

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: P559073 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-927-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559073 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5D-927-U-TSB-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

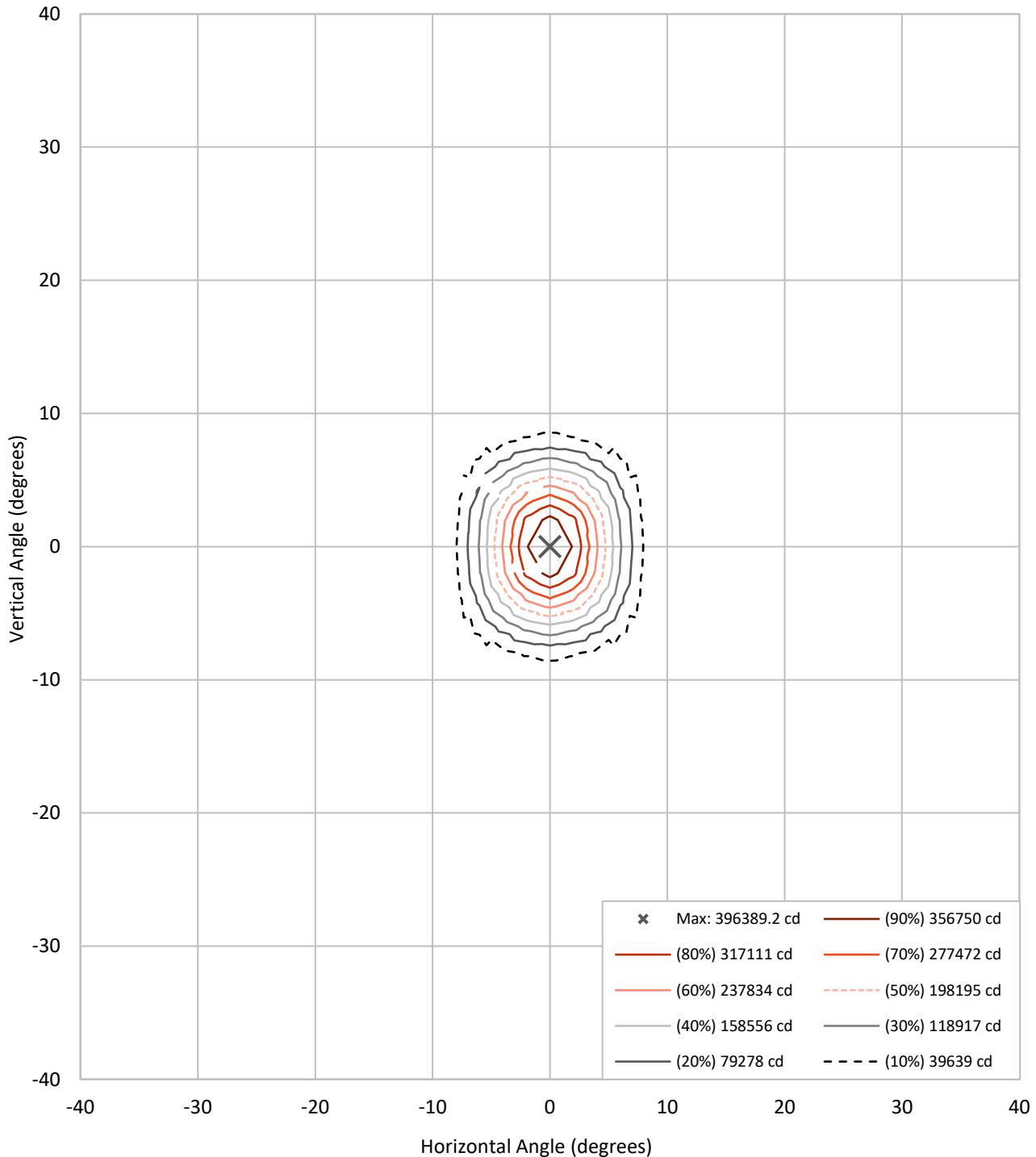
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	15436.2 lumens	Max Intensity:	396389.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	58.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	6616.3 lumens	Field Lumens:	11403 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 266
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



REPORT NUMBER: P559073 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





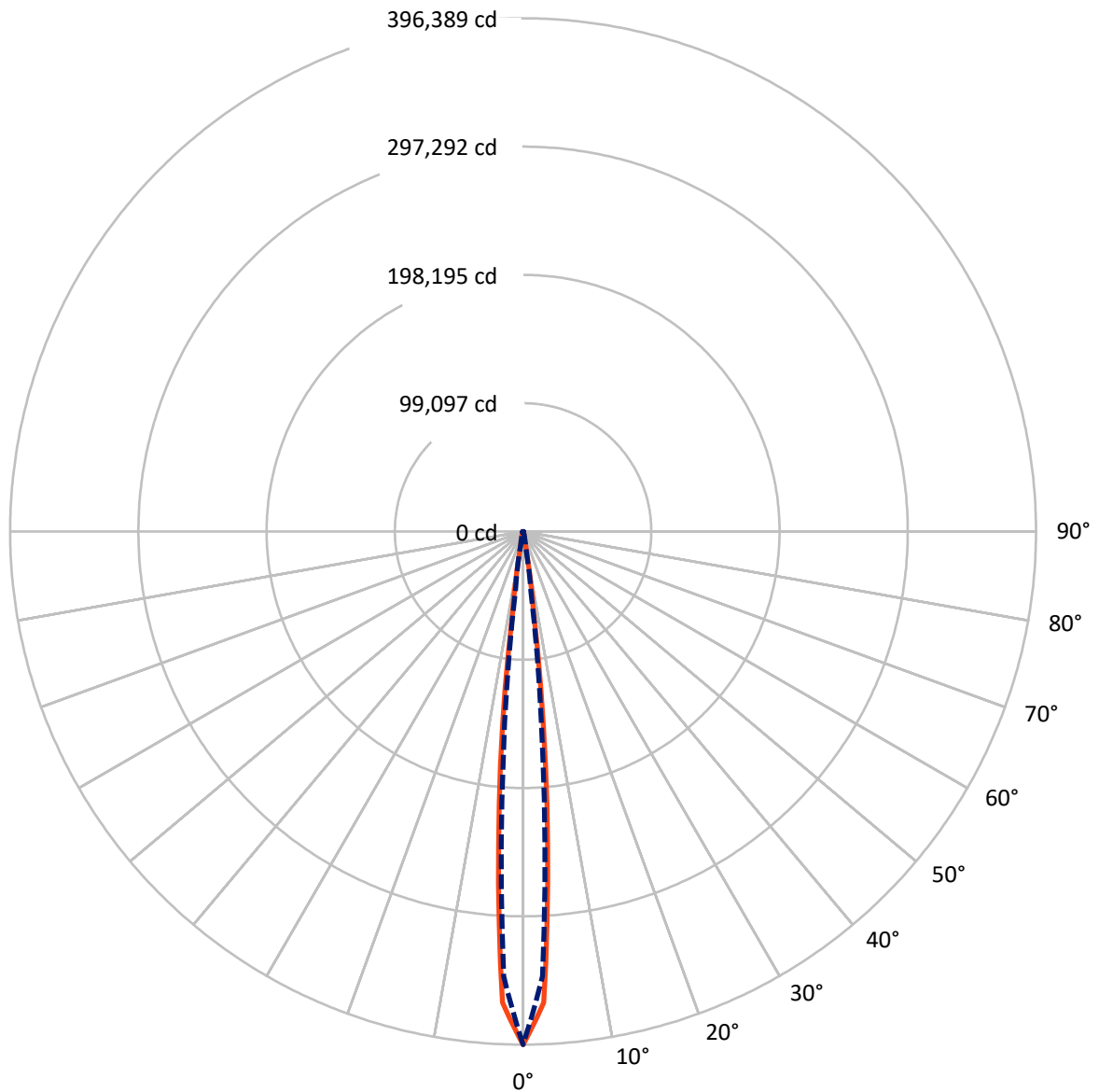
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Lumen Table

90	0.1		0.4		1.6		3.7		6.4		3.7		1.6		0.4		0.1
80	0.1		0.4		1.6		3.7		6.4		3.7		1.6		0.4		0.1
70	0.2	0.3	0.8	1.7	2.6	3.4	5.4	9.6	9.6	5.4	3.4	2.6	1.7	0.8	0.3	0.2	
60		0.6	1.5	3.2	5.0	6.8	9.2	12.5	12.5	9.2	6.8	5.0	3.2	1.5	0.6		
50	0.8	1.1	2.4	5.0	8.7	13.1	16.8	20.1	20.1	16.8	13.1	8.7	5.0	2.4	1.1	0.8	
40		1.7	3.4	7.5	13.6	18.3	20.7	21.9	21.9	20.7	18.3	13.6	7.5	3.4	1.7		
30	1.6	2.5	4.8	10.6	16.6	19.9	27.1	35.6	35.6	27.1	19.9	16.6	10.6	4.8	2.5	1.6	
20		3.4	6.6	13.5	18.4	26.2	53.0	106.0	106.0	53.0	26.2	18.4	13.5	6.6	3.4		
10	1.8	3.8	7.9	15.0	19.1	33.6	104.9	3101.4	3101.4	104.9	33.6	19.1	15.0	7.9	3.8	1.8	
0		3.8	7.9	15.0	19.1	33.6	104.9	3101.4	3101.4	104.9	33.6	19.1	15.0	7.9	3.8		
-10	1.6	3.4	6.6	13.5	18.4	26.2	53.0	106.0	106.0	53.0	26.2	18.4	13.5	6.6	3.4	1.6	
-20		2.5	4.8	10.6	16.6	19.9	27.1	35.6	35.6	27.1	19.9	16.6	10.6	4.8	2.5		
-30	0.8	1.7	3.4	7.5	13.6	18.3	20.7	21.9	21.9	20.7	18.3	13.6	7.5	3.4	1.7	0.8	
-40		1.1	2.4	5.0	8.7	13.1	16.8	20.1	20.1	16.8	13.1	8.7	5.0	2.4	1.1		
-50	0.2	0.6	1.5	3.2	5.0	6.8	9.2	12.5	12.5	9.2	6.8	5.0	3.2	1.5	0.6	0.2	
-60		0.3	0.8	1.7	2.6	3.4	5.4	9.6	9.6	5.4	3.4	2.6	1.7	0.8	0.3		
-70	0.1		0.4		1.6		3.7		6.4		3.7		1.6		0.4		0.1
-80	0.1		0.4		1.6		3.7		6.4		3.7		1.6		0.4		0.1
-90	0.1		0.4		1.6		3.7		6.4		3.7		1.6		0.4		0.1

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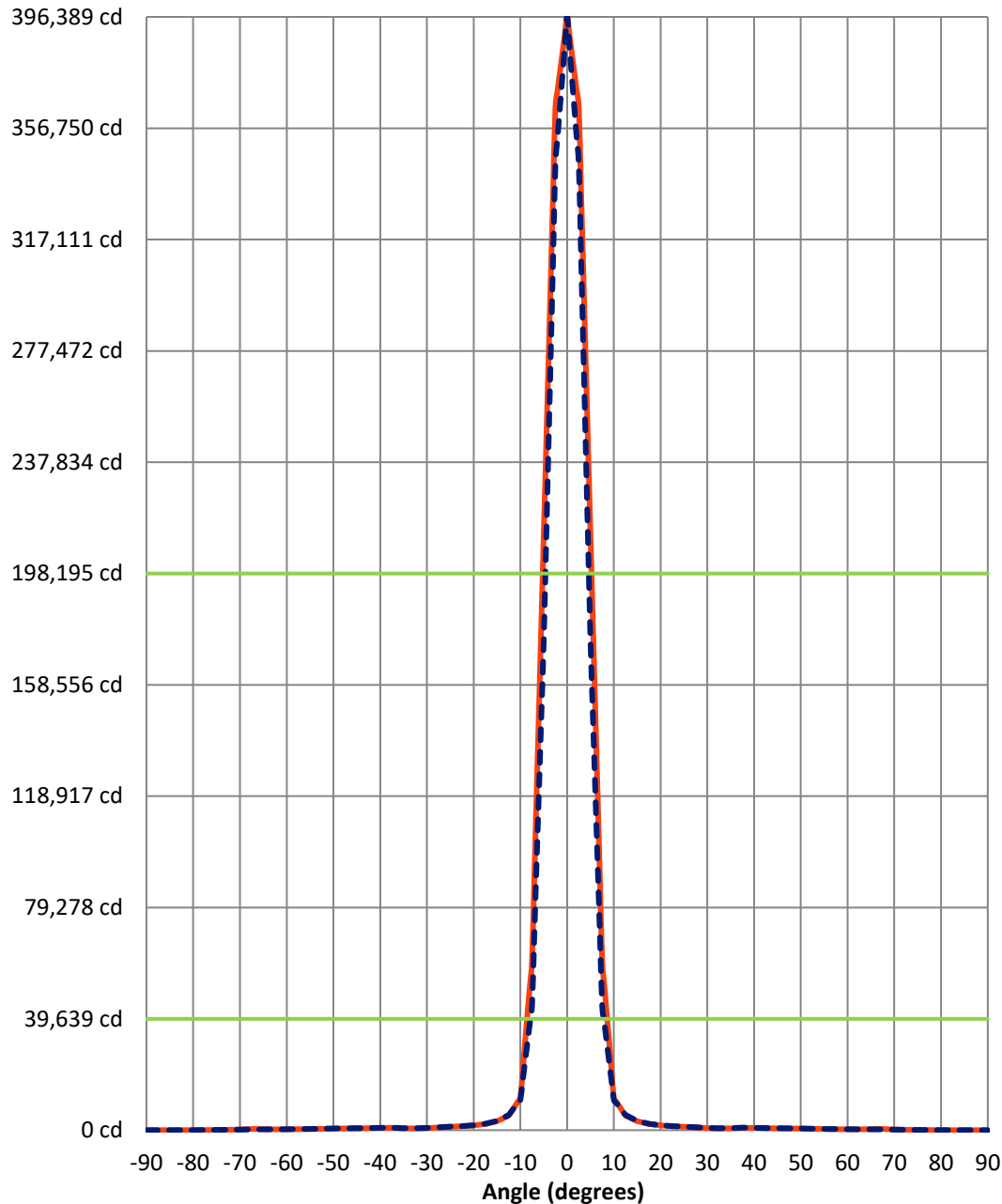
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 6616.3
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 11403
Efficiency: 73.9%

Spill:
Lumens: 4033.2
Efficiency: 26.1%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.5	4.5	4.5
80°	0.0	0.8	1.6	2.3	3.1	3.9	4.5	4.5	4.5	4.5	4.5
77.5°	0.0	1.0	1.9	2.9	3.9	4.5	4.5	4.5	4.5	4.5	5.0
75°	0.0	1.2	2.3	3.5	4.5	4.5	4.5	4.5	4.7	5.9	6.9
72.5°	0.0	1.4	2.7	4.0	4.5	4.5	4.5	5.0	6.6	7.9	8.9
70°	0.0	1.5	3.1	4.5	4.5	4.5	4.7	6.8	8.6	9.9	12.3
67.5°	0.0	1.7	3.4	4.5	4.5	4.5	6.4	8.7	10.6	13.6	16.2
65°	0.0	1.9	3.8	4.5	4.5	5.3	8.1	10.6	14.0	17.2	20.6
62.5°	0.0	2.1	4.2	4.5	4.5	6.8	9.8	13.3	17.3	21.3	26.5
60°	0.0	2.2	4.5	4.5	4.5	8.2	11.5	16.4	20.7	27.0	32.5
57.5°	0.0	2.4	4.5	4.5	5.7	9.7	14.4	19.4	25.6	32.7	39.3
55°	0.0	2.6	4.6	4.5	6.9	11.2	17.5	22.8	30.9	38.7	46.6
52.5°	0.0	2.7	4.6	4.5	8.1	12.9	20.7	27.8	36.2	45.6	54.1
50°	0.0	2.9	4.7	4.5	9.2	15.7	23.9	33.3	41.8	52.7	63.1
47.5°	0.0	3.0	4.7	4.7	10.4	18.5	27.5	38.9	48.3	59.8	72.7
45°	0.0	3.2	4.8	5.6	11.5	21.4	32.5	44.7	56.0	68.8	82.5
42.5°	0.0	3.3	4.9	6.4	12.6	24.2	37.7	51.3	64.1	78.0	94.2
40°	0.0	3.4	4.9	7.2	14.3	27.1	42.9	58.6	72.9	87.6	106.5
37.5°	0.0	3.6	5.0	7.9	16.5	30.0	48.1	66.0	83.0	99.7	119.2
35°	0.0	3.7	5.1	8.6	18.6	33.7	53.4	73.5	93.3	113.7	131.5
32.5°	0.0	3.8	5.2	9.2	20.8	37.8	58.9	81.1	103.6	128.2	147.0
30°	0.0	3.9	5.3	9.8	22.8	41.9	65.1	89.1	114.0	143.1	164.5
27.5°	0.0	4.0	5.5	10.2	24.1	45.9	71.1	97.6	125.2	158.5	183.7
25°	0.0	4.1	5.6	10.6	25.2	49.7	77.1	106.0	137.8	174.6	204.5
22.5°	0.0	4.2	5.7	10.9	26.0	52.8	83.0	114.3	150.5	191.5	222.1
20°	0.0	4.2	5.8	11.2	26.6	53.9	88.7	122.4	163.0	209.1	239.4
17.5°	0.0	4.3	6.0	11.4	27.0	54.6	91.7	130.2	175.4	227.2	256.4
15°	0.0	4.3	6.1	11.5	27.2	54.9	92.8	135.8	187.5	245.5	273.0
12.5°	0.0	4.4	6.2	11.6	27.2	54.8	93.5	138.8	195.3	263.8	289.3
10°	0.0	4.4	6.3	11.6	27.0	54.4	93.7	141.3	199.2	270.8	300.9
7.5°	0.0	4.5	6.5	11.6	26.6	53.7	93.5	143.5	202.2	275.0	302.9
5°	0.0	4.5	6.6	11.5	26.2	52.6	92.9	145.2	204.1	277.9	304.6
2.5°	0.0	4.5	6.7	11.4	25.5	51.2	91.8	146.2	205.1	279.4	305.9
0°	0.0	4.5	6.8	11.3	24.8	49.6	90.2	146.6	205.2	279.6	306.7
-2.5°	0.0	4.5	6.7	11.4	25.5	51.2	91.8	146.2	205.1	279.4	305.9
-5°	0.0	4.5	6.6	11.5	26.2	52.6	92.9	145.2	204.1	277.9	304.6
-7.5°	0.0	4.5	6.5	11.6	26.6	53.7	93.5	143.5	202.2	275.0	302.9
-10°	0.0	4.4	6.3	11.6	27.0	54.4	93.7	141.3	199.2	270.8	300.9
-12.5°	0.0	4.4	6.2	11.6	27.2	54.8	93.5	138.8	195.3	263.8	289.3
-15°	0.0	4.3	6.1	11.5	27.2	54.9	92.8	135.8	187.5	245.5	273.0
-17.5°	0.0	4.3	6.0	11.4	27.0	54.6	91.7	130.2	175.4	227.2	256.4
-20°	0.0	4.2	5.8	11.2	26.6	53.9	88.7	122.4	163.0	209.1	239.4



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 CATALOG NUMBER: GFLD-SA5D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.2	5.7	10.9	26.0	52.8	83.0	114.3	150.5	191.5	222.1
-25°	0.0	4.1	5.6	10.6	25.2	49.7	77.1	106.0	137.8	174.6	204.5
-27.5°	0.0	4.0	5.5	10.2	24.1	45.9	71.1	97.6	125.2	158.5	183.7
-30°	0.0	3.9	5.3	9.8	22.8	41.9	65.1	89.1	114.0	143.1	164.5
-32.5°	0.0	3.8	5.2	9.2	20.8	37.8	58.9	81.1	103.6	128.2	147.0
-35°	0.0	3.7	5.1	8.6	18.6	33.7	53.4	73.5	93.3	113.7	131.5
-37.5°	0.0	3.6	5.0	7.9	16.5	30.0	48.1	66.0	83.0	99.7	119.2
-40°	0.0	3.4	4.9	7.2	14.3	27.1	42.9	58.6	72.9	87.6	106.5
-42.5°	0.0	3.3	4.9	6.4	12.6	24.2	37.7	51.3	64.1	78.0	94.2
-45°	0.0	3.2	4.8	5.6	11.5	21.4	32.5	44.7	56.0	68.8	82.5
-47.5°	0.0	3.0	4.7	4.7	10.4	18.5	27.5	38.9	48.3	59.8	72.7
-50°	0.0	2.9	4.7	4.5	9.2	15.7	23.9	33.3	41.8	52.7	63.1
-52.5°	0.0	2.7	4.6	4.5	8.1	12.9	20.7	27.8	36.2	45.6	54.1
-55°	0.0	2.6	4.6	4.5	6.9	11.2	17.5	22.8	30.9	38.7	46.6
-57.5°	0.0	2.4	4.5	4.5	5.7	9.7	14.4	19.4	25.6	32.7	39.3
-60°	0.0	2.2	4.5	4.5	4.5	8.2	11.5	16.4	20.7	27.0	32.5
-62.5°	0.0	2.1	4.2	4.5	4.5	6.8	9.8	13.3	17.3	21.3	26.5
-65°	0.0	1.9	3.8	4.5	4.5	5.3	8.1	10.6	14.0	17.2	20.6
-67.5°	0.0	1.7	3.4	4.5	4.5	4.5	6.4	8.7	10.6	13.6	16.2
-70°	0.0	1.5	3.1	4.5	4.5	4.5	4.7	6.8	8.6	9.9	12.3
-72.5°	0.0	1.4	2.7	4.0	4.5	4.5	4.5	5.0	6.6	7.9	8.9
-75°	0.0	1.2	2.3	3.5	4.5	4.5	4.5	4.5	4.7	5.9	6.9
-77.5°	0.0	1.0	1.9	2.9	3.9	4.5	4.5	4.5	4.5	4.5	5.0
-80°	0.0	0.8	1.6	2.3	3.1	3.9	4.5	4.5	4.5	4.5	4.5
-82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.5	4.5	4.5
-85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
-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-SA5D-927-U-TSB-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°	1.8	1.7	1.5	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.8
85°	3.7	3.4	3.0	2.6	2.8	2.9	3.1	3.2	3.3	3.5	3.6
82.5°	4.2	4.0	3.9	3.9	4.1	4.3	4.6	5.0	5.4	5.8	6.2
80°	4.4	4.5	5.1	5.8	6.4	7.0	7.6	8.2	8.7	9.6	10.8
77.5°	5.8	6.7	7.5	8.3	9.3	11.0	12.5	13.8	15.3	17.2	19.1
75°	7.9	8.9	11.1	13.6	15.9	17.6	19.2	21.7	24.7	28.0	31.2
72.5°	10.8	13.5	16.5	19.7	23.5	26.7	29.8	32.7	37.5	42.9	46.8
70°	14.9	18.2	22.9	28.0	32.9	37.1	43.2	50.5	58.0	61.7	64.0
67.5°	19.1	24.6	30.3	36.4	43.2	50.2	58.7	66.6	74.2	77.2	80.1
65°	24.9	31.1	38.1	45.6	53.3	61.8	70.5	79.4	87.3	91.3	95.9
62.5°	30.8	38.1	46.1	54.6	63.2	72.3	82.9	91.8	98.5	106.7	116.2
60°	37.8	45.1	54.2	63.6	73.6	86.2	96.8	106.7	115.9	125.1	139.4
57.5°	45.2	52.3	62.4	73.5	87.1	101.6	113.6	124.3	137.0	150.2	164.6
55°	53.3	59.6	71.1	84.8	100.4	117.6	131.8	146.5	161.0	172.8	185.6
52.5°	62.5	68.3	80.3	96.0	114.2	133.6	152.4	167.7	181.2	194.1	208.7
50°	72.2	79.5	89.3	108.2	128.3	150.3	171.7	187.0	202.4	217.6	234.0
47.5°	83.4	91.6	99.8	120.2	143.1	165.6	187.7	207.3	224.3	244.6	263.4
45°	95.7	105.3	114.1	133.0	156.6	179.4	204.0	227.7	251.5	275.5	305.5
42.5°	108.6	119.1	130.4	145.1	168.6	193.9	220.2	251.7	282.0	315.3	354.3
40°	121.3	132.9	146.3	159.6	180.4	208.7	240.7	276.0	318.8	362.0	409.2
37.5°	133.6	147.0	161.5	175.2	193.6	225.4	260.7	305.8	357.3	411.9	471.9
35°	145.6	160.5	175.3	191.4	212.1	242.9	286.6	337.6	399.4	468.4	523.3
32.5°	157.5	173.5	188.4	208.0	233.4	265.0	311.4	375.8	447.1	517.0	553.7
30°	172.3	185.1	201.5	223.5	254.2	294.5	344.9	414.3	495.3	543.1	577.2
27.5°	192.1	196.7	215.2	240.9	275.6	323.4	386.1	458.2	525.3	567.2	597.8
25°	211.5	216.3	228.0	258.5	301.3	357.7	428.1	510.3	550.1	585.5	620.9
22.5°	230.1	235.1	249.8	275.1	326.1	392.6	474.4	546.3	584.3	606.8	645.2
20°	247.6	255.4	273.4	302.7	351.6	425.6	519.3	579.8	615.9	642.9	678.3
17.5°	264.4	275.1	297.3	332.9	387.5	462.7	560.1	613.1	648.3	674.4	718.3
15°	280.7	294.4	320.3	361.1	420.9	502.4	587.4	640.4	678.2	704.0	755.3
12.5°	296.5	313.2	342.2	387.4	451.0	537.1	610.5	658.0	695.8	735.2	788.1
10°	311.8	331.4	363.2	411.7	477.9	566.9	629.8	672.1	709.9	760.0	815.2
7.5°	314.1	340.5	380.3	434.1	501.8	592.2	645.7	683.2	724.2	782.8	839.8
5°	314.2	339.9	381.6	439.9	513.1	607.1	656.9	691.6	738.0	803.1	861.7
2.5°	313.9	338.3	381.9	441.9	516.0	608.7	658.5	693.7	745.9	822.9	881.9
0°	313.4	336.0	381.1	442.0	516.4	606.6	658.5	694.5	750.9	841.1	899.7
-2.5°	313.9	338.3	381.9	441.9	516.0	608.7	658.5	693.7	745.9	822.9	881.9
-5°	314.2	339.9	381.6	439.9	513.1	607.1	656.9	691.6	738.0	803.1	861.7
-7.5°	314.1	340.5	380.3	434.1	501.8	592.2	645.7	683.2	724.2	782.8	839.8
-10°	311.8	331.4	363.2	411.7	477.9	566.9	629.8	672.1	709.9	760.0	815.2
-12.5°	296.5	313.2	342.2	387.4	451.0	537.1	610.5	658.0	695.8	735.2	788.1
-15°	280.7	294.4	320.3	361.1	420.9	502.4	587.4	640.4	678.2	704.0	755.3
-17.5°	264.4	275.1	297.3	332.9	387.5	462.7	560.1	613.1	648.3	674.4	718.3
-20°	247.6	255.4	273.4	302.7	351.6	425.6	519.3	579.8	615.9	642.9	678.3



REPORT NUMBER: P559073 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	230.1	235.1	249.8	275.1	326.1	392.6	474.4	546.3	584.3	606.8	645.2
-25°	211.5	216.3	228.0	258.5	301.3	357.7	428.1	510.3	550.1	585.5	620.9
-27.5°	192.1	196.7	215.2	240.9	275.6	323.4	386.1	458.2	525.3	567.2	597.8
-30°	172.3	185.1	201.5	223.5	254.2	294.5	344.9	414.3	495.3	543.1	577.2
-32.5°	157.5	173.5	188.4	208.0	233.4	265.0	311.4	375.8	447.1	517.0	553.7
-35°	145.6	160.5	175.3	191.4	212.1	242.9	286.6	337.6	399.4	468.4	523.3
-37.5°	133.6	147.0	161.5	175.2	193.6	225.4	260.7	305.8	357.3	411.9	471.9
-40°	121.3	132.9	146.3	159.6	180.4	208.7	240.7	276.0	318.8	362.0	409.2
-42.5°	108.6	119.1	130.4	145.1	168.6	193.9	220.2	251.7	282.0	315.3	354.3
-45°	95.7	105.3	114.1	133.0	156.6	179.4	204.0	227.7	251.5	275.5	305.5
-47.5°	83.4	91.6	99.8	120.2	143.1	165.6	187.7	207.3	224.3	244.6	263.4
-50°	72.2	79.5	89.3	108.2	128.3	150.3	171.7	187.0	202.4	217.6	234.0
-52.5°	62.5	68.3	80.3	96.0	114.2	133.6	152.4	167.7	181.2	194.1	208.7
-55°	53.3	59.6	71.1	84.8	100.4	117.6	131.8	146.5	161.0	172.8	185.6
-57.5°	45.2	52.3	62.4	73.5	87.1	101.6	113.6	124.3	137.0	150.2	164.6
-60°	37.8	45.1	54.2	63.6	73.6	86.2	96.8	106.7	115.9	125.1	139.4
-62.5°	30.8	38.1	46.1	54.6	63.2	72.3	82.9	91.8	98.5	106.7	116.2
-65°	24.9	31.1	38.1	45.6	53.3	61.8	70.5	79.4	87.3	91.3	95.9
-67.5°	19.1	24.6	30.3	36.4	43.2	50.2	58.7	66.6	74.2	77.2	80.1
-70°	14.9	18.2	22.9	28.0	32.9	37.1	43.2	50.5	58.0	61.7	64.0
-72.5°	10.8	13.5	16.5	19.7	23.5	26.7	29.8	32.7	37.5	42.9	46.8
-75°	7.9	8.9	11.1	13.6	15.9	17.6	19.2	21.7	24.7	28.0	31.2
-77.5°	5.8	6.7	7.5	8.3	9.3	11.0	12.5	13.8	15.3	17.2	19.1
-80°	4.4	4.5	5.1	5.8	6.4	7.0	7.6	8.2	8.7	9.6	10.8
-82.5°	4.2	4.0	3.9	3.9	4.1	4.3	4.6	5.0	5.4	5.8	6.2
-85°	3.7	3.4	3.0	2.6	2.8	2.9	3.1	3.2	3.3	3.5	3.6
-87.5°	1.8	1.7	1.5	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559073 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.3
85°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	4.4	4.4
82.5°	6.5	6.9	7.2	7.5	7.7	8.0	8.2	8.4	8.5	8.7	8.8
80°	12.0	13.0	13.7	14.3	14.6	16.3	18.2	20.3	22.5	23.3	23.8
77.5°	21.5	23.1	24.1	24.8	25.3	28.8	33.4	38.1	43.0	45.6	47.6
75°	34.2	36.1	37.3	38.2	38.8	44.1	52.1	60.5	69.2	73.8	77.0
72.5°	49.5	51.1	52.3	53.4	54.1	62.0	76.4	92.1	108.8	119.0	126.4
70°	65.9	67.7	69.2	70.4	71.3	80.9	101.8	123.7	146.4	169.1	193.2
67.5°	83.4	87.1	89.1	90.2	91.4	99.5	121.9	142.5	161.6	202.5	267.1
65°	102.4	111.1	114.7	116.7	117.5	121.2	140.3	157.5	173.1	205.0	254.2
62.5°	126.6	138.1	143.4	145.7	147.1	147.3	162.9	177.4	190.6	210.5	241.9
60°	152.8	165.2	171.7	173.4	174.6	175.0	187.5	201.8	215.0	231.2	260.4
57.5°	176.7	188.3	197.9	201.7	204.7	206.9	217.8	234.6	250.2	266.5	297.9
55°	199.5	213.6	227.0	234.3	241.3	247.4	258.1	279.3	299.5	318.5	351.1
52.5°	224.4	242.4	260.3	273.7	286.8	298.2	309.8	337.2	364.1	389.5	421.2
50°	254.1	276.4	302.4	324.3	343.0	361.6	378.2	410.6	447.0	481.7	515.0
47.5°	291.8	321.2	354.4	385.6	411.0	439.7	465.7	499.1	531.3	563.5	591.0
45°	338.1	378.8	417.0	458.4	494.8	513.7	528.8	549.6	582.6	614.2	640.0
42.5°	397.3	444.6	491.7	522.4	545.8	561.2	572.1	583.0	617.8	648.4	673.3
40°	463.1	510.6	539.6	564.8	581.0	594.7	611.9	628.9	656.1	687.5	715.2
37.5°	520.1	550.6	576.2	595.9	615.5	633.7	658.5	682.9	708.9	744.0	769.7
35°	555.3	582.0	608.0	632.8	657.9	685.9	716.9	752.8	784.5	755.6	713.8
32.5°	582.1	609.6	640.9	679.2	713.8	752.1	790.9	728.5	664.6	639.6	644.7
30°	605.4	637.3	680.5	730.5	778.5	761.4	676.2	646.4	655.2	672.8	706.4
27.5°	630.4	670.2	722.7	784.3	746.5	652.2	657.2	674.4	732.8	782.4	857.6
25°	660.0	708.0	773.2	744.7	658.3	667.3	711.0	776.9	888.1	991.9	1082.5
22.5°	695.6	756.8	765.4	658.4	670.2	727.3	816.0	958.8	1093.9	1219.3	1312.8
20°	731.9	802.4	693.9	671.3	721.5	823.5	988.2	1152.2	1303.0	1415.1	1508.8
17.5°	775.2	750.3	673.5	697.6	799.1	975.3	1160.7	1334.5	1476.7	1670.6	1835.7
15°	813.2	700.1	685.9	765.3	918.0	1116.3	1317.7	1473.8	1730.7	2008.6	2289.6
12.5°	791.4	682.4	707.9	825.6	1026.3	1240.6	1418.7	1665.8	2005.8	2411.6	3021.4
10°	759.2	692.4	755.0	908.9	1119.0	1327.8	1512.8	1836.6	2285.4	3030.8	3991.0
7.5°	734.2	696.7	786.1	972.9	1187.9	1380.4	1627.0	2019.8	2645.3	3667.9	5712.4
5°	715.3	696.5	800.3	1009.9	1228.8	1416.8	1697.5	2153.0	2998.0	4454.9	7948.5
2.5°	707.0	692.8	804.2	1029.8	1248.8	1437.0	1741.3	2248.6	3220.6	5186.0	10451.9
0°	712.6	685.5	802.8	1037.3	1260.5	1434.2	1747.6	2277.5	3287.8	5455.9	10787.8
-2.5°	707.0	692.8	804.2	1029.8	1248.8	1437.0	1741.3	2248.6	3220.6	5186.0	10451.9
-5°	715.3	696.5	800.3	1009.9	1228.8	1416.8	1697.5	2153.0	2998.0	4454.9	7948.5
-7.5°	734.2	696.7	786.1	972.9	1187.9	1380.4	1627.0	2019.8	2645.3	3667.9	5712.4
-10°	759.2	692.4	755.0	908.9	1119.0	1327.8	1512.8	1836.6	2285.4	3030.8	3991.0
-12.5°	791.4	682.4	707.9	825.6	1026.3	1240.6	1418.7	1665.8	2005.8	2411.6	3021.4
-15°	813.2	700.1	685.9	765.3	918.0	1116.3	1317.7	1473.8	1730.7	2008.6	2289.6
-17.5°	775.2	750.3	673.5	697.6	799.1	975.3	1160.7	1334.5	1476.7	1670.6	1835.7
-20°	731.9	802.4	693.9	671.3	721.5	823.5	988.2	1152.2	1303.0	1415.1	1508.8



REPORT NUMBER: P559073 (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°	695.6	756.8	765.4	658.4	670.2	727.3	816.0	958.8	1093.9	1219.3	1312.8
-25°	660.0	708.0	773.2	744.7	658.3	667.3	711.0	776.9	888.1	991.9	1082.5
-27.5°	630.4	670.2	722.7	784.3	746.5	652.2	657.2	674.4	732.8	782.4	857.6
-30°	605.4	637.3	680.5	730.5	778.5	761.4	676.2	646.4	655.2	672.8	706.4
-32.5°	582.1	609.6	640.9	679.2	713.8	752.1	790.9	728.5	664.6	639.6	644.7
-35°	555.3	582.0	608.0	632.8	657.9	685.9	716.9	752.8	784.5	755.6	713.8
-37.5°	520.1	550.6	576.2	595.9	615.5	633.7	658.5	682.9	708.9	744.0	769.7
-40°	463.1	510.6	539.6	564.8	581.0	594.7	611.9	628.9	656.1	687.5	715.2
-42.5°	397.3	444.6	491.7	522.4	545.8	561.2	572.1	583.0	617.8	648.4	673.3
-45°	338.1	378.8	417.0	458.4	494.8	513.7	528.8	549.6	582.6	614.2	640.0
-47.5°	291.8	321.2	354.4	385.6	411.0	439.7	465.7	499.1	531.3	563.5	591.0
-50°	254.1	276.4	302.4	324.3	343.0	361.6	378.2	410.6	447.0	481.7	515.0
-52.5°	224.4	242.4	260.3	273.7	286.8	298.2	309.8	337.2	364.1	389.5	421.2
-55°	199.5	213.6	227.0	234.3	241.3	247.4	258.1	279.3	299.5	318.5	351.1
-57.5°	176.7	188.3	197.9	201.7	204.7	206.9	217.8	234.6	250.2	266.5	297.9
-60°	152.8	165.2	171.7	173.4	174.6	175.0	187.5	201.8	215.0	231.2	260.4
-62.5°	126.6	138.1	143.4	145.7	147.1	147.3	162.9	177.4	190.6	210.5	241.9
-65°	102.4	111.1	114.7	116.7	117.5	121.2	140.3	157.5	173.1	205.0	254.2
-67.5°	83.4	87.1	89.1	90.2	91.4	99.5	121.9	142.5	161.6	202.5	267.1
-70°	65.9	67.7	69.2	70.4	71.3	80.9	101.8	123.7	146.4	169.1	193.2
-72.5°	49.5	51.1	52.3	53.4	54.1	62.0	76.4	92.1	108.8	119.0	126.4
-75°	34.2	36.1	37.3	38.2	38.8	44.1	52.1	60.5	69.2	73.8	77.0
-77.5°	21.5	23.1	24.1	24.8	25.3	28.8	33.4	38.1	43.0	45.6	47.6
-80°	12.0	13.0	13.7	14.3	14.6	16.3	18.2	20.3	22.5	23.3	23.8
-82.5°	6.5	6.9	7.2	7.5	7.7	8.0	8.2	8.4	8.5	8.7	8.8
-85°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	4.4	4.4
-87.5°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.3
-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: P559073 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
85°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3
82.5°	8.9	8.9	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.5	8.4
80°	24.3	24.6	23.6	22.5	23.6	24.6	24.3	23.8	23.3	22.5	20.3
77.5°	49.6	51.3	49.6	47.4	49.6	51.3	49.6	47.6	45.6	43.0	38.1
75°	79.9	82.5	81.0	78.9	81.0	82.5	79.9	77.0	73.8	69.2	60.5
72.5°	133.5	140.1	138.5	135.3	138.5	140.1	133.5	126.4	119.0	108.8	92.1
70°	218.5	244.2	243.1	236.8	243.1	244.2	218.5	193.2	169.1	146.4	123.7
67.5°	336.9	409.7	432.7	444.2	432.7	409.7	336.9	267.1	202.5	161.6	142.5
65°	300.1	344.0	361.4	374.3	361.4	344.0	300.1	254.2	205.0	173.1	157.5
62.5°	269.9	296.0	301.6	302.2	301.6	296.0	269.9	241.9	210.5	190.6	177.4
60°	288.8	316.5	320.6	315.7	320.6	316.5	288.8	260.4	231.2	215.0	201.8
57.5°	328.1	357.1	362.4	356.3	362.4	357.1	328.1	297.9	266.5	250.2	234.6
55°	382.3	411.5	421.2	419.4	421.2	411.5	382.3	351.1	318.5	299.5	279.3
52.5°	451.5	478.5	489.6	489.3	489.6	478.5	451.5	421.2	389.5	364.1	337.2
50°	544.0	568.1	580.1	581.8	580.1	568.1	544.0	515.0	481.7	447.0	410.6
47.5°	610.7	626.5	634.8	635.9	634.8	626.5	610.7	591.0	563.5	531.3	499.1
45°	651.5	660.0	666.5	672.0	666.5	660.0	651.5	640.0	614.2	582.6	549.6
42.5°	690.0	707.7	720.9	723.8	720.9	707.7	690.0	673.3	648.4	617.8	583.0
40°	741.4	765.9	789.4	814.0	789.4	765.9	741.4	715.2	687.5	656.1	628.9
37.5°	796.5	823.7	846.4	859.1	846.4	823.7	796.5	769.7	744.0	708.9	682.9
35°	684.4	666.5	655.8	651.7	655.8	666.5	684.4	713.8	755.6	784.5	752.8
32.5°	647.7	649.0	647.0	642.7	647.0	649.0	647.7	644.7	639.6	664.6	728.5
30°	731.4	743.4	744.9	744.1	744.9	743.4	731.4	706.4	672.8	655.2	646.4
27.5°	913.2	943.6	953.1	971.9	953.1	943.6	913.2	857.6	782.4	732.8	674.4
25°	1152.8	1198.7	1220.8	1229.0	1220.8	1198.7	1152.8	1082.5	991.9	888.1	776.9
22.5°	1365.7	1400.8	1421.4	1438.7	1421.4	1400.8	1365.7	1312.8	1219.3	1093.9	958.8
20°	1618.1	1682.2	1711.5	1713.8	1711.5	1682.2	1618.1	1508.8	1415.1	1303.0	1152.2
17.5°	2012.1	2136.8	2199.1	2216.6	2199.1	2136.8	2012.1	1835.7	1670.6	1476.7	1334.5
15°	2633.7	2951.9	3115.7	3193.1	3115.7	2951.9	2633.7	2289.6	2008.6	1730.7	1473.8
12.5°	3647.6	4365.2	4945.5	5163.9	4945.5	4365.2	3647.6	3021.4	2411.6	2005.8	1665.8
10°	5656.6	7799.6	10303.1	11471.1	10303.1	7799.6	5656.6	3991.0	3030.8	2285.4	1836.6
7.5°	10943.3	25408.1	49245.3	60616.1	49245.3	25408.1	10943.3	5712.4	3667.9	2645.3	2019.8
5°	23325.8	100666.8	180281.6	211756.1	180281.6	100666.8	23325.8	7948.5	4454.9	2998.0	2153.0
2.5°	37152.9	165106.6	311529.6	364269.3	311529.6	165106.6	37152.9	10451.9	5186.0	3220.6	2248.6
0°	44390.4	173991.9	343765.9	396389.2	343765.9	173991.9	44390.4	10787.8	5455.9	3287.8	2277.5
-2.5°	37152.9	165106.6	311529.6	364269.3	311529.6	165106.6	37152.9	10451.9	5186.0	3220.6	2248.6
-5°	23325.8	100666.8	180281.6	211756.1	180281.6	100666.8	23325.8	7948.5	4454.9	2998.0	2153.0
-7.5°	10943.3	25408.1	49245.3	60616.1	49245.3	25408.1	10943.3	5712.4	3667.9	2645.3	2019.8
-10°	5656.6	7799.6	10303.1	11471.1	10303.1	7799.6	5656.6	3991.0	3030.8	2285.4	1836.6
-12.5°	3647.6	4365.2	4945.5	5163.9	4945.5	4365.2	3647.6	3021.4	2411.6	2005.8	1665.8
-15°	2633.7	2951.9	3115.7	3193.1	3115.7	2951.9	2633.7	2289.6	2008.6	1730.7	1473.8
-17.5°	2012.1	2136.8	2199.1	2216.6	2199.1	2136.8	2012.1	1835.7	1670.6	1476.7	1334.5
-20°	1618.1	1682.2	1711.5	1713.8	1711.5	1682.2	1618.1	1508.8	1415.1	1303.0	1152.2



REPORT NUMBER: P559073 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1365.7	1400.8	1421.4	1438.7	1421.4	1400.8	1365.7	1312.8	1219.3	1093.9	958.8
-25°	1152.8	1198.7	1220.8	1229.0	1220.8	1198.7	1152.8	1082.5	991.9	888.1	776.9
-27.5°	913.2	943.6	953.1	971.9	953.1	943.6	913.2	857.6	782.4	732.8	674.4
-30°	731.4	743.4	744.9	744.1	744.9	743.4	731.4	706.4	672.8	655.2	646.4
-32.5°	647.7	649.0	647.0	642.7	647.0	649.0	647.7	644.7	639.6	664.6	728.5
-35°	684.4	666.5	655.8	651.7	655.8	666.5	684.4	713.8	755.6	784.5	752.8
-37.5°	796.5	823.7	846.4	859.1	846.4	823.7	796.5	769.7	744.0	708.9	682.9
-40°	741.4	765.9	789.4	814.0	789.4	765.9	741.4	715.2	687.5	656.1	628.9
-42.5°	690.0	707.7	720.9	723.8	720.9	707.7	690.0	673.3	648.4	617.8	583.0
-45°	651.5	660.0	666.5	672.0	666.5	660.0	651.5	640.0	614.2	582.6	549.6
-47.5°	610.7	626.5	634.8	635.9	634.8	626.5	610.7	591.0	563.5	531.3	499.1
-50°	544.0	568.1	580.1	581.8	580.1	568.1	544.0	515.0	481.7	447.0	410.6
-52.5°	451.5	478.5	489.6	489.3	489.6	478.5	451.5	421.2	389.5	364.1	337.2
-55°	382.3	411.5	421.2	419.4	421.2	411.5	382.3	351.1	318.5	299.5	279.3
-57.5°	328.1	357.1	362.4	356.3	362.4	357.1	328.1	297.9	266.5	250.2	234.6
-60°	288.8	316.5	320.6	315.7	320.6	316.5	288.8	260.4	231.2	215.0	201.8
-62.5°	269.9	296.0	301.6	302.2	301.6	296.0	269.9	241.9	210.5	190.6	177.4
-65°	300.1	344.0	361.4	374.3	361.4	344.0	300.1	254.2	205.0	173.1	157.5
-67.5°	336.9	409.7	432.7	444.2	432.7	409.7	336.9	267.1	202.5	161.6	142.5
-70°	218.5	244.2	243.1	236.8	243.1	244.2	218.5	193.2	169.1	146.4	123.7
-72.5°	133.5	140.1	138.5	135.3	138.5	140.1	133.5	126.4	119.0	108.8	92.1
-75°	79.9	82.5	81.0	78.9	81.0	82.5	79.9	77.0	73.8	69.2	60.5
-77.5°	49.6	51.3	49.6	47.4	49.6	51.3	49.6	47.6	45.6	43.0	38.1
-80°	24.3	24.6	23.6	22.5	23.6	24.6	24.3	23.8	23.3	22.5	20.3
-82.5°	8.9	8.9	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.5	8.4
-85°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3
-87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	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



REPORT NUMBER: P559073 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6
85°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.3	3.2
82.5°	8.2	8.0	7.7	7.5	7.2	6.9	6.5	6.2	5.8	5.4	5.0
80°	18.2	16.3	14.6	14.3	13.7	13.0	12.0	10.8	9.6	8.7	8.2
77.5°	33.4	28.8	25.3	24.8	24.1	23.1	21.5	19.1	17.2	15.3	13.8
75°	52.1	44.1	38.8	38.2	37.3	36.1	34.2	31.2	28.0	24.7	21.7
72.5°	76.4	62.0	54.1	53.4	52.3	51.1	49.5	46.8	42.9	37.5	32.7
70°	101.8	80.9	71.3	70.4	69.2	67.7	65.9	64.0	61.7	58.0	50.5
67.5°	121.9	99.5	91.4	90.2	89.1	87.1	83.4	80.1	77.2	74.2	66.6
65°	140.3	121.2	117.5	116.7	114.7	111.1	102.4	95.9	91.3	87.3	79.4
62.5°	162.9	147.3	147.1	145.7	143.4	138.1	126.6	116.2	106.7	98.5	91.8
60°	187.5	175.0	174.6	173.4	171.7	165.2	152.8	139.4	125.1	115.9	106.7
57.5°	217.8	206.9	204.7	201.7	197.9	188.3	176.7	164.6	150.2	137.0	124.3
55°	258.1	247.4	241.3	234.3	227.0	213.6	199.5	185.6	172.8	161.0	146.5
52.5°	309.8	298.2	286.8	273.7	260.3	242.4	224.4	208.7	194.1	181.2	167.7
50°	378.2	361.6	343.0	324.3	302.4	276.4	254.1	234.0	217.6	202.4	187.0
47.5°	465.7	439.7	411.0	385.6	354.4	321.2	291.8	263.4	244.6	224.3	207.3
45°	528.8	513.7	494.8	458.4	417.0	378.8	338.1	305.5	275.5	251.5	227.7
42.5°	572.1	561.2	545.8	522.4	491.7	444.6	397.3	354.3	315.3	282.0	251.7
40°	611.9	594.7	581.0	564.8	539.6	510.6	463.1	409.2	362.0	318.8	276.0
37.5°	658.5	633.7	615.5	595.9	576.2	550.6	520.1	471.9	411.9	357.3	305.8
35°	716.9	685.9	657.9	632.8	608.0	582.0	555.3	523.3	468.4	399.4	337.6
32.5°	790.9	752.1	713.8	679.2	640.9	609.6	582.1	553.7	517.0	447.1	375.8
30°	676.2	761.4	778.5	730.5	680.5	637.3	605.4	577.2	543.1	495.3	414.3
27.5°	657.2	652.2	746.5	784.3	722.7	670.2	630.4	597.8	567.2	525.3	458.2
25°	711.0	667.3	658.3	744.7	773.2	708.0	660.0	620.9	585.5	550.1	510.3
22.5°	816.0	727.3	670.2	658.4	765.4	756.8	695.6	645.2	606.8	584.3	546.3
20°	988.2	823.5	721.5	671.3	693.9	802.4	731.9	678.3	642.9	615.9	579.8
17.5°	1160.7	975.3	799.1	697.6	673.5	750.3	775.2	718.3	674.4	648.3	613.1
15°	1317.7	1116.3	918.0	765.3	685.9	700.1	813.2	755.3	704.0	678.2	640.4
12.5°	1418.7	1240.6	1026.3	825.6	707.9	682.4	791.4	788.1	735.2	695.8	658.0
10°	1512.8	1327.8	1119.0	908.9	755.0	692.4	759.2	815.2	760.0	709.9	672.1
7.5°	1627.0	1380.4	1187.9	972.9	786.1	696.7	734.2	839.8	782.8	724.2	683.2
5°	1697.5	1416.8	1228.8	1009.9	800.3	696.5	715.3	861.7	803.1	738.0	691.6
2.5°	1741.3	1437.0	1248.8	1029.8	804.2	692.8	707.0	881.9	822.9	745.9	693.7
0°	1747.6	1434.2	1260.5	1037.3	802.8	685.5	712.6	899.7	841.1	750.9	694.5
-2.5°	1741.3	1437.0	1248.8	1029.8	804.2	692.8	707.0	881.9	822.9	745.9	693.7
-5°	1697.5	1416.8	1228.8	1009.9	800.3	696.5	715.3	861.7	803.1	738.0	691.6
-7.5°	1627.0	1380.4	1187.9	972.9	786.1	696.7	734.2	839.8	782.8	724.2	683.2
-10°	1512.8	1327.8	1119.0	908.9	755.0	692.4	759.2	815.2	760.0	709.9	672.1
-12.5°	1418.7	1240.6	1026.3	825.6	707.9	682.4	791.4	788.1	735.2	695.8	658.0
-15°	1317.7	1116.3	918.0	765.3	685.9	700.1	813.2	755.3	704.0	678.2	640.4
-17.5°	1160.7	975.3	799.1	697.6	673.5	750.3	775.2	718.3	674.4	648.3	613.1
-20°	988.2	823.5	721.5	671.3	693.9	802.4	731.9	678.3	642.9	615.9	579.8



REPORT NUMBER: P559073 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	816.0	727.3	670.2	658.4	765.4	756.8	695.6	645.2	606.8	584.3	546.3
-25°	711.0	667.3	658.3	744.7	773.2	708.0	660.0	620.9	585.5	550.1	510.3
-27.5°	657.2	652.2	746.5	784.3	722.7	670.2	630.4	597.8	567.2	525.3	458.2
-30°	676.2	761.4	778.5	730.5	680.5	637.3	605.4	577.2	543.1	495.3	414.3
-32.5°	790.9	752.1	713.8	679.2	640.9	609.6	582.1	553.7	517.0	447.1	375.8
-35°	716.9	685.9	657.9	632.8	608.0	582.0	555.3	523.3	468.4	399.4	337.6
-37.5°	658.5	633.7	615.5	595.9	576.2	550.6	520.1	471.9	411.9	357.3	305.8
-40°	611.9	594.7	581.0	564.8	539.6	510.6	463.1	409.2	362.0	318.8	276.0
-42.5°	572.1	561.2	545.8	522.4	491.7	444.6	397.3	354.3	315.3	282.0	251.7
-45°	528.8	513.7	494.8	458.4	417.0	378.8	338.1	305.5	275.5	251.5	227.7
-47.5°	465.7	439.7	411.0	385.6	354.4	321.2	291.8	263.4	244.6	224.3	207.3
-50°	378.2	361.6	343.0	324.3	302.4	276.4	254.1	234.0	217.6	202.4	187.0
-52.5°	309.8	298.2	286.8	273.7	260.3	242.4	224.4	208.7	194.1	181.2	167.7
-55°	258.1	247.4	241.3	234.3	227.0	213.6	199.5	185.6	172.8	161.0	146.5
-57.5°	217.8	206.9	204.7	201.7	197.9	188.3	176.7	164.6	150.2	137.0	124.3
-60°	187.5	175.0	174.6	173.4	171.7	165.2	152.8	139.4	125.1	115.9	106.7
-62.5°	162.9	147.3	147.1	145.7	143.4	138.1	126.6	116.2	106.7	98.5	91.8
-65°	140.3	121.2	117.5	116.7	114.7	111.1	102.4	95.9	91.3	87.3	79.4
-67.5°	121.9	99.5	91.4	90.2	89.1	87.1	83.4	80.1	77.2	74.2	66.6
-70°	101.8	80.9	71.3	70.4	69.2	67.7	65.9	64.0	61.7	58.0	50.5
-72.5°	76.4	62.0	54.1	53.4	52.3	51.1	49.5	46.8	42.9	37.5	32.7
-75°	52.1	44.1	38.8	38.2	37.3	36.1	34.2	31.2	28.0	24.7	21.7
-77.5°	33.4	28.8	25.3	24.8	24.1	23.1	21.5	19.1	17.2	15.3	13.8
-80°	18.2	16.3	14.6	14.3	13.7	13.0	12.0	10.8	9.6	8.7	8.2
-82.5°	8.2	8.0	7.7	7.5	7.2	6.9	6.5	6.2	5.8	5.4	5.0
-85°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.3	3.2
-87.5°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559073 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.5	1.4	1.3	1.5	1.7	1.8	1.9	1.7	1.5	1.4
85°	3.1	2.9	2.8	2.6	3.0	3.4	3.7	3.8	3.4	3.1	2.7
82.5°	4.6	4.3	4.1	3.9	3.9	4.0	4.2	4.5	4.5	4.5	4.0
80°	7.6	7.0	6.4	5.8	5.1	4.5	4.4	4.5	4.5	4.5	4.5
77.5°	12.5	11.0	9.3	8.3	7.5	6.7	5.8	5.0	4.5	4.5	4.5
75°	19.2	17.6	15.9	13.6	11.1	8.9	7.9	6.9	5.9	4.7	4.5
72.5°	29.8	26.7	23.5	19.7	16.5	13.5	10.8	8.9	7.9	6.6	5.0
70°	43.2	37.1	32.9	28.0	22.9	18.2	14.9	12.3	9.9	8.6	6.8
67.5°	58.7	50.2	43.2	36.4	30.3	24.6	19.1	16.2	13.6	10.6	8.7
65°	70.5	61.8	53.3	45.6	38.1	31.1	24.9	20.6	17.2	14.0	10.6
62.5°	82.9	72.3	63.2	54.6	46.1	38.1	30.8	26.5	21.3	17.3	13.3
60°	96.8	86.2	73.6	63.6	54.2	45.1	37.8	32.5	27.0	20.7	16.4
57.5°	113.6	101.6	87.1	73.5	62.4	52.3	45.2	39.3	32.7	25.6	19.4
55°	131.8	117.6	100.4	84.8	71.1	59.6	53.3	46.6	38.7	30.9	22.8
52.5°	152.4	133.6	114.2	96.0	80.3	68.3	62.5	54.1	45.6	36.2	27.8
50°	171.7	150.3	128.3	108.2	89.3	79.5	72.2	63.1	52.7	41.8	33.3
47.5°	187.7	165.6	143.1	120.2	99.8	91.6	83.4	72.7	59.8	48.3	38.9
45°	204.0	179.4	156.6	133.0	114.1	105.3	95.7	82.5	68.8	56.0	44.7
42.5°	220.2	193.9	168.6	145.1	130.4	119.1	108.6	94.2	78.0	64.1	51.3
40°	240.7	208.7	180.4	159.6	146.3	132.9	121.3	106.5	87.6	72.9	58.6
37.5°	260.7	225.4	193.6	175.2	161.5	147.0	133.6	119.2	99.7	83.0	66.0
35°	286.6	242.9	212.1	191.4	175.3	160.5	145.6	131.5	113.7	93.3	73.5
32.5°	311.4	265.0	233.4	208.0	188.4	173.5	157.5	147.0	128.2	103.6	81.1
30°	344.9	294.5	254.2	223.5	201.5	185.1	172.3	164.5	143.1	114.0	89.1
27.5°	386.1	323.4	275.6	240.9	215.2	196.7	192.1	183.7	158.5	125.2	97.6
25°	428.1	357.7	301.3	258.5	228.0	216.3	211.5	204.5	174.6	137.8	106.0
22.5°	474.4	392.6	326.1	275.1	249.8	235.1	230.1	222.1	191.5	150.5	114.3
20°	519.3	425.6	351.6	302.7	273.4	255.4	247.6	239.4	209.1	163.0	122.4
17.5°	560.1	462.7	387.5	332.9	297.3	275.1	264.4	256.4	227.2	175.4	130.2
15°	587.4	502.4	420.9	361.1	320.3	294.4	280.7	273.0	245.5	187.5	135.8
12.5°	610.5	537.1	451.0	387.4	342.2	313.2	296.5	289.3	263.8	195.3	138.8
10°	629.8	566.9	477.9	411.7	363.2	331.4	311.8	300.9	270.8	199.2	141.3
7.5°	645.7	592.2	501.8	434.1	380.3	340.5	314.1	302.9	275.0	202.2	143.5
5°	656.9	607.1	513.1	439.9	381.6	339.9	314.2	304.6	277.9	204.1	145.2
2.5°	658.5	608.7	516.0	441.9	381.9	338.3	313.9	305.9	279.4	205.1	146.2
0°	658.5	606.6	516.4	442.0	381.1	336.0	313.4	306.7	279.6	205.2	146.6
-2.5°	658.5	608.7	516.0	441.9	381.9	338.3	313.9	305.9	279.4	205.1	146.2
-5°	656.9	607.1	513.1	439.9	381.6	339.9	314.2	304.6	277.9	204.1	145.2
-7.5°	645.7	592.2	501.8	434.1	380.3	340.5	314.1	302.9	275.0	202.2	143.5
-10°	629.8	566.9	477.9	411.7	363.2	331.4	311.8	300.9	270.8	199.2	141.3
-12.5°	610.5	537.1	451.0	387.4	342.2	313.2	296.5	289.3	263.8	195.3	138.8
-15°	587.4	502.4	420.9	361.1	320.3	294.4	280.7	273.0	245.5	187.5	135.8
-17.5°	560.1	462.7	387.5	332.9	297.3	275.1	264.4	256.4	227.2	175.4	130.2
-20°	519.3	425.6	351.6	302.7	273.4	255.4	247.6	239.4	209.1	163.0	122.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	474.4	392.6	326.1	275.1	249.8	235.1	230.1	222.1	191.5	150.5	114.3
-25°	428.1	357.7	301.3	258.5	228.0	216.3	211.5	204.5	174.6	137.8	106.0
-27.5°	386.1	323.4	275.6	240.9	215.2	196.7	192.1	183.7	158.5	125.2	97.6
-30°	344.9	294.5	254.2	223.5	201.5	185.1	172.3	164.5	143.1	114.0	89.1
-32.5°	311.4	265.0	233.4	208.0	188.4	173.5	157.5	147.0	128.2	103.6	81.1
-35°	286.6	242.9	212.1	191.4	175.3	160.5	145.6	131.5	113.7	93.3	73.5
-37.5°	260.7	225.4	193.6	175.2	161.5	147.0	133.6	119.2	99.7	83.0	66.0
-40°	240.7	208.7	180.4	159.6	146.3	132.9	121.3	106.5	87.6	72.9	58.6
-42.5°	220.2	193.9	168.6	145.1	130.4	119.1	108.6	94.2	78.0	64.1	51.3
-45°	204.0	179.4	156.6	133.0	114.1	105.3	95.7	82.5	68.8	56.0	44.7
-47.5°	187.7	165.6	143.1	120.2	99.8	91.6	83.4	72.7	59.8	48.3	38.9
-50°	171.7	150.3	128.3	108.2	89.3	79.5	72.2	63.1	52.7	41.8	33.3
-52.5°	152.4	133.6	114.2	96.0	80.3	68.3	62.5	54.1	45.6	36.2	27.8
-55°	131.8	117.6	100.4	84.8	71.1	59.6	53.3	46.6	38.7	30.9	22.8
-57.5°	113.6	101.6	87.1	73.5	62.4	52.3	45.2	39.3	32.7	25.6	19.4
-60°	96.8	86.2	73.6	63.6	54.2	45.1	37.8	32.5	27.0	20.7	16.4
-62.5°	82.9	72.3	63.2	54.6	46.1	38.1	30.8	26.5	21.3	17.3	13.3
-65°	70.5	61.8	53.3	45.6	38.1	31.1	24.9	20.6	17.2	14.0	10.6
-67.5°	58.7	50.2	43.2	36.4	30.3	24.6	19.1	16.2	13.6	10.6	8.7
-70°	43.2	37.1	32.9	28.0	22.9	18.2	14.9	12.3	9.9	8.6	6.8
-72.5°	29.8	26.7	23.5	19.7	16.5	13.5	10.8	8.9	7.9	6.6	5.0
-75°	19.2	17.6	15.9	13.6	11.1	8.9	7.9	6.9	5.9	4.7	4.5
-77.5°	12.5	11.0	9.3	8.3	7.5	6.7	5.8	5.0	4.5	4.5	4.5
-80°	7.6	7.0	6.4	5.8	5.1	4.5	4.4	4.5	4.5	4.5	4.5
-82.5°	4.6	4.3	4.1	3.9	3.9	4.0	4.2	4.5	4.5	4.5	4.0
-85°	3.1	2.9	2.8	2.6	3.0	3.4	3.7	3.8	3.4	3.1	2.7
-87.5°	1.6	1.5	1.4	1.3	1.5	1.7	1.8	1.9	1.7	1.5	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
80°	4.5	3.9	3.1	2.3	1.6	0.8	0.0
77.5°	4.5	4.5	3.9	2.9	1.9	1.0	0.0
75°	4.5	4.5	4.5	3.5	2.3	1.2	0.0
72.5°	4.5	4.5	4.5	4.0	2.7	1.4	0.0
70°	4.7	4.5	4.5	4.5	3.1	1.5	0.0
67.5°	6.4	4.5	4.5	4.5	3.4	1.7	0.0
65°	8.1	5.3	4.5	4.5	3.8	1.9	0.0
62.5°	9.8	6.8	4.5	4.5	4.2	2.1	0.0
60°	11.5	8.2	4.5	4.5	4.5	2.2	0.0
57.5°	14.4	9.7	5.7	4.5	4.5	2.4	0.0
55°	17.5	11.2	6.9	4.5	4.6	2.6	0.0
52.5°	20.7	12.9	8.1	4.5	4.6	2.7	0.0
50°	23.9	15.7	9.2	4.5	4.7	2.9	0.0
47.5°	27.5	18.5	10.4	4.7	4.7	3.0	0.0
45°	32.5	21.4	11.5	5.6	4.8	3.2	0.0
42.5°	37.7	24.2	12.6	6.4	4.9	3.3	0.0
40°	42.9	27.1	14.3	7.2	4.9	3.4	0.0
37.5°	48.1	30.0	16.5	7.9	5.0	3.6	0.0
35°	53.4	33.7	18.6	8.6	5.1	3.7	0.0
32.5°	58.9	37.8	20.8	9.2	5.2	3.8	0.0
30°	65.1	41.9	22.8	9.8	5.3	3.9	0.0
27.5°	71.1	45.9	24.1	10.2	5.5	4.0	0.0
25°	77.1	49.7	25.2	10.6	5.6	4.1	0.0
22.5°	83.0	52.8	26.0	10.9	5.7	4.2	0.0
20°	88.7	53.9	26.6	11.2	5.8	4.2	0.0
17.5°	91.7	54.6	27.0	11.4	6.0	4.3	0.0
15°	92.8	54.9	27.2	11.5	6.1	4.3	0.0
12.5°	93.5	54.8	27.2	11.6	6.2	4.4	0.0
10°	93.7	54.4	27.0	11.6	6.3	4.4	0.0
7.5°	93.5	53.7	26.6	11.6	6.5	4.5	0.0
5°	92.9	52.6	26.2	11.5	6.6	4.5	0.0
2.5°	91.8	51.2	25.5	11.4	6.7	4.5	0.0
0°	90.2	49.6	24.8	11.3	6.8	4.5	0.0
-2.5°	91.8	51.2	25.5	11.4	6.7	4.5	0.0
-5°	92.9	52.6	26.2	11.5	6.6	4.5	0.0
-7.5°	93.5	53.7	26.6	11.6	6.5	4.5	0.0
-10°	93.7	54.4	27.0	11.6	6.3	4.4	0.0
-12.5°	93.5	54.8	27.2	11.6	6.2	4.4	0.0
-15°	92.8	54.9	27.2	11.5	6.1	4.3	0.0
-17.5°	91.7	54.6	27.0	11.4	6.0	4.3	0.0
-20°	88.7	53.9	26.6	11.2	5.8	4.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	83.0	52.8	26.0	10.9	5.7	4.2	0.0
-25°	77.1	49.7	25.2	10.6	5.6	4.1	0.0
-27.5°	71.1	45.9	24.1	10.2	5.5	4.0	0.0
-30°	65.1	41.9	22.8	9.8	5.3	3.9	0.0
-32.5°	58.9	37.8	20.8	9.2	5.2	3.8	0.0
-35°	53.4	33.7	18.6	8.6	5.1	3.7	0.0
-37.5°	48.1	30.0	16.5	7.9	5.0	3.6	0.0
-40°	42.9	27.1	14.3	7.2	4.9	3.4	0.0
-42.5°	37.7	24.2	12.6	6.4	4.9	3.3	0.0
-45°	32.5	21.4	11.5	5.6	4.8	3.2	0.0
-47.5°	27.5	18.5	10.4	4.7	4.7	3.0	0.0
-50°	23.9	15.7	9.2	4.5	4.7	2.9	0.0
-52.5°	20.7	12.9	8.1	4.5	4.6	2.7	0.0
-55°	17.5	11.2	6.9	4.5	4.6	2.6	0.0
-57.5°	14.4	9.7	5.7	4.5	4.5	2.4	0.0
-60°	11.5	8.2	4.5	4.5	4.5	2.2	0.0
-62.5°	9.8	6.8	4.5	4.5	4.2	2.1	0.0
-65°	8.1	5.3	4.5	4.5	3.8	1.9	0.0
-67.5°	6.4	4.5	4.5	4.5	3.4	1.7	0.0
-70°	4.7	4.5	4.5	4.5	3.1	1.5	0.0
-72.5°	4.5	4.5	4.5	4.0	2.7	1.4	0.0
-75°	4.5	4.5	4.5	3.5	2.3	1.2	0.0
-77.5°	4.5	4.5	3.9	2.9	1.9	1.0	0.0
-80°	4.5	3.9	3.1	2.3	1.6	0.8	0.0
-82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
-85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)