7	338.3	370.9	409.9
0°	242.4	252.9	261.8	269.3	278.3	287.3	299.2	312.7	338.1	372.6	410.0
-2.5°	242.6	252.8	261.7	269.2	278.1	286.5	298.3	311.7	338.3	370.9	409.9
-5°	242.4	252.4	261.3	268.8	277.7	285.5	296.9	310.0	337.3	369.0	408.9
-7.5°	241.9	251.9	260.7	268.3	277.2	285.1	296.2	309.9	336.2	368.5	407.5
-10°	240.9	251.2	260.2	268.1	276.7	285.0	295.3	308.9	333.4	365.9	403.8
-12.5°	239.3	250.3	259.4	267.5	275.9	284.4	294.2	307.1	329.0	361.1	396.9
-15°	237.4	249.2	258.4	266.8	274.8	283.5	292.7	304.3	322.8	352.5	385.4
-17.5°	235.2	247.7	257.0	265.9	273.5	282.1	290.9	301.1	316.9	343.2	373.8
-20°	232.7	246.0	255.3	264.7	271.9	280.4	288.9	298.7	312.5	333.7	361.0



REPORT NUMBER: P559008 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	229.9	243.9	253.2	262.7	270.3	278.3	286.6	295.6	307.2	323.5	347.1
-25°	226.4	240.5	250.8	260.1	268.4	275.9	284.1	292.2	302.4	315.8	333.8
-27.5°	222.2	236.9	248.0	257.3	266.1	273.3	281.2	289.1	297.3	307.4	321.2
-30°	217.7	232.9	244.9	254.1	262.9	270.6	278.1	285.0	292.1	300.7	311.7
-32.5°	212.8	228.4	240.6	250.4	259.2	267.4	274.3	280.8	287.2	294.5	302.8
-35°	206.9	222.5	235.6	246.3	255.3	263.3	270.3	276.6	282.1	288.6	295.4
-37.5°	200.0	216.3	230.3	241.3	250.5	258.6	265.9	272.1	277.8	282.4	288.3
-40°	192.7	209.7	223.5	235.3	245.2	253.4	260.8	267.4	273.1	277.5	281.8
-42.5°	185.1	201.5	216.0	229.0	238.5	247.2	255.2	261.8	267.6	272.1	276.1
-45°	176.1	193.0	208.0	220.5	231.4	240.3	248.2	255.9	261.4	266.5	270.3
-47.5°	166.8	183.9	198.6	211.8	222.9	232.3	240.5	247.9	254.7	259.8	264.6
-50°	156.8	173.3	188.8	201.7	213.5	223.4	231.8	239.6	246.4	252.3	257.2
-52.5°	145.5	162.4	177.3	190.9	202.8	213.4	222.3	230.4	237.4	243.9	249.2
-55°	134.0	150.2	165.3	178.7	190.9	201.7	211.9	220.0	227.5	233.8	240.4
-57.5°	122.2	137.3	152.0	165.6	177.7	188.9	199.0	208.7	216.3	222.9	229.6
-60°	110.2	124.2	137.8	151.1	163.7	174.5	185.0	194.2	202.9	211.3	217.4
-62.5°	98.0	110.9	123.4	135.5	147.4	159.3	169.5	178.8	187.4	195.0	202.3
-65°	86.1	97.5	109.0	120.1	130.6	141.5	152.1	162.4	170.8	177.7	184.5
-67.5°	73.9	84.2	94.4	104.6	114.3	123.6	133.1	142.4	151.3	158.8	165.5
-70°	62.1	70.7	79.6	88.6	97.5	105.6	113.6	121.7	129.7	136.9	143.3
-72.5°	50.3	57.8	65.2	72.4	80.0	87.3	94.2	100.6	107.1	113.5	119.6
-75°	40.4	45.0	51.2	57.4	63.3	69.1	75.1	80.9	85.9	90.6	95.3
-77.5°	31.9	35.3	39.0	43.0	46.9	51.4	55.9	60.5	64.7	68.3	71.5
-80°	23.7	25.4	27.8	30.4	33.2	35.9	38.5	40.9	43.6	46.5	49.5
-82.5°	16.5	17.9	19.2	20.2	21.2	22.2	23.3	25.1	27.4	29.5	31.6
-85°	9.7	10.5	11.5	12.5	13.3	14.1	14.8	15.4	16.3	17.2	18.1
-87.5°	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.7	8.0	8.3
-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: P559008 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	8.6	8.5	8.4	8.3	8.2	8.3	8.5	8.6	8.7	8.8	8.9
85°	19.0	19.8	20.6	21.5	22.3	22.9	23.4	23.9	24.3	24.6	24.9
82.5°	33.4	35.2	36.7	38.1	39.4	40.4	41.4	42.2	42.9	43.5	44.0
80°	52.2	54.8	57.3	59.5	61.6	63.3	64.7	65.9	66.8	67.9	68.7
77.5°	74.6	78.2	81.7	84.8	87.5	89.9	91.9	93.6	95.1	96.9	98.6
75°	100.0	104.3	108.3	111.9	115.3	118.2	120.9	123.2	125.2	127.2	128.8
72.5°	125.4	130.6	135.2	139.1	142.6	146.0	149.3	152.5	155.3	157.5	159.1
70°	149.3	154.6	159.5	163.9	168.1	172.3	176.6	180.6	184.3	186.6	188.0
67.5°	171.1	176.6	182.2	187.6	192.6	197.0	201.4	205.3	208.8	211.3	212.8
65°	190.9	197.0	203.0	208.6	213.8	217.6	221.5	225.2	228.7	231.6	233.7
62.5°	209.4	215.4	220.5	225.2	229.6	233.4	237.3	240.7	243.8	246.4	248.9
60°	223.5	229.6	234.5	239.0	243.1	246.9	249.9	252.5	254.5	256.2	257.7
57.5°	235.7	241.5	246.5	250.1	253.8	257.3	259.9	261.6	262.8	263.7	264.4
55°	246.1	250.8	255.0	259.0	262.6	265.7	268.0	269.0	269.7	270.1	270.4
52.5°	254.5	259.0	263.3	267.1	269.9	272.6	274.9	275.5	275.8	276.0	276.1
50°	262.2	266.6	270.0	273.2	276.1	278.5	280.5	281.4	281.9	282.0	281.7
47.5°	268.3	272.1	275.9	279.2	282.2	285.0	287.2	288.4	289.4	289.8	289.7
45°	273.8	278.3	282.2	286.1	289.6	293.1	296.2	298.2	300.4	301.8	302.5
42.5°	280.2	284.7	289.1	294.4	299.4	304.0	309.1	313.6	318.2	323.2	326.5
40°	286.8	291.6	298.4	304.8	312.0	318.6	329.3	340.0	348.1	355.0	361.2
37.5°	294.2	301.2	309.4	317.7	329.5	341.7	355.2	368.5	380.0	390.4	398.8
35°	302.8	312.3	322.3	337.0	352.0	367.1	383.2	400.9	415.8	426.7	434.6
32.5°	313.3	325.2	341.2	360.1	378.5	398.1	417.6	437.2	452.0	467.2	482.5
30°	324.9	342.1	362.8	385.8	408.8	432.2	456.7	483.9	509.8	537.7	577.5
27.5°	339.8	360.7	385.1	412.2	440.0	467.8	510.5	557.3	626.7	682.2	776.2
25°	355.6	380.2	409.2	440.7	474.6	524.4	602.5	694.8	858.3	985.2	1177.6
22.5°	373.3	402.2	434.3	470.4	525.1	619.2	752.7	989.7	1319.4	1645.1	2007.4
20°	390.7	422.7	457.8	512.5	605.4	754.2	1043.4	1555.8	2128.1	2943.0	3626.9
17.5°	407.3	441.2	485.8	559.8	698.8	998.1	1558.3	2436.0	3631.3	4944.8	6040.1
15°	421.8	456.5	516.5	633.7	868.5	1334.7	2180.6	3674.4	5682.7	7481.1	9085.0
12.5°	434.0	475.1	549.8	693.3	1015.9	1706.0	3063.0	5184.1	7636.6	10158.5	12188.4
10°	442.9	495.0	594.2	803.7	1250.1	2147.9	3798.4	6473.9	9426.8	12492.1	16161.6
7.5°	448.3	509.2	628.0	885.7	1458.9	2639.9	4720.9	7625.5	11016.5	15201.0	20807.4
5°	452.2	518.8	653.0	947.4	1598.5	2965.1	5303.3	8498.1	12388.2	18438.7	29977.1
2.5°	454.1	523.0	667.1	981.3	1662.1	3132.4	5713.1	8997.7	13222.7	20722.7	36329.3
0°	453.4	520.7	668.8	989.0	1671.3	3260.2	5781.3	9140.3	13504.8	20927.4	38365.7
-2.5°	454.1	523.0	667.1	981.3	1662.1	3132.4	5713.1	8997.7	13222.7	20722.7	36329.3
-5°	452.2	518.8	653.0	947.4	1598.5	2965.1	5303.3	8498.1	12388.2	18438.7	29977.1
-7.5°	448.3	509.2	628.0	885.7	1458.9	2639.9	4720.9	7625.5	11016.5	15201.0	20807.4
-10°	442.9	495.0	594.2	803.7	1250.1	2147.9	3798.4	6473.9	9426.8	12492.1	16161.6
-12.5°	434.0	475.1	549.8	693.3	1015.9	1706.0	3063.0	5184.1	7636.6	10158.5	12188.4
-15°	421.8	456.5	516.5	633.7	868.5	1334.7	2180.6	3674.4	5682.7	7481.1	9085.0
-17.5°	407.3	441.2	485.8	559.8	698.8	998.1	1558.3	2436.0	3631.3	4944.8	6040.1
-20°	390.7	422.7	457.8	512.5	605.4	754.2	1043.4	1555.8	2128.1	2943.0	3626.9



REPORT NUMBER: P559008 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	373.3	402.2	434.3	470.4	525.1	619.2	752.7	989.7	1319.4	1645.1	2007.4
-25°	355.6	380.2	409.2	440.7	474.6	524.4	602.5	694.8	858.3	985.2	1177.6
-27.5°	339.8	360.7	385.1	412.2	440.0	467.8	510.5	557.3	626.7	682.2	776.2
-30°	324.9	342.1	362.8	385.8	408.8	432.2	456.7	483.9	509.8	537.7	577.5
-32.5°	313.3	325.2	341.2	360.1	378.5	398.1	417.6	437.2	452.0	467.2	482.5
-35°	302.8	312.3	322.3	337.0	352.0	367.1	383.2	400.9	415.8	426.7	434.6
-37.5°	294.2	301.2	309.4	317.7	329.5	341.7	355.2	368.5	380.0	390.4	398.8
-40°	286.8	291.6	298.4	304.8	312.0	318.6	329.3	340.0	348.1	355.0	361.2
-42.5°	280.2	284.7	289.1	294.4	299.4	304.0	309.1	313.6	318.2	323.2	326.5
-45°	273.8	278.3	282.2	286.1	289.6	293.1	296.2	298.2	300.4	301.8	302.5
-47.5°	268.3	272.1	275.9	279.2	282.2	285.0	287.2	288.4	289.4	289.8	289.7
-50°	262.2	266.6	270.0	273.2	276.1	278.5	280.5	281.4	281.9	282.0	281.7
-52.5°	254.5	259.0	263.3	267.1	269.9	272.6	274.9	275.5	275.8	276.0	276.1
-55°	246.1	250.8	255.0	259.0	262.6	265.7	268.0	269.0	269.7	270.1	270.4
-57.5°	235.7	241.5	246.5	250.1	253.8	257.3	259.9	261.6	262.8	263.7	264.4
-60°	223.5	229.6	234.5	239.0	243.1	246.9	249.9	252.5	254.5	256.2	257.7
-62.5°	209.4	215.4	220.5	225.2	229.6	233.4	237.3	240.7	243.8	246.4	248.9
-65°	190.9	197.0	203.0	208.6	213.8	217.6	221.5	225.2	228.7	231.6	233.7
-67.5°	171.1	176.6	182.2	187.6	192.6	197.0	201.4	205.3	208.8	211.3	212.8
-70°	149.3	154.6	159.5	163.9	168.1	172.3	176.6	180.6	184.3	186.6	188.0
-72.5°	125.4	130.6	135.2	139.1	142.6	146.0	149.3	152.5	155.3	157.5	159.1
-75°	100.0	104.3	108.3	111.9	115.3	118.2	120.9	123.2	125.2	127.2	128.8
-77.5°	74.6	78.2	81.7	84.8	87.5	89.9	91.9	93.6	95.1	96.9	98.6
-80°	52.2	54.8	57.3	59.5	61.6	63.3	64.7	65.9	66.8	67.9	68.7
-82.5°	33.4	35.2	36.7	38.1	39.4	40.4	41.4	42.2	42.9	43.5	44.0
-85°	19.0	19.8	20.6	21.5	22.3	22.9	23.4	23.9	24.3	24.6	24.9
-87.5°	8.6	8.5	8.4	8.3	8.2	8.3	8.5	8.6	8.7	8.8	8.9
-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: P559008 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.6
85°	25.1	25.3	25.4	25.4	25.4	25.3	25.1	24.9	24.6	24.3	23.9
82.5°	44.4	44.7	44.8	44.9	44.8	44.7	44.4	44.0	43.5	42.9	42.2
80°	69.4	69.9	70.2	70.3	70.2	69.9	69.4	68.7	67.9	66.8	65.9
77.5°	100.0	101.1	101.5	101.7	101.5	101.1	100.0	98.6	96.9	95.1	93.6
75°	130.1	131.0	131.5	131.7	131.5	131.0	130.1	128.8	127.2	125.2	123.2
72.5°	160.2	160.8	162.1	163.1	162.1	160.8	160.2	159.1	157.5	155.3	152.5
70°	188.8	189.2	190.5	191.5	190.5	189.2	188.8	188.0	186.6	184.3	180.6
67.5°	213.9	214.6	214.6	214.0	214.6	214.6	213.9	212.8	211.3	208.8	205.3
65°	235.5	236.9	237.0	236.4	237.0	236.9	235.5	233.7	231.6	228.7	225.2
62.5°	251.3	253.4	254.2	254.4	254.2	253.4	251.3	248.9	246.4	243.8	240.7
60°	259.0	259.9	260.2	260.3	260.2	259.9	259.0	257.7	256.2	254.5	252.5
57.5°	264.7	264.7	264.7	264.8	264.7	264.7	264.7	264.4	263.7	262.8	261.6
55°	270.6	270.6	270.1	269.3	270.1	270.6	270.6	270.4	270.1	269.7	269.0
52.5°	275.9	275.4	274.7	273.8	274.7	275.4	275.9	276.1	276.0	275.8	275.5
50°	281.1	280.1	279.7	279.8	279.7	280.1	281.1	281.7	282.0	281.9	281.4
47.5°	289.5	288.9	288.6	288.8	288.6	288.9	289.5	289.7	289.8	289.4	288.4
45°	302.7	302.2	301.9	302.2	301.9	302.2	302.7	302.5	301.8	300.4	298.2
42.5°	328.4	328.7	328.6	329.2	328.6	328.7	328.4	326.5	323.2	318.2	313.6
40°	363.7	363.6	362.4	362.1	362.4	363.6	363.7	361.2	355.0	348.1	340.0
37.5°	402.3	402.4	401.1	401.0	401.1	402.4	402.3	398.8	390.4	380.0	368.5
35°	438.7	440.1	439.8	438.4	439.8	440.1	438.7	434.6	426.7	415.8	400.9
32.5°	493.3	501.7	506.1	504.2	506.1	501.7	493.3	482.5	467.2	452.0	437.2
30°	602.6	624.1	635.4	640.4	635.4	624.1	602.6	577.5	537.7	509.8	483.9
27.5°	843.6	891.1	912.5	920.2	912.5	891.1	843.6	776.2	682.2	626.7	557.3
25°	1345.7	1453.1	1506.1	1523.1	1506.1	1453.1	1345.7	1177.6	985.2	858.3	694.8
22.5°	2406.3	2613.1	2754.6	2785.9	2754.6	2613.1	2406.3	2007.4	1645.1	1319.4	989.7
20°	4314.4	4714.5	4931.6	4912.0	4931.6	4714.5	4314.4	3626.9	2943.0	2128.1	1555.8
17.5°	6971.1	7484.2	7728.3	7614.2	7728.3	7484.2	6971.1	6040.1	4944.8	3631.3	2436.0
15°	10219.4	10912.5	11214.8	11308.3	11214.8	10912.5	10219.4	9085.0	7481.1	5682.7	3674.4
12.5°	14214.6	16486.9	17573.5	17864.7	17573.5	16486.9	14214.6	12188.4	10158.5	7636.6	5184.1
10°	19914.9	27552.8	32096.0	33205.3	32096.0	27552.8	19914.9	16161.6	12492.1	9426.8	6473.9
7.5°	32522.6	48043.7	65430.8	73664.2	65430.8	48043.7	32522.6	20807.4	15201.0	11016.5	7625.5
5°	49597.0	86079.6	126336.0	142117.2	126336.0	86079.6	49597.0	29977.1	18438.7	12388.2	8498.1
2.5°	70353.7	129973.6	185598.0	206333.7	185598.0	129973.6	70353.7	36329.3	20722.7	13222.7	8997.7
0°	79123.2	149845.1	204488.9	222251.0	204488.9	149845.1	79123.2	38365.7	20927.4	13504.8	9140.3
-2.5°	70353.7	129973.6	185598.0	206333.6	185598.0	129973.6	70353.7	36329.3	20722.7	13222.7	8997.7
-5°	49597.0	86079.6	126336.0	142117.2	126336.0	86079.6	49597.0	29977.1	18438.7	12388.2	8498.1
-7.5°	32522.6	48043.7	65430.8	73664.2	65430.8	48043.7	32522.6	20807.4	15201.0	11016.5	7625.5
-10°	19914.9	27552.8	32096.0	33205.3	32096.0	27552.8	19914.9	16161.6	12492.1	9426.8	6473.9
-12.5°	14214.6	16486.9	17573.5	17864.7	17573.5	16486.9	14214.6	12188.4	10158.5	7636.6	5184.1
-15°	10219.4	10912.5	11214.8	11308.3	11214.8	10912.5	10219.4	9085.0	7481.1	5682.7	3674.4
-17.5°	6971.1	7484.2	7728.3	7614.2	7728.3	7484.2	6971.1	6040.1	4944.8	3631.3	2436.0
-20°	4314.4	4714.5	4931.6	4912.0	4931.6	4714.5	4314.4	3626.9	2943.0	2128.1	1555.8



REPORT NUMBER: P559008 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	2406.3	2613.1	2754.6	2785.9	2754.6	2613.1	2406.3	2007.4	1645.1	1319.4	989.7
-25°	1345.7	1453.1	1506.1	1523.1	1506.1	1453.1	1345.7	1177.6	985.2	858.3	694.8
-27.5°	843.6	891.1	912.5	920.2	912.5	891.1	843.6	776.2	682.2	626.7	557.3
-30°	602.6	624.1	635.4	640.4	635.4	624.1	602.6	577.5	537.7	509.8	483.9
-32.5°	493.3	501.7	506.1	504.2	506.1	501.7	493.3	482.5	467.2	452.0	437.2
-35°	438.7	440.1	439.8	438.4	439.8	440.1	438.7	434.6	426.7	415.8	400.9
-37.5°	402.3	402.4	401.1	401.0	401.1	402.4	402.3	398.8	390.4	380.0	368.5
-40°	363.7	363.6	362.4	362.1	362.4	363.6	363.7	361.2	355.0	348.1	340.0
-42.5°	328.4	328.7	328.6	329.2	328.6	328.7	328.4	326.5	323.2	318.2	313.6
-45°	302.7	302.2	301.9	302.2	301.9	302.2	302.7	302.5	301.8	300.4	298.2
-47.5°	289.5	288.9	288.6	288.8	288.6	288.9	289.5	289.7	289.8	289.4	288.4
-50°	281.1	280.1	279.7	279.8	279.7	280.1	281.1	281.7	282.0	281.9	281.4
-52.5°	275.9	275.4	274.7	273.8	274.7	275.4	275.9	276.1	276.0	275.8	275.5
-55°	270.6	270.6	270.1	269.3	270.1	270.6	270.6	270.4	270.1	269.7	269.0
-57.5°	264.7	264.7	264.7	264.8	264.7	264.7	264.7	264.4	263.7	262.8	261.6
-60°	259.0	259.9	260.2	260.3	260.2	259.9	259.0	257.7	256.2	254.5	252.5
-62.5°	251.3	253.4	254.2	254.4	254.2	253.4	251.3	248.9	246.4	243.8	240.7
-65°	235.5	236.9	237.0	236.4	237.0	236.9	235.5	233.7	231.6	228.7	225.2
-67.5°	213.9	214.6	214.6	214.0	214.6	214.6	213.9	212.8	211.3	208.8	205.3
-70°	188.8	189.2	190.5	191.5	190.5	189.2	188.8	188.0	186.6	184.3	180.6
-72.5°	160.2	160.8	162.1	163.1	162.1	160.8	160.2	159.1	157.5	155.3	152.5
-75°	130.1	131.0	131.5	131.7	131.5	131.0	130.1	128.8	127.2	125.2	123.2
-77.5°	100.0	101.1	101.5	101.7	101.5	101.1	100.0	98.6	96.9	95.1	93.6
-80°	69.4	69.9	70.2	70.3	70.2	69.9	69.4	68.7	67.9	66.8	65.9
-82.5°	44.4	44.7	44.8	44.9	44.8	44.7	44.4	44.0	43.5	42.9	42.2
-85°	25.1	25.3	25.4	25.4	25.4	25.3	25.1	24.9	24.6	24.3	23.9
-87.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.6
-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: P559008 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	8.5	8.3	8.2	8.3	8.4	8.5	8.6	8.3	8.0	7.7	7.4
85°	23.4	22.9	22.3	21.5	20.6	19.8	19.0	18.1	17.2	16.3	15.4
82.5°	41.4	40.4	39.4	38.1	36.7	35.2	33.4	31.6	29.5	27.4	25.1
80°	64.7	63.3	61.6	59.5	57.3	54.8	52.2	49.5	46.5	43.6	40.9
77.5°	91.9	89.9	87.5	84.8	81.7	78.2	74.6	71.5	68.3	64.7	60.5
75°	120.9	118.2	115.3	111.9	108.3	104.3	100.0	95.3	90.6	85.9	80.9
72.5°	149.3	146.0	142.6	139.1	135.2	130.6	125.4	119.6	113.5	107.1	100.6
70°	176.6	172.3	168.1	163.9	159.5	154.6	149.3	143.3	136.9	129.7	121.7
67.5°	201.4	197.0	192.6	187.6	182.2	176.6	171.1	165.5	158.8	151.3	142.4
65°	221.5	217.6	213.8	208.6	203.0	197.0	190.9	184.5	177.7	170.8	162.4
62.5°	237.3	233.4	229.6	225.2	220.5	215.4	209.4	202.3	195.0	187.4	178.8
60°	249.9	246.9	243.1	239.0	234.5	229.6	223.5	217.4	211.3	202.9	194.2
57.5°	259.9	257.3	253.8	250.1	246.5	241.5	235.7	229.6	222.9	216.3	208.7
55°	268.0	265.7	262.6	259.0	255.0	250.8	246.1	240.4	233.8	227.5	220.0
52.5°	274.9	272.6	269.9	267.1	263.3	259.0	254.5	249.2	243.9	237.4	230.4
50°	280.5	278.5	276.1	273.2	270.0	266.6	262.2	257.2	252.3	246.4	239.6
47.5°	287.2	285.0	282.2	279.2	275.9	272.1	268.3	264.6	259.8	254.7	247.9
45°	296.2	293.1	289.6	286.1	282.2	278.3	273.8	270.3	266.5	261.4	255.9
42.5°	309.1	304.0	299.4	294.4	289.1	284.7	280.2	276.1	272.1	267.6	261.8
40°	329.3	318.6	312.0	304.8	298.4	291.6	286.8	281.8	277.5	273.1	267.4
37.5°	355.2	341.7	329.5	317.7	309.4	301.2	294.2	288.3	282.4	277.8	272.1
35°	383.2	367.1	352.0	337.0	322.3	312.3	302.8	295.4	288.6	282.1	276.6
32.5°	417.6	398.1	378.5	360.1	341.2	325.2	313.3	302.8	294.5	287.2	280.8
30°	456.7	432.2	408.8	385.8	362.8	342.1	324.9	311.7	300.7	292.1	285.0
27.5°	510.5	467.8	440.0	412.2	385.1	360.7	339.8	321.2	307.4	297.3	289.1
25°	602.5	524.4	474.6	440.7	409.2	380.2	355.6	333.8	315.8	302.4	292.2
22.5°	752.7	619.2	525.1	470.4	434.3	402.2	373.3	347.1	323.5	307.2	295.6
20°	1043.4	754.2	605.4	512.5	457.8	422.7	390.7	361.0	333.7	312.5	298.7
17.5°	1558.3	998.1	698.8	559.8	485.8	441.2	407.3	373.8	343.2	316.9	301.1
15°	2180.6	1334.7	868.5	633.7	516.5	456.5	421.8	385.4	352.5	322.8	304.3
12.5°	3063.0	1706.0	1015.9	693.3	549.8	475.1	434.0	396.9	361.1	329.0	307.1
10°	3798.4	2147.9	1250.1	803.7	594.2	495.0	442.9	403.8	365.9	333.4	308.9
7.5°	4720.9	2639.9	1458.9	885.7	628.0	509.2	448.3	407.5	368.5	336.2	309.9
5°	5303.3	2965.1	1598.5	947.4	653.0	518.8	452.2	408.9	369.0	337.3	310.0
2.5°	5713.1	3132.4	1662.1	981.3	667.1	523.0	454.1	409.9	370.9	338.3	311.7
0°	5781.3	3260.2	1671.3	989.0	668.8	520.7	453.4	410.0	372.6	338.1	312.7
-2.5°	5713.1	3132.4	1662.1	981.3	667.1	523.0	454.1	409.9	370.9	338.3	311.7
-5°	5303.3	2965.1	1598.5	947.4	653.0	518.8	452.2	408.9	369.0	337.3	310.0
-7.5°	4720.9	2639.9	1458.9	885.7	628.0	509.2	448.3	407.5	368.5	336.2	309.9
-10°	3798.4	2147.9	1250.1	803.7	594.2	495.0	442.9	403.8	365.9	333.4	308.9
-12.5°	3063.0	1706.0	1015.9	693.3	549.8	475.1	434.0	396.9	361.1	329.0	307.1
-15°	2180.6	1334.7	868.5	633.7	516.5	456.5	421.8	385.4	352.5	322.8	304.3
-17.5°	1558.3	998.1	698.8	559.8	485.8	441.2	407.3	373.8	343.2	316.9	301.1
-20°	1043.4	754.2	605.4	512.5	457.8	422.7	390.7	361.0	333.7	312.5	298.7



REPORT NUMBER: P559008 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	752.7	619.2	525.1	470.4	434.3	402.2	373.3	347.1	323.5	307.2	295.6
-25°	602.5	524.4	474.6	440.7	409.2	380.2	355.6	333.8	315.8	302.4	292.2
-27.5°	510.5	467.8	440.0	412.2	385.1	360.7	339.8	321.2	307.4	297.3	289.1
-30°	456.7	432.2	408.8	385.8	362.8	342.1	324.9	311.7	300.7	292.1	285.0
-32.5°	417.6	398.1	378.5	360.1	341.2	325.2	313.3	302.8	294.5	287.2	280.8
-35°	383.2	367.1	352.0	337.0	322.3	312.3	302.8	295.4	288.6	282.1	276.6
-37.5°	355.2	341.7	329.5	317.7	309.4	301.2	294.2	288.3	282.4	277.8	272.1
-40°	329.3	318.6	312.0	304.8	298.4	291.6	286.8	281.8	277.5	273.1	267.4
-42.5°	309.1	304.0	299.4	294.4	289.1	284.7	280.2	276.1	272.1	267.6	261.8
-45°	296.2	293.1	289.6	286.1	282.2	278.3	273.8	270.3	266.5	261.4	255.9
-47.5°	287.2	285.0	282.2	279.2	275.9	272.1	268.3	264.6	259.8	254.7	247.9
-50°	280.5	278.5	276.1	273.2	270.0	266.6	262.2	257.2	252.3	246.4	239.6
-52.5°	274.9	272.6	269.9	267.1	263.3	259.0	254.5	249.2	243.9	237.4	230.4
-55°	268.0	265.7	262.6	259.0	255.0	250.8	246.1	240.4	233.8	227.5	220.0
-57.5°	259.9	257.3	253.8	250.1	246.5	241.5	235.7	229.6	222.9	216.3	208.7
-60°	249.9	246.9	243.1	239.0	234.5	229.6	223.5	217.4	211.3	202.9	194.2
-62.5°	237.3	233.4	229.6	225.2	220.5	215.4	209.4	202.3	195.0	187.4	178.8
-65°	221.5	217.6	213.8	208.6	203.0	197.0	190.9	184.5	177.7	170.8	162.4
-67.5°	201.4	197.0	192.6	187.6	182.2	176.6	171.1	165.5	158.8	151.3	142.4
-70°	176.6	172.3	168.1	163.9	159.5	154.6	149.3	143.3	136.9	129.7	121.7
-72.5°	149.3	146.0	142.6	139.1	135.2	130.6	125.4	119.6	113.5	107.1	100.6
-75°	120.9	118.2	115.3	111.9	108.3	104.3	100.0	95.3	90.6	85.9	80.9
-77.5°	91.9	89.9	87.5	84.8	81.7	78.2	74.6	71.5	68.3	64.7	60.5
-80°	64.7	63.3	61.6	59.5	57.3	54.8	52.2	49.5	46.5	43.6	40.9
-82.5°	41.4	40.4	39.4	38.1	36.7	35.2	33.4	31.6	29.5	27.4	25.1
-85°	23.4	22.9	22.3	21.5	20.6	19.8	19.0	18.1	17.2	16.3	15.4
-87.5°	8.5	8.3	8.2	8.3	8.4	8.5	8.6	8.3	8.0	7.7	7.4
-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: P559008 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	7.1	6.7	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2
85°	14.8	14.1	13.3	12.5	11.5	10.5	9.7	8.9	8.0	7.2	6.3
82.5°	23.3	22.2	21.2	20.2	19.2	17.9	16.5	14.8	12.8	10.9	9.4
80°	38.5	35.9	33.2	30.4	27.8	25.4	23.7	21.7	18.9	16.1	13.5
77.5°	55.9	51.4	46.9	43.0	39.0	35.3	31.9	28.6	24.9	21.4	18.0
75°	75.1	69.1	63.3	57.4	51.2	45.0	40.4	36.1	31.5	26.6	22.4
72.5°	94.2	87.3	80.0	72.4	65.2	57.8	50.3	43.5	38.3	32.8	27.1
70°	113.6	105.6	97.5	88.6	79.6	70.7	62.1	53.5	45.1	39.0	32.6
67.5°	133.1	123.6	114.3	104.6	94.4	84.2	73.9	64.0	54.4	45.1	38.0
65°	152.1	141.5	130.6	120.1	109.0	97.5	86.1	74.5	63.4	53.0	43.4
62.5°	169.5	159.3	147.4	135.5	123.4	110.9	98.0	85.3	72.4	60.6	49.5
60°	185.0	174.5	163.7	151.1	137.8	124.2	110.2	95.9	82.0	68.0	55.9
57.5°	199.0	188.9	177.7	165.6	152.0	137.3	122.2	106.7	91.3	76.1	62.1
55°	211.9	201.7	190.9	178.7	165.3	150.2	134.0	117.3	100.5	84.2	68.1
52.5°	222.3	213.4	202.8	190.9	177.3	162.4	145.5	127.7	109.9	92.1	75.0
50°	231.8	223.4	213.5	201.7	188.8	173.3	156.8	138.0	118.9	99.9	81.8
47.5°	240.5	232.3	222.9	211.8	198.6	183.9	166.8	148.0	127.6	107.6	88.2
45°	248.2	240.3	231.4	220.5	208.0	193.0	176.1	157.7	136.3	115.1	94.4
42.5°	255.2	247.2	238.5	229.0	216.0	201.5	185.1	166.0	144.8	122.3	100.6
40°	260.8	253.4	245.2	235.3	223.5	209.7	192.7	173.8	152.9	129.3	106.6
37.5°	265.9	258.6	250.5	241.3	230.3	216.3	200.0	181.2	160.2	136.1	112.3
35°	270.3	263.3	255.3	246.3	235.6	222.5	206.9	187.9	166.4	142.4	117.6
32.5°	274.3	267.4	259.2	250.4	240.6	228.4	212.8	193.7	172.2	148.4	122.7
30°	278.1	270.6	262.9	254.1	244.9	232.9	217.7	199.0	177.6	153.9	127.5
27.5°	281.2	273.3	266.1	257.3	248.0	236.9	222.2	204.0	182.6	158.7	131.9
25°	284.1	275.9	268.4	260.1	250.8	240.5	226.4	208.5	186.8	162.7	136.0
22.5°	286.6	278.3	270.3	262.7	253.2	243.9	229.9	211.9	190.5	166.4	139.6
20°	288.9	280.4	271.9	264.7	255.3	246.0	232.7	215.0	193.7	169.6	142.9
17.5°	290.9	282.1	273.5	265.9	257.0	247.7	235.2	217.8	196.6	172.5	145.7
15°	292.7	283.5	274.8	266.8	258.4	249.2	237.4	220.2	199.1	175.0	148.2
12.5°	294.2	284.4	275.9	267.5	259.4	250.3	239.3	222.3	201.1	177.0	150.2
10°	295.3	285.0	276.7	268.1	260.2	251.2	240.9	223.9	202.8	178.7	151.8
7.5°	296.2	285.1	277.2	268.3	260.7	251.9	241.9	225.0	204.0	179.9	153.0
5°	296.9	285.5	277.7	268.8	261.3	252.4	242.4	225.7	204.8	180.7	153.8
2.5°	298.3	286.5	278.1	269.2	261.7	252.8	242.6	226.0	205.1	181.1	154.1
0°	299.2	287.3	278.3	269.3	261.8	252.9	242.4	225.9	205.0	181.0	154.1
-2.5°	298.3	286.5	278.1	269.2	261.7	252.8	242.6	226.0	205.1	181.1	154.1
-5°	296.9	285.5	277.7	268.8	261.3	252.4	242.4	225.7	204.8	180.7	153.8
-7.5°	296.2	285.1	277.2	268.3	260.7	251.9	241.9	225.0	204.0	179.9	153.0
-10°	295.3	285.0	276.7	268.1	260.2	251.2	240.9	223.9	202.8	178.7	151.8
-12.5°	294.2	284.4	275.9	267.5	259.4	250.3	239.3	222.3	201.1	177.0	150.2
-15°	292.7	283.5	274.8	266.8	258.4	249.2	237.4	220.2	199.1	175.0	148.2
-17.5°	290.9	282.1	273.5	265.9	257.0	247.7	235.2	217.8	196.6	172.5	145.7
-20°	288.9	280.4	271.9	264.7	255.3	246.0	232.7	215.0	193.7	169.6	142.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	286.6	278.3	270.3	262.7	253.2	243.9	229.9	211.9	190.5	166.4	139.6
-25°	284.1	275.9	268.4	260.1	250.8	240.5	226.4	208.5	186.8	162.7	136.0
-27.5°	281.2	273.3	266.1	257.3	248.0	236.9	222.2	204.0	182.6	158.7	131.9
-30°	278.1	270.6	262.9	254.1	244.9	232.9	217.7	199.0	177.6	153.9	127.5
-32.5°	274.3	267.4	259.2	250.4	240.6	228.4	212.8	193.7	172.2	148.4	122.7
-35°	270.3	263.3	255.3	246.3	235.6	222.5	206.9	187.9	166.4	142.4	117.6
-37.5°	265.9	258.6	250.5	241.3	230.3	216.3	200.0	181.2	160.2	136.1	112.3
-40°	260.8	253.4	245.2	235.3	223.5	209.7	192.7	173.8	152.9	129.3	106.6
-42.5°	255.2	247.2	238.5	229.0	216.0	201.5	185.1	166.0	144.8	122.3	100.6
-45°	248.2	240.3	231.4	220.5	208.0	193.0	176.1	157.7	136.3	115.1	94.4
-47.5°	240.5	232.3	222.9	211.8	198.6	183.9	166.8	148.0	127.6	107.6	88.2
-50°	231.8	223.4	213.5	201.7	188.8	173.3	156.8	138.0	118.9	99.9	81.8
-52.5°	222.3	213.4	202.8	190.9	177.3	162.4	145.5	127.7	109.9	92.1	75.0
-55°	211.9	201.7	190.9	178.7	165.3	150.2	134.0	117.3	100.5	84.2	68.1
-57.5°	199.0	188.9	177.7	165.6	152.0	137.3	122.2	106.7	91.3	76.1	62.1
-60°	185.0	174.5	163.7	151.1	137.8	124.2	110.2	95.9	82.0	68.0	55.9
-62.5°	169.5	159.3	147.4	135.5	123.4	110.9	98.0	85.3	72.4	60.6	49.5
-65°	152.1	141.5	130.6	120.1	109.0	97.5	86.1	74.5	63.4	53.0	43.4
-67.5°	133.1	123.6	114.3	104.6	94.4	84.2	73.9	64.0	54.4	45.1	38.0
-70°	113.6	105.6	97.5	88.6	79.6	70.7	62.1	53.5	45.1	39.0	32.6
-72.5°	94.2	87.3	80.0	72.4	65.2	57.8	50.3	43.5	38.3	32.8	27.1
-75°	75.1	69.1	63.3	57.4	51.2	45.0	40.4	36.1	31.5	26.6	22.4
-77.5°	55.9	51.4	46.9	43.0	39.0	35.3	31.9	28.6	24.9	21.4	18.0
-80°	38.5	35.9	33.2	30.4	27.8	25.4	23.7	21.7	18.9	16.1	13.5
-82.5°	23.3	22.2	21.2	20.2	19.2	17.9	16.5	14.8	12.8	10.9	9.4
-85°	14.8	14.1	13.3	12.5	11.5	10.5	9.7	8.9	8.0	7.2	6.3
-87.5°	7.1	6.7	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2
-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°	2.7	2.4	2.0	1.5	1.0	0.5	0.0
85°	5.4	4.7	3.9	3.0	2.1	1.0	0.0
82.5°	8.1	7.1	5.9	4.5	3.1	1.6	0.0
80°	11.0	9.4	7.8	6.0	4.2	2.1	0.0
77.5°	14.8	12.0	9.7	7.5	5.2	2.6	0.0
75°	18.6	15.2	11.8	9.0	6.2	3.1	0.0
72.5°	22.3	18.3	14.3	10.5	7.2	3.6	0.0
70°	26.1	21.4	16.7	12.0	8.2	4.1	0.0
67.5°	30.9	24.4	19.2	13.9	9.2	4.6	0.0
65°	35.5	27.8	21.6	15.7	10.1	5.1	0.0
62.5°	40.0	31.5	23.9	17.4	11.1	5.5	0.0
60°	44.4	35.2	26.2	19.2	12.0	6.0	0.0
57.5°	49.6	38.7	29.0	20.9	13.1	6.4	0.0
55°	54.8	42.1	31.7	22.5	14.2	6.9	0.0
52.5°	59.9	45.6	34.3	24.1	15.2	7.3	0.0
50°	64.8	49.7	36.9	25.7	16.2	7.7	0.0
47.5°	69.6	53.6	39.3	27.2	17.2	8.1	0.0
45°	74.9	57.4	41.6	29.0	18.2	8.5	0.0
42.5°	79.9	61.0	43.8	30.7	19.1	8.8	0.0
40°	84.7	64.4	46.3	32.2	19.9	9.2	0.0
37.5°	89.2	67.7	48.9	33.6	20.7	9.5	0.0
35°	93.5	71.1	51.4	35.0	21.5	9.8	0.0
32.5°	97.6	74.4	53.7	36.3	22.2	10.1	0.0
30°	101.6	77.5	55.9	37.4	22.9	10.4	0.0
27.5°	105.3	80.4	57.9	38.5	23.5	10.6	0.0
25°	108.8	83.0	59.7	39.4	24.1	10.9	0.0
22.5°	111.9	85.4	61.4	40.3	24.6	11.1	0.0
20°	114.7	87.5	62.9	41.0	25.1	11.3	0.0
17.5°	117.2	89.5	64.2	41.7	25.5	11.4	0.0
15°	119.5	91.1	65.4	42.2	25.9	11.6	0.0
12.5°	121.4	92.6	66.4	42.7	26.2	11.7	0.0
10°	122.9	93.7	67.3	43.0	26.4	11.8	0.0
7.5°	124.1	94.6	67.9	43.3	26.6	11.9	0.0
5°	125.0	95.3	68.4	43.4	26.8	12.0	0.0
2.5°	125.5	95.7	68.7	43.5	26.9	12.0	0.0
0°	125.7	95.8	68.8	43.4	26.9	12.0	0.0
-2.5°	125.5	95.7	68.7	43.5	26.9	12.0	0.0
-5°	125.0	95.3	68.4	43.4	26.8	12.0	0.0
-7.5°	124.1	94.6	67.9	43.3	26.6	11.9	0.0
-10°	122.9	93.7	67.3	43.0	26.4	11.8	0.0
-12.5°	121.4	92.6	66.4	42.7	26.2	11.7	0.0
-15°	119.5	91.1	65.4	42.2	25.9	11.6	0.0
-17.5°	117.2	89.5	64.2	41.7	25.5	11.4	0.0
-20°	114.7	87.5	62.9	41.0	25.1	11.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	111.9	85.4	61.4	40.3	24.6	11.1	0.0
-25°	108.8	83.0	59.7	39.4	24.1	10.9	0.0
-27.5°	105.3	80.4	57.9	38.5	23.5	10.6	0.0
-30°	101.6	77.5	55.9	37.4	22.9	10.4	0.0
-32.5°	97.6	74.4	53.7	36.3	22.2	10.1	0.0
-35°	93.5	71.1	51.4	35.0	21.5	9.8	0.0
-37.5°	89.2	67.7	48.9	33.6	20.7	9.5	0.0
-40°	84.7	64.4	46.3	32.2	19.9	9.2	0.0
-42.5°	79.9	61.0	43.8	30.7	19.1	8.8	0.0
-45°	74.9	57.4	41.6	29.0	18.2	8.5	0.0
-47.5°	69.6	53.6	39.3	27.2	17.2	8.1	0.0
-50°	64.8	49.7	36.9	25.7	16.2	7.7	0.0
-52.5°	59.9	45.6	34.3	24.1	15.2	7.3	0.0
-55°	54.8	42.1	31.7	22.5	14.2	6.9	0.0
-57.5°	49.6	38.7	29.0	20.9	13.1	6.4	0.0
-60°	44.4	35.2	26.2	19.2	12.0	6.0	0.0
-62.5°	40.0	31.5	23.9	17.4	11.1	5.5	0.0
-65°	35.5	27.8	21.6	15.7	10.1	5.1	0.0
-67.5°	30.9	24.4	19.2	13.9	9.2	4.6	0.0
-70°	26.1	21.4	16.7	12.0	8.2	4.1	0.0
-72.5°	22.3	18.3	14.3	10.5	7.2	3.6	0.0
-75°	18.6	15.2	11.8	9.0	6.2	3.1	0.0
-77.5°	14.8	12.0	9.7	7.5	5.2	2.6	0.0
-80°	11.0	9.4	7.8	6.0	4.2	2.1	0.0
-82.5°	8.1	7.1	5.9	4.5	3.1	1.6	0.0
-85°	5.4	4.7	3.9	3.0	2.1	1.0	0.0
-87.5°	2.7	2.4	2.0	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)