

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: P559120 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-935-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559120 (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-935-U-TS-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

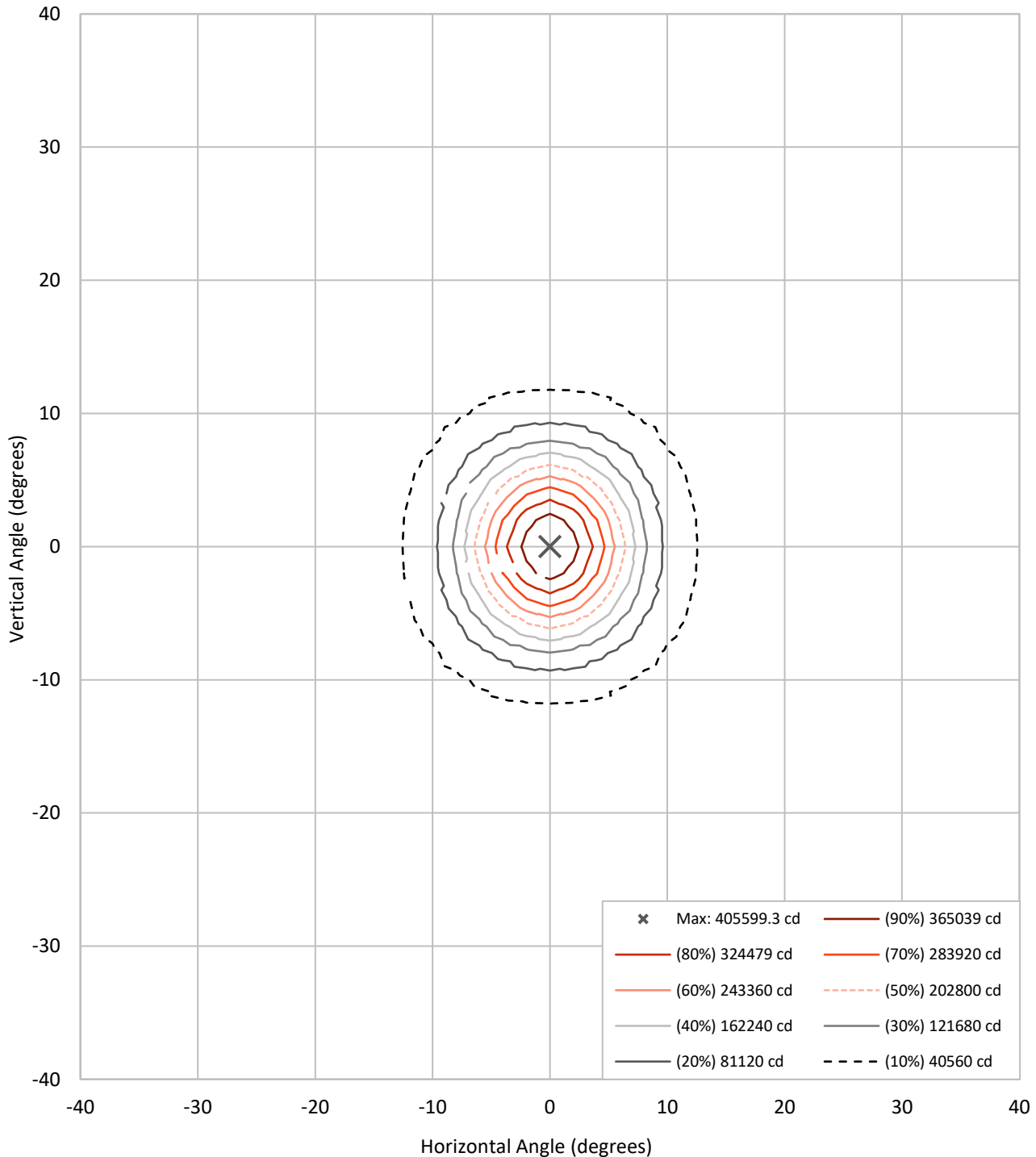
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	29400.6 lumens	Max Intensity:	405599.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	9290.1 lumens	Field Lumens:	20580.8 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





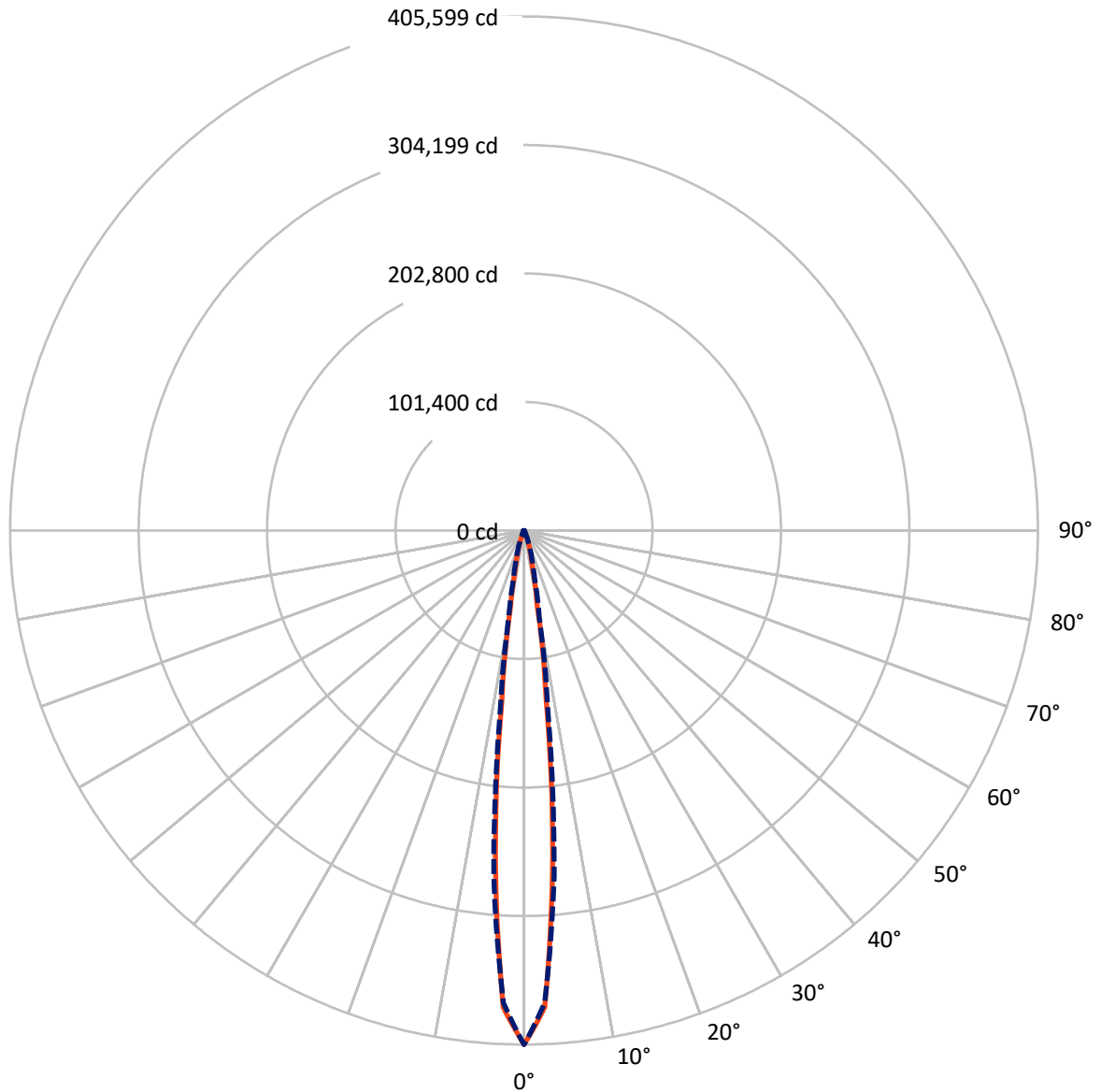
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Lumen Table

90	0.4	3.4		9.4		15.2		17.6		15.2		9.4		3.4		0.4			
80	0.4	3.4		9.4		15.2		17.6		15.2		9.4		3.4		0.4			
70	1.5	1.8	3.8	6.3	8.6	10.6	12.1	12.8	12.8	12.1	10.6	8.6	6.3	3.8	1.8	1.5			
60		2.8	5.7	8.6	11.1	13.1	14.4	14.9	14.9	14.4	13.1	11.1	8.6	5.7	2.8				
50	2.8	3.7	7.0	10.0	12.5	14.7	16.4	17.2	17.2	16.4	14.7	12.5	10.0	7.0	3.7	2.8			
40		4.4	7.8	10.9	13.9	17.9	22.4	25.3	25.3	22.4	17.9	13.9	10.9	7.8	4.4				
30	3.8	4.9	8.3	11.5	16.4	25.4	56.4	102.6	102.6	56.4	25.4	16.4	11.5	8.3	4.9	3.8			
20		5.1	8.5	12.2	19.4	54.6	308.3	678.2	678.2	308.3	54.6	19.4	12.2	8.5	5.1				
10	4.1	5.3	8.6	12.5	21.5	104.8	740.1	4787.6	4787.6	740.1	104.8	21.5	12.5	8.6	5.3	4.1			
0		5.3	8.6	12.5	21.5	104.8	740.1	4787.6	4787.6	740.1	104.8	21.5	12.5	8.6	5.3				
-10	3.8	5.1	8.5	12.2	19.4	54.6	308.3	678.2	678.2	308.3	54.6	19.4	12.2	8.5	5.1	3.8			
-20		4.9	8.3	11.5	16.4	25.4	56.4	102.6	102.6	56.4	25.4	16.4	11.5	8.3	4.9				
-30	2.8	4.4	7.8	10.9	13.9	17.9	22.4	25.3	25.3	22.4	17.9	13.9	10.9	7.8	4.4	2.8			
-40		3.7	7.0	10.0	12.5	14.7	16.4	17.2	17.2	16.4	14.7	12.5	10.0	7.0	3.7				
-50	1.5	2.8	5.7	8.6	11.1	13.1	14.4	14.9	14.9	14.4	13.1	11.1	8.6	5.7	2.8	1.5			
-60		1.8	3.8	6.3	8.6	10.6	12.1	12.8	12.8	12.1	10.6	8.6	6.3	3.8	1.8				
-70	0.4	3.4		9.4		15.2		17.6		15.2		9.4		3.4		0.4			
-80		3.4		9.4		15.2		17.6		15.2		9.4		3.4					
-90	0.4	3.4		9.4		15.2		17.6		15.2		9.4		3.4		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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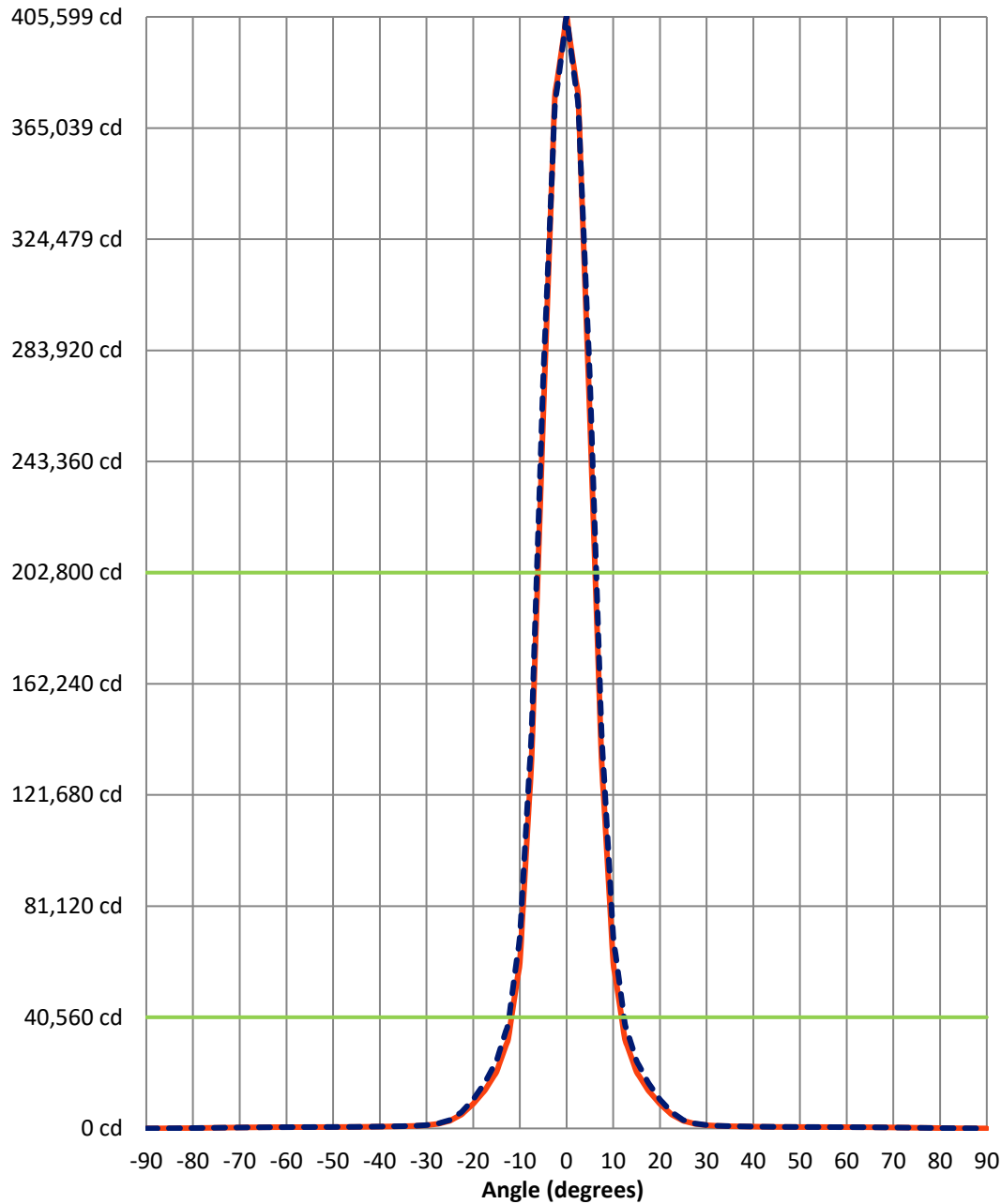
Luminous Intensity Polar Plot



— 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: 9290.1
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 20580.8
Efficiency: 70.0%

Spill:
Lumens: 8819.8
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	1.0	1.9	2.8	3.6	4.3	4.9	5.7	6.5	7.3	8.1
85°	0.0	1.9	3.8	5.5	7.1	8.6	9.9	11.5	13.1	14.6	16.1
82.5°	0.0	2.8	5.7	8.3	10.6	12.8	14.8	17.2	19.8	23.4	27.0
80°	0.0	3.8	7.6	11.0	14.2	17.1	20.0	24.6	29.4	34.4	39.5
77.5°	0.0	4.7	9.4	13.7	17.7	21.9	27.0	32.8	39.0	45.4	52.2
75°	0.0	5.6	11.3	16.4	21.4	27.7	33.9	41.0	48.7	57.5	65.8
72.5°	0.0	6.6	13.1	19.1	26.0	33.4	40.7	49.5	59.9	69.9	79.3
70°	0.0	7.5	14.9	21.9	30.5	39.0	47.7	59.5	71.1	82.3	97.6
67.5°	0.0	8.3	16.7	25.2	35.0	44.6	56.3	69.4	82.3	99.2	116.8
65°	0.0	9.2	18.4	28.5	39.4	50.8	64.7	79.1	96.7	115.7	135.9
62.5°	0.0	10.1	20.1	31.8	43.7	57.6	73.0	90.4	110.6	132.1	155.7
60°	0.0	10.9	21.8	35.0	47.9	64.2	81.0	102.0	124.2	149.6	175.0
57.5°	0.0	11.7	23.8	38.1	52.9	70.6	90.5	113.3	139.0	166.6	194.7
55°	0.0	12.5	25.8	41.1	57.9	76.9	100.0	124.4	153.7	183.4	214.1
52.5°	0.0	13.3	27.7	44.0	62.7	83.1	109.3	136.9	168.1	200.5	233.0
50°	0.0	14.0	29.6	46.9	67.3	90.6	118.2	149.2	182.2	216.9	251.8
47.5°	0.0	14.7	31.4	49.7	71.7	97.8	127.0	161.0	196.3	232.8	270.0
45°	0.0	15.4	33.1	52.9	75.9	104.7	136.7	172.3	210.0	248.8	287.8
42.5°	0.0	16.1	34.7	55.9	80.0	111.3	145.9	183.4	223.2	264.2	303.0
40°	0.0	16.7	36.3	58.8	84.4	117.6	154.6	194.4	235.9	279.0	317.2
37.5°	0.0	17.3	37.8	61.4	89.2	123.6	162.8	204.8	248.3	292.4	330.8
35°	0.0	17.9	39.2	63.9	93.7	129.8	170.6	214.7	259.9	303.6	343.0
32.5°	0.0	18.4	40.5	66.1	98.0	135.9	178.0	223.9	270.8	314.2	353.5
30°	0.0	18.9	41.8	68.3	102.0	141.5	185.4	232.6	280.8	324.1	363.2
27.5°	0.0	19.3	42.9	70.2	105.6	146.7	192.2	240.7	289.6	333.2	372.3
25°	0.0	19.8	44.0	71.9	108.9	151.5	198.5	248.1	297.0	340.9	380.5
22.5°	0.0	20.1	44.9	73.5	112.0	155.8	204.2	254.8	303.7	347.6	386.7
20°	0.0	20.5	45.8	74.9	114.8	159.7	209.3	260.8	309.6	353.6	392.4
17.5°	0.0	20.8	46.6	76.1	117.2	163.2	213.9	266.0	314.9	358.8	397.4
15°	0.0	21.1	47.2	77.1	119.4	166.3	218.0	270.4	319.4	363.3	401.9
12.5°	0.0	21.3	47.8	77.9	121.3	168.9	221.5	274.1	323.1	367.1	405.6
10°	0.0	21.5	48.3	78.5	122.8	171.0	224.3	277.1	326.1	370.0	408.6
7.5°	0.0	21.6	48.6	78.9	124.0	172.7	226.5	279.2	328.4	372.2	410.7
5°	0.0	21.7	48.9	79.2	124.9	173.8	228.1	280.6	329.8	373.6	412.0
2.5°	0.0	21.8	49.0	79.3	125.4	174.6	229.1	281.3	330.5	374.3	412.5
0°	0.0	21.8	49.1	79.2	125.6	174.8	229.4	281.2	330.4	374.1	412.3
-2.5°	0.0	21.8	49.0	79.3	125.4	174.6	229.1	281.3	330.5	374.3	412.5
-5°	0.0	21.7	48.9	79.2	124.9	173.8	228.1	280.6	329.8	373.6	412.0
-7.5°	0.0	21.6	48.6	78.9	124.0	172.7	226.5	279.2	328.4	372.2	410.7
-10°	0.0	21.5	48.3	78.5	122.8	171.0	224.3	277.1	326.1	370.0	408.6
-12.5°	0.0	21.3	47.8	77.9	121.3	168.9	221.5	274.1	323.1	367.1	405.6
-15°	0.0	21.1	47.2	77.1	119.4	166.3	218.0	270.4	319.4	363.3	401.9
-17.5°	0.0	20.8	46.6	76.1	117.2	163.2	213.9	266.0	314.9	358.8	397.4
-20°	0.0	20.5	45.8	74.9	114.8	159.7	209.3	260.8	309.6	353.6	392.4



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 CATALOG NUMBER: GFLD-SA5E-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	20.1	44.9	73.5	112.0	155.8	204.2	254.8	303.7	347.6	386.7
-25°	0.0	19.8	44.0	71.9	108.9	151.5	198.5	248.1	297.0	340.9	380.5
-27.5°	0.0	19.3	42.9	70.2	105.6	146.7	192.2	240.7	289.6	333.2	372.3
-30°	0.0	18.9	41.8	68.3	102.0	141.5	185.4	232.6	280.8	324.1	363.2
-32.5°	0.0	18.4	40.5	66.1	98.0	135.9	178.0	223.9	270.8	314.2	353.5
-35°	0.0	17.9	39.2	63.9	93.7	129.8	170.6	214.7	259.9	303.6	343.0
-37.5°	0.0	17.3	37.8	61.4	89.2	123.6	162.8	204.8	248.3	292.4	330.8
-40°	0.0	16.7	36.3	58.8	84.4	117.6	154.6	194.4	235.9	279.0	317.2
-42.5°	0.0	16.1	34.7	55.9	80.0	111.3	145.9	183.4	223.2	264.2	303.0
-45°	0.0	15.4	33.1	52.9	75.9	104.7	136.7	172.3	210.0	248.8	287.8
-47.5°	0.0	14.7	31.4	49.7	71.7	97.8	127.0	161.0	196.3	232.8	270.0
-50°	0.0	14.0	29.6	46.9	67.3	90.6	118.2	149.2	182.2	216.9	251.8
-52.5°	0.0	13.3	27.7	44.0	62.7	83.1	109.3	136.9	168.1	200.5	233.0
-55°	0.0	12.5	25.8	41.1	57.9	76.9	100.0	124.4	153.7	183.4	214.1
-57.5°	0.0	11.7	23.8	38.1	52.9	70.6	90.5	113.3	139.0	166.6	194.7
-60°	0.0	10.9	21.8	35.0	47.9	64.2	81.0	102.0	124.2	149.6	175.0
-62.5°	0.0	10.1	20.1	31.8	43.7	57.6	73.0	90.4	110.6	132.1	155.7
-65°	0.0	9.2	18.4	28.5	39.4	50.8	64.7	79.1	96.7	115.7	135.9
-67.5°	0.0	8.3	16.7	25.2	35.0	44.6	56.3	69.4	82.3	99.2	116.8
-70°	0.0	7.5	14.9	21.9	30.5	39.0	47.7	59.5	71.1	82.3	97.6
-72.5°	0.0	6.6	13.1	19.1	26.0	33.4	40.7	49.5	59.9	69.9	79.3
-75°	0.0	5.6	11.3	16.4	21.4	27.7	33.9	41.0	48.7	57.5	65.8
-77.5°	0.0	4.7	9.4	13.7	17.7	21.9	27.0	32.8	39.0	45.4	52.2
-80°	0.0	3.8	7.6	11.0	14.2	17.1	20.0	24.6	29.4	34.4	39.5
-82.5°	0.0	2.8	5.7	8.3	10.6	12.8	14.8	17.2	19.8	23.4	27.0
-85°	0.0	1.9	3.8	5.5	7.1	8.6	9.9	11.5	13.1	14.6	16.1
-87.5°	0.0	1.0	1.9	2.8	3.6	4.3	4.9	5.7	6.5	7.3	8.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	8.8	9.5	10.3	11.0	11.6	12.3	12.9	13.5	14.1	14.6	15.2
85°	17.6	19.1	21.0	22.7	24.3	25.7	27.0	28.2	29.8	31.4	33.1
82.5°	30.1	32.7	35.0	36.8	38.8	40.7	42.7	45.9	50.0	54.0	57.7
80°	43.3	46.4	50.7	55.5	60.6	65.5	70.2	74.7	79.6	84.9	90.4
77.5°	58.2	64.4	71.1	78.5	85.5	93.7	102.0	110.4	118.0	124.6	130.5
75°	73.7	82.1	93.4	104.8	115.5	126.2	137.0	147.6	156.8	165.4	174.0
72.5°	91.8	105.5	119.0	132.1	146.0	159.3	171.9	183.7	195.5	207.1	218.2
70°	113.4	129.0	145.3	161.8	177.9	192.7	207.3	222.1	236.7	249.8	261.5
67.5°	135.0	153.6	172.4	191.0	208.6	225.6	242.8	259.8	276.0	289.9	302.1
65°	157.2	178.0	199.0	219.1	238.3	258.2	277.6	296.4	311.7	324.4	336.6
62.5°	178.9	202.4	225.2	247.3	269.0	290.7	309.4	326.3	342.1	355.8	369.1
60°	201.1	226.7	251.4	275.7	298.7	318.5	337.5	354.5	370.3	385.5	396.7
57.5°	223.0	250.6	277.3	302.3	324.2	344.7	363.1	380.9	394.6	406.7	419.0
55°	244.4	274.1	301.6	326.1	348.5	368.1	386.7	401.5	415.2	426.6	438.6
52.5°	265.5	296.4	323.6	348.5	370.0	389.4	405.7	420.4	433.2	445.0	454.8
50°	286.1	316.4	344.7	368.1	389.6	407.7	423.1	437.2	449.6	460.4	469.3
47.5°	304.4	335.7	362.4	386.5	406.7	424.0	438.8	452.3	464.7	474.1	482.9
45°	321.5	352.3	379.5	402.4	422.2	438.4	452.8	466.8	477.0	486.4	493.2
42.5°	337.9	367.7	394.2	417.9	435.3	451.1	465.7	477.8	488.4	496.6	503.9
40°	351.8	382.6	407.9	429.4	447.4	462.3	475.8	488.0	498.4	506.4	514.3
37.5°	364.9	394.7	420.3	440.4	457.1	472.0	485.3	496.7	506.9	515.4	526.1
35°	377.5	406.1	429.9	449.5	465.8	480.4	493.2	504.8	514.9	526.6	539.0
32.5°	388.3	417.0	439.1	456.9	473.0	487.9	500.7	512.4	524.1	537.3	552.6
30°	397.3	425.0	446.9	463.6	479.7	493.8	507.5	520.1	533.0	548.8	568.8
27.5°	405.6	432.3	452.6	469.4	485.6	498.9	513.2	527.5	542.5	561.0	586.2
25°	413.3	439.0	457.6	474.7	489.8	503.6	518.4	533.1	551.8	576.3	609.2
22.5°	419.6	445.2	462.1	479.5	493.4	507.9	523.0	539.5	560.7	590.3	633.4
20°	424.6	448.9	465.8	483.1	496.3	511.6	527.1	545.1	570.4	609.0	658.9
17.5°	429.2	452.0	469.0	485.2	499.1	514.8	530.8	549.5	578.4	626.4	682.3
15°	433.2	454.7	471.5	487.0	501.6	517.3	534.1	555.4	589.1	643.3	703.4
12.5°	436.7	456.8	473.5	488.3	503.5	519.0	536.8	560.5	600.4	658.9	724.4
10°	439.7	458.4	474.8	489.2	504.9	520.0	539.0	563.8	608.5	667.8	736.9
7.5°	441.4	459.6	475.8	489.7	505.8	520.2	540.6	565.5	613.5	672.6	743.6
5°	442.4	460.6	476.9	490.7	506.8	520.9	541.9	565.8	615.6	673.5	746.2
2.5°	442.7	461.3	477.6	491.3	507.6	522.8	544.4	568.8	617.4	676.7	747.9
0°	442.3	461.5	477.8	491.5	507.9	524.3	546.1	570.7	617.1	679.9	748.2
-2.5°	442.7	461.3	477.6	491.3	507.6	522.8	544.4	568.8	617.4	676.7	747.9
-5°	442.4	460.6	476.9	490.7	506.8	520.9	541.9	565.8	615.6	673.5	746.2
-7.5°	441.4	459.6	475.8	489.7	505.8	520.2	540.6	565.5	613.5	672.6	743.6
-10°	439.7	458.4	474.8	489.2	504.9	520.0	539.0	563.8	608.5	667.8	736.9
-12.5°	436.7	456.8	473.5	488.3	503.5	519.0	536.8	560.5	600.4	658.9	724.4
-15°	433.2	454.7	471.5	487.0	501.6	517.3	534.1	555.4	589.1	643.3	703.4
-17.5°	429.2	452.0	469.0	485.2	499.1	514.8	530.8	549.5	578.4	626.4	682.3
-20°	424.6	448.9	465.8	483.1	496.3	511.6	527.1	545.1	570.4	609.0	658.9



REPORT NUMBER: P559120 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-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°	419.6	445.2	462.1	479.5	493.4	507.9	523.0	539.5	560.7	590.3	633.4
-25°	413.3	439.0	457.6	474.7	489.8	503.6	518.4	533.1	551.8	576.3	609.2
-27.5°	405.6	432.3	452.6	469.4	485.6	498.9	513.2	527.5	542.5	561.0	586.2
-30°	397.3	425.0	446.9	463.6	479.7	493.8	507.5	520.1	533.0	548.8	568.8
-32.5°	388.3	417.0	439.1	456.9	473.0	487.9	500.7	512.4	524.1	537.3	552.6
-35°	377.5	406.1	429.9	449.5	465.8	480.4	493.2	504.8	514.9	526.6	539.0
-37.5°	364.9	394.7	420.3	440.4	457.1	472.0	485.3	496.7	506.9	515.4	526.1
-40°	351.8	382.6	407.9	429.4	447.4	462.3	475.8	488.0	498.4	506.4	514.3
-42.5°	337.9	367.7	394.2	417.9	435.3	451.1	465.7	477.8	488.4	496.6	503.9
-45°	321.5	352.3	379.5	402.4	422.2	438.4	452.8	466.8	477.0	486.4	493.2
-47.5°	304.4	335.7	362.4	386.5	406.7	424.0	438.8	452.3	464.7	474.1	482.9
-50°	286.1	316.4	344.7	368.1	389.6	407.7	423.1	437.2	449.6	460.4	469.3
-52.5°	265.5	296.4	323.6	348.5	370.0	389.4	405.7	420.4	433.2	445.0	454.8
-55°	244.4	274.1	301.6	326.1	348.5	368.1	386.7	401.5	415.2	426.6	438.6
-57.5°	223.0	250.6	277.3	302.3	324.2	344.7	363.1	380.9	394.6	406.7	419.0
-60°	201.1	226.7	251.4	275.7	298.7	318.5	337.5	354.5	370.3	385.5	396.7
-62.5°	178.9	202.4	225.2	247.3	269.0	290.7	309.4	326.3	342.1	355.8	369.1
-65°	157.2	178.0	199.0	219.1	238.3	258.2	277.6	296.4	311.7	324.4	336.6
-67.5°	135.0	153.6	172.4	191.0	208.6	225.6	242.8	259.8	276.0	289.9	302.1
-70°	113.4	129.0	145.3	161.8	177.9	192.7	207.3	222.1	236.7	249.8	261.5
-72.5°	91.8	105.5	119.0	132.1	146.0	159.3	171.9	183.7	195.5	207.1	218.2
-75°	73.7	82.1	93.4	104.8	115.5	126.2	137.0	147.6	156.8	165.4	174.0
-77.5°	58.2	64.4	71.1	78.5	85.5	93.7	102.0	110.4	118.0	124.6	130.5
-80°	43.3	46.4	50.7	55.5	60.6	65.5	70.2	74.7	79.6	84.9	90.4
-82.5°	30.1	32.7	35.0	36.8	38.8	40.7	42.7	45.9	50.0	54.0	57.7
-85°	17.6	19.1	21.0	22.7	24.3	25.7	27.0	28.2	29.8	31.4	33.1
-87.5°	8.8	9.5	10.3	11.0	11.6	12.3	12.9	13.5	14.1	14.6	15.2
-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: P559120 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-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°	15.6	15.5	15.4	15.2	14.9	15.2	15.4	15.6	15.8	16.0	16.2
85°	34.8	36.2	37.7	39.2	40.8	41.8	42.8	43.6	44.4	45.0	45.5
82.5°	61.1	64.2	67.0	69.6	71.9	73.8	75.4	76.9	78.3	79.4	80.3
80°	95.3	100.0	104.5	108.7	112.5	115.6	118.1	120.3	122.0	123.9	125.5
77.5°	136.3	142.9	149.1	154.8	159.8	164.1	167.7	170.9	173.6	176.9	179.9
75°	182.5	190.5	197.7	204.3	210.3	215.8	220.6	224.9	228.4	232.0	235.1
72.5°	228.7	238.3	246.6	253.7	260.2	266.4	272.5	278.2	283.4	287.4	290.2
70°	272.3	282.1	291.1	299.2	306.7	314.5	322.3	329.6	336.3	340.6	343.1
67.5°	312.3	322.3	332.4	342.5	351.4	359.6	367.5	374.7	381.2	385.6	388.3
65°	348.4	359.4	370.4	380.7	390.2	397.1	404.3	411.1	417.5	422.6	426.4
62.5°	382.1	393.0	402.3	411.0	419.0	425.9	433.0	439.3	444.9	449.7	454.3
60°	407.9	419.0	428.0	436.1	443.6	450.5	456.1	460.8	464.5	467.6	470.4
57.5°	430.1	440.6	449.7	456.4	463.1	469.7	474.5	477.4	479.7	481.3	482.5
55°	449.1	457.6	465.2	472.6	479.2	484.9	489.1	491.0	492.3	492.9	493.5
52.5°	464.4	472.7	480.5	487.5	492.7	497.5	501.6	502.7	503.4	503.7	503.8
50°	478.4	486.5	492.7	498.6	503.9	508.2	511.8	513.5	514.5	514.7	514.1
47.5°	489.7	496.7	503.5	509.6	514.9	520.0	524.0	526.3	528.1	528.8	528.7
45°	499.6	507.8	515.0	522.1	528.3	535.0	540.6	544.3	548.2	550.8	552.1
42.5°	511.4	519.5	527.6	537.3	546.4	554.9	564.2	572.3	580.8	589.8	596.0
40°	523.3	532.1	544.5	556.3	569.5	581.4	600.9	620.4	635.3	647.9	659.3
37.5°	536.9	549.8	564.7	579.8	601.4	623.7	648.3	672.5	693.6	712.5	727.9
35°	552.6	569.9	588.1	615.1	642.5	670.0	699.5	731.6	758.9	778.8	793.1
32.5°	571.7	593.5	622.8	657.2	690.9	726.6	762.1	798.0	824.8	852.6	880.6
30°	593.0	624.4	662.2	704.1	746.1	788.8	833.4	883.2	930.4	981.2	1053.9
27.5°	620.1	658.4	702.8	752.3	803.0	853.8	917.7	1017.0	1143.7	1244.9	1416.6
25°	649.0	693.9	746.8	804.2	866.1	937.1	1019.6	1268.0	1566.4	1798.0	2149.1
22.5°	681.3	734.1	792.6	858.5	938.2	1130.0	1373.8	1806.2	2408.0	3002.3	3663.3
20°	713.1	771.5	835.6	935.4	1104.8	1376.5	1904.3	2839.4	3883.8	5370.8	6618.9
17.5°	743.3	805.3	886.6	1021.6	1275.3	1821.6	2843.9	4445.7	6627.0	9024.0	11022.8
15°	769.8	833.1	942.6	1156.5	1585.1	2435.9	3979.6	6705.6	10370.7	13652.6	16579.7
12.5°	792.1	867.2	1003.4	1265.4	1854.0	3113.4	5589.8	9460.8	13936.4	18538.9	22243.3
10°	808.4	903.3	1084.5	1466.8	2281.4	3919.8	6931.8	11814.6	17203.6	22797.7	29494.2
7.5°	818.2	929.2	1146.0	1616.4	2662.5	4817.7	8615.3	13916.3	20104.7	27741.3	37972.8
5°	825.3	946.7	1191.6	1729.0	2917.2	5411.2	9678.3	15508.6	22608.0	33649.9	54706.9
2.5°	828.7	954.4	1217.5	1790.8	3033.3	5716.4	10426.3	16420.4	24131.0	37818.1	66299.5
0°	827.3	950.2	1220.5	1804.9	3050.0	5949.8	10550.7	16680.7	24645.7	38191.7	70015.9
-2.5°	828.7	954.4	1217.5	1790.8	3033.3	5716.4	10426.3	16420.4	24131.0	37818.1	66299.5
-5°	825.3	946.7	1191.6	1729.0	2917.2	5411.2	9678.3	15508.6	22608.0	33649.9	54706.9
-7.5°	818.2	929.2	1146.0	1616.4	2662.5	4817.7	8615.3	13916.3	20104.7	27741.3	37972.8
-10°	808.4	903.3	1084.5	1466.8	2281.4	3919.8	6931.8	11814.6	17203.6	22797.7	29494.2
-12.5°	792.1	867.2	1003.4	1265.4	1854.0	3113.4	5589.8	9460.8	13936.4	18538.9	22243.3
-15°	769.8	833.1	942.6	1156.5	1585.1	2435.9	3979.6	6705.6	10370.7	13652.6	16579.7
-17.5°	743.3	805.3	886.6	1021.6	1275.3	1821.6	2843.9	4445.7	6627.0	9024.0	11022.8
-20°	713.1	771.5	835.6	935.4	1104.8	1376.5	1904.3	2839.4	3883.8	5370.8	6618.9



REPORT NUMBER: P559120 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	681.3	734.1	792.6	858.5	958.2	1130.0	1373.8	1806.2	2408.0	3002.3	3663.3
-25°	649.0	693.9	746.8	804.2	866.1	957.1	1099.6	1268.0	1566.4	1798.0	2149.1
-27.5°	620.1	658.4	702.8	752.3	803.0	853.8	931.7	1017.0	1143.7	1244.9	1416.6
-30°	593.0	624.4	662.2	704.1	746.1	788.8	833.4	883.2	930.4	981.2	1053.9
-32.5°	571.7	593.5	622.8	657.2	690.9	726.6	762.1	798.0	824.8	852.6	880.6
-35°	552.6	569.9	588.1	615.1	642.5	670.0	699.5	731.6	758.9	778.8	793.1
-37.5°	536.9	549.8	564.7	579.8	601.4	623.7	648.3	672.5	693.6	712.5	727.9
-40°	523.3	532.1	544.5	556.3	569.5	581.4	600.9	620.4	635.3	647.9	659.3
-42.5°	511.4	519.5	527.6	537.3	546.4	554.9	564.2	572.3	580.8	589.8	596.0
-45°	499.6	507.8	515.0	522.1	528.3	535.0	540.6	544.3	548.2	550.8	552.1
-47.5°	489.7	496.7	503.5	509.6	514.9	520.0	524.0	526.3	528.1	528.8	528.7
-50°	478.4	486.5	492.7	498.6	503.9	508.2	511.8	513.5	514.5	514.7	514.1
-52.5°	464.4	472.7	480.5	487.5	492.7	497.5	501.6	502.7	503.4	503.7	503.8
-55°	449.1	457.6	465.2	472.6	479.2	484.9	489.1	491.0	492.3	492.9	493.5
-57.5°	430.1	440.6	449.7	456.4	463.1	469.7	474.5	477.4	479.7	481.3	482.5
-60°	407.9	419.0	428.0	436.1	443.6	450.5	456.1	460.8	464.5	467.6	470.4
-62.5°	382.1	393.0	402.3	411.0	419.0	425.9	433.0	439.3	444.9	449.7	454.3
-65°	348.4	359.4	370.4	380.7	390.2	397.1	404.3	411.1	417.5	422.6	426.4
-67.5°	312.3	322.3	332.4	342.5	351.4	359.6	367.5	374.7	381.2	385.6	388.3
-70°	272.3	282.1	291.1	299.2	306.7	314.5	322.3	329.6	336.3	340.6	343.1
-72.5°	228.7	238.3	246.6	253.7	260.2	266.4	272.5	278.2	283.4	287.4	290.2
-75°	182.5	190.5	197.7	204.3	210.3	215.8	220.6	224.9	228.4	232.0	235.1
-77.5°	136.3	142.9	149.1	154.8	159.8	164.1	167.7	170.9	173.6	176.9	179.9
-80°	95.3	100.0	104.5	108.7	112.5	115.6	118.1	120.3	122.0	123.9	125.5
-82.5°	61.1	64.2	67.0	69.6	71.9	73.8	75.4	76.9	78.3	79.4	80.3
-85°	34.8	36.2	37.7	39.2	40.8	41.8	42.8	43.6	44.4	45.0	45.5
-87.5°	15.6	15.5	15.4	15.2	14.9	15.2	15.4	15.6	15.8	16.0	16.2
-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: P559120 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-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°	16.3	16.3	16.4	16.4	16.4	16.3	16.3	16.2	16.0	15.8	15.6
85°	45.9	46.2	46.3	46.4	46.3	46.2	45.9	45.5	45.0	44.4	43.6
82.5°	81.0	81.5	81.8	81.9	81.8	81.5	81.0	80.3	79.4	78.3	76.9
80°	126.7	127.6	128.1	128.3	128.1	127.6	126.7	125.5	123.9	122.0	120.3
77.5°	182.5	184.6	185.4	185.7	185.4	184.6	182.5	179.9	176.9	173.6	170.9
75°	237.4	239.0	240.0	240.3	240.0	239.0	237.4	235.1	232.0	228.4	224.9
72.5°	292.3	293.5	295.8	297.6	295.8	293.5	292.3	290.2	287.4	283.4	278.2
70°	344.6	345.3	347.7	349.5	347.7	345.3	344.6	343.1	340.6	336.3	329.6
67.5°	390.3	391.6	391.6	390.5	391.6	391.6	390.3	388.3	385.6	381.2	374.7
65°	429.7	432.4	432.5	431.4	432.5	432.4	429.7	426.4	422.6	417.5	411.1
62.5°	458.5	462.3	463.8	464.2	463.8	462.3	458.5	454.3	449.7	444.9	439.3
60°	472.7	474.3	475.0	475.1	475.0	474.3	472.7	470.4	467.6	464.5	460.8
57.5°	483.1	483.1	483.2	483.3	483.2	483.1	483.1	482.5	481.3	479.7	477.4
55°	493.9	493.8	493.0	491.5	493.0	493.8	493.9	493.5	492.9	492.3	491.0
52.5°	503.4	502.5	501.3	499.7	501.3	502.5	503.4	503.8	503.7	503.4	502.7
50°	512.9	511.2	510.4	510.6	510.4	511.2	512.9	514.1	514.7	514.5	513.5
47.5°	528.3	527.1	526.7	527.0	526.7	527.1	528.3	528.7	528.8	528.1	526.3
45°	552.6	551.6	551.1	551.6	551.1	551.6	552.6	552.1	550.8	548.2	544.3
42.5°	599.4	599.8	599.5	600.7	599.5	599.8	599.4	596.0	589.8	580.8	572.3
40°	663.8	663.5	661.3	660.8	661.3	663.5	663.8	659.3	647.9	635.3	620.4
37.5°	734.2	734.3	732.0	731.8	732.0	734.3	734.2	727.9	712.5	693.6	672.5
35°	800.6	803.1	802.6	800.0	802.6	803.1	800.6	793.1	778.8	758.9	731.6
32.5°	900.3	915.6	923.6	920.2	923.6	915.6	900.3	880.6	852.6	824.8	798.0
30°	1099.6	1138.9	1159.6	1168.7	1159.6	1138.9	1099.6	1053.9	981.2	930.4	883.2
27.5°	1539.5	1626.2	1665.2	1679.3	1665.2	1626.2	1539.5	1416.6	1244.9	1143.7	1017.0
25°	2455.8	2651.9	2748.6	2779.7	2748.6	2651.9	2455.8	2149.1	1798.0	1566.4	1268.0
22.5°	4391.3	4768.8	5027.0	5084.2	5027.0	4768.8	4391.3	3663.3	3002.3	2408.0	1806.2
20°	7873.7	8603.8	8999.9	8964.3	8999.9	8603.8	7873.7	6618.9	5370.8	3883.8	2839.4
17.5°	12721.9	13658.2	14103.9	13895.6	14103.9	13658.2	12721.9	11022.8	9024.0	6627.0	4445.7
15°	18649.9	19914.8	20466.6	20637.3	20466.6	19914.8	18649.9	16579.7	13652.6	10370.7	6705.6
12.5°	25941.2	30088.0	32071.0	32602.4	32071.0	30088.0	25941.2	22243.3	18538.9	13936.4	9460.8
10°	36343.8	50282.8	58573.8	60598.4	58573.8	50282.8	36343.8	29494.2	22797.7	17203.6	11814.6
7.5°	59352.6	87677.8	119408.5	134434.3	119408.5	87677.8	59352.6	37972.8	27741.3	20104.7	13916.3
5°	90512.6	157091.9	230558.1	259358.2	230558.1	157091.9	90512.6	54706.9	33649.9	22608.0	15508.6
2.5°	128392.7	237196.7	338709.0	376550.7	338709.0	237196.7	128392.7	66299.5	37818.1	24131.0	16420.4
0°	144396.6	273461.3	373183.9	405599.3	373183.9	273461.3	144396.6	70015.9	38191.7	24645.7	16680.7
-2.5°	128392.7	237196.7	338709.0	376550.6	338709.0	237196.7	128392.7	66299.5	37818.1	24131.0	16420.4
-5°	90512.6	157091.9	230558.1	259358.2	230558.1	157091.9	90512.6	54706.9	33649.9	22608.0	15508.6
-7.5°	59352.6	87677.8	119408.5	134434.3	119408.5	87677.8	59352.6	37972.8	27741.3	20104.7	13916.3
-10°	36343.8	50282.8	58573.8	60598.4	58573.8	50282.8	36343.8	29494.2	22797.7	17203.6	11814.6
-12.5°	25941.2	30088.0	32071.0	32602.4	32071.0	30088.0	25941.2	22243.3	18538.9	13936.4	9460.8
-15°	18649.9	19914.8	20466.6	20637.3	20466.6	19914.8	18649.9	16579.7	13652.6	10370.7	6705.6
-17.5°	12721.9	13658.2	14103.9	13895.6	14103.9	13658.2	12721.9	11022.8	9024.0	6627.0	4445.7
-20°	7873.7	8603.8	8999.9	8964.3	8999.9	8603.8	7873.7	6618.9	5370.8	3883.8	2839.4



REPORT NUMBER: P559120 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-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°	4391.3	4768.8	5027.0	5084.2	5027.0	4768.8	4391.3	3663.3	3002.3	2408.0	1806.2
-25°	2455.8	2651.9	2748.6	2779.7	2748.6	2651.9	2455.8	2149.1	1798.0	1566.4	1268.0
-27.5°	1539.5	1626.2	1665.2	1679.3	1665.2	1626.2	1539.5	1416.6	1244.9	1143.7	1017.0
-30°	1099.6	1138.9	1159.6	1168.7	1159.6	1138.9	1099.6	1053.9	981.2	930.4	883.2
-32.5°	900.3	915.6	923.6	920.2	923.6	915.6	900.3	880.6	852.6	824.8	798.0
-35°	800.6	803.1	802.6	800.0	802.6	803.1	800.6	793.1	778.8	758.9	731.6
-37.5°	734.2	734.3	732.0	731.8	732.0	734.3	734.2	727.9	712.5	693.6	672.5
-40°	663.8	663.5	661.3	660.8	661.3	663.5	663.8	659.3	647.9	635.3	620.4
-42.5°	599.4	599.8	599.5	600.7	599.5	599.8	599.4	596.0	589.8	580.8	572.3
-45°	552.6	551.6	551.1	551.6	551.1	551.6	552.6	552.1	550.8	548.2	544.3
-47.5°	528.3	527.1	526.7	527.0	526.7	527.1	528.3	528.7	528.8	528.1	526.3
-50°	512.9	511.2	510.4	510.6	510.4	511.2	512.9	514.1	514.7	514.5	513.5
-52.5°	503.4	502.5	501.3	499.7	501.3	502.5	503.4	503.8	503.7	503.4	502.7
-55°	493.9	493.8	493.0	491.5	493.0	493.8	493.9	493.5	492.9	492.3	491.0
-57.5°	483.1	483.1	483.2	483.3	483.2	483.1	483.1	482.5	481.3	479.7	477.4
-60°	472.7	474.3	475.0	475.1	475.0	474.3	472.7	470.4	467.6	464.5	460.8
-62.5°	458.5	462.3	463.8	464.2	463.8	462.3	458.5	454.3	449.7	444.9	439.3
-65°	429.7	432.4	432.5	431.4	432.5	432.4	429.7	426.4	422.6	417.5	411.1
-67.5°	390.3	391.6	391.6	390.5	391.6	391.6	390.3	388.3	385.6	381.2	374.7
-70°	344.6	345.3	347.7	349.5	347.7	345.3	344.6	343.1	340.6	336.3	329.6
-72.5°	292.3	293.5	295.8	297.6	295.8	293.5	292.3	290.2	287.4	283.4	278.2
-75°	237.4	239.0	240.0	240.3	240.0	239.0	237.4	235.1	232.0	228.4	224.9
-77.5°	182.5	184.6	185.4	185.7	185.4	184.6	182.5	179.9	176.9	173.6	170.9
-80°	126.7	127.6	128.1	128.3	128.1	127.6	126.7	125.5	123.9	122.0	120.3
-82.5°	81.0	81.5	81.8	81.9	81.8	81.5	81.0	80.3	79.4	78.3	76.9
-85°	45.9	46.2	46.3	46.4	46.3	46.2	45.9	45.5	45.0	44.4	43.6
-87.5°	16.3	16.3	16.4	16.4	16.4	16.3	16.3	16.2	16.0	15.8	15.6
-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: P559120 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-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°	15.4	15.2	14.9	15.2	15.4	15.5	15.6	15.2	14.6	14.1	13.5
85°	42.8	41.8	40.8	39.2	37.7	36.2	34.8	33.1	31.4	29.8	28.2
82.5°	75.4	73.8	71.9	69.6	67.0	64.2	61.1	57.7	54.0	50.0	45.9
80°	118.1	115.6	112.5	108.7	104.5	100.0	95.3	90.4	84.9	79.6	74.7
77.5°	167.7	164.1	159.8	154.8	149.1	142.9	136.3	130.5	124.6	118.0	110.4
75°	220.6	215.8	210.3	204.3	197.7	190.5	182.5	174.0	165.4	156.8	147.6
72.5°	272.5	266.4	260.2	253.7	246.6	238.3	228.7	218.2	207.1	195.5	183.7
70°	322.3	314.5	306.7	299.2	291.1	282.1	272.3	261.5	249.8	236.7	222.1
67.5°	367.5	359.6	351.4	342.5	332.4	322.3	312.3	302.1	289.9	276.0	259.8
65°	404.3	397.1	390.2	380.7	370.4	359.4	348.4	336.6	324.4	311.7	296.4
62.5°	433.0	425.9	419.0	411.0	402.3	393.0	382.1	369.1	355.8	342.1	326.3
60°	456.1	450.5	443.6	436.1	428.0	419.0	407.9	396.7	385.5	370.3	354.5
57.5°	474.5	469.7	463.1	456.4	449.7	440.6	430.1	419.0	406.7	394.6	380.9
55°	489.1	484.9	479.2	472.6	465.2	457.6	449.1	438.6	426.6	415.2	401.5
52.5°	501.6	497.5	492.7	487.5	480.5	472.7	464.4	454.8	445.0	433.2	420.4
50°	511.8	508.2	503.9	498.6	492.7	486.5	478.4	469.3	460.4	449.6	437.2
47.5°	524.0	520.0	514.9	509.6	503.5	496.7	489.7	482.9	474.1	464.7	452.3
45°	540.6	535.0	528.3	522.1	515.0	507.8	499.6	493.2	486.4	477.0	466.8
42.5°	564.2	554.9	546.4	537.3	527.6	519.5	511.4	503.9	496.6	488.4	477.8
40°	600.9	581.4	569.5	556.3	544.5	532.1	523.3	514.3	506.4	498.4	488.0
37.5°	648.3	623.7	601.4	579.8	564.7	549.8	536.9	526.1	515.4	506.9	496.7
35°	699.5	670.0	642.5	615.1	588.1	569.9	552.6	539.0	526.6	514.9	504.8
32.5°	762.1	726.6	690.9	657.2	622.8	593.5	571.7	552.6	537.3	524.1	512.4
30°	833.4	788.8	746.1	704.1	662.2	624.4	593.0	568.8	548.8	533.0	520.1
27.5°	931.7	853.8	803.0	752.3	702.8	658.4	620.1	586.2	561.0	542.5	527.5
25°	1099.6	957.1	866.1	804.2	746.8	693.9	649.0	609.2	576.3	551.8	533.1
22.5°	1373.8	1130.0	958.2	858.5	792.6	734.1	681.3	633.4	590.3	560.7	539.5
20°	1904.3	1376.5	1104.8	935.4	835.6	771.5	713.1	658.9	609.0	570.4	545.1
17.5°	2843.9	1821.6	1275.3	1021.6	886.6	805.3	743.3	682.3	626.4	578.4	549.5
15°	3979.6	2435.9	1585.1	1156.5	942.6	833.1	769.8	703.4	643.3	589.1	555.4
12.5°	5589.8	3113.4	1854.0	1265.4	1003.4	867.2	792.1	724.4	658.9	600.4	560.5
10°	6931.8	3919.8	2281.4	1466.8	1084.5	903.3	808.4	736.9	667.8	608.5	563.8
7.5°	8615.3	4817.7	2662.5	1616.4	1146.0	929.2	818.2	743.6	672.6	613.5	565.5
5°	9678.3	5411.2	2917.2	1729.0	1191.6	946.7	825.3	746.2	673.5	615.6	565.8
2.5°	10426.3	5716.4	3033.3	1790.8	1217.5	954.4	828.7	747.9	676.7	617.4	568.8
0°	10550.7	5949.8	3050.0	1804.9	1220.5	950.2	827.3	748.2	679.9	617.1	570.7
-2.5°	10426.3	5716.4	3033.3	1790.8	1217.5	954.4	828.7	747.9	676.7	617.4	568.8
-5°	9678.3	5411.2	2917.2	1729.0	1191.6	946.7	825.3	746.2	673.5	615.6	565.8
-7.5°	8615.3	4817.7	2662.5	1616.4	1146.0	929.2	818.2	743.6	672.6	613.5	565.5
-10°	6931.8	3919.8	2281.4	1466.8	1084.5	903.3	808.4	736.9	667.8	608.5	563.8
-12.5°	5589.8	3113.4	1854.0	1265.4	1003.4	867.2	792.1	724.4	658.9	600.4	560.5
-15°	3979.6	2435.9	1585.1	1156.5	942.6	833.1	769.8	703.4	643.3	589.1	555.4
-17.5°	2843.9	1821.6	1275.3	1021.6	886.6	805.3	743.3	682.3	626.4	578.4	549.5
-20°	1904.3	1376.5	1104.8	935.4	835.6	771.5	713.1	658.9	609.0	570.4	545.1



REPORT NUMBER: P559120 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1373.8	1130.0	958.2	858.5	792.6	734.1	681.3	633.4	590.3	560.7	539.5
-25°	1099.6	957.1	866.1	804.2	746.8	693.9	649.0	609.2	576.3	551.8	533.1
-27.5°	931.7	853.8	803.0	752.3	702.8	658.4	620.1	586.2	561.0	542.5	527.5
-30°	833.4	788.8	746.1	704.1	662.2	624.4	593.0	568.8	548.8	533.0	520.1
-32.5°	762.1	726.6	690.9	657.2	622.8	593.5	571.7	552.6	537.3	524.1	512.4
-35°	699.5	670.0	642.5	615.1	588.1	569.9	552.6	539.0	526.6	514.9	504.8
-37.5°	648.3	623.7	601.4	579.8	564.7	549.8	536.9	526.1	515.4	506.9	496.7
-40°	600.9	581.4	569.5	556.3	544.5	532.1	523.3	514.3	506.4	498.4	488.0
-42.5°	564.2	554.9	546.4	537.3	527.6	519.5	511.4	503.9	496.6	488.4	477.8
-45°	540.6	535.0	528.3	522.1	515.0	507.8	499.6	493.2	486.4	477.0	466.8
-47.5°	524.0	520.0	514.9	509.6	503.5	496.7	489.7	482.9	474.1	464.7	452.3
-50°	511.8	508.2	503.9	498.6	492.7	486.5	478.4	469.3	460.4	449.6	437.2
-52.5°	501.6	497.5	492.7	487.5	480.5	472.7	464.4	454.8	445.0	433.2	420.4
-55°	489.1	484.9	479.2	472.6	465.2	457.6	449.1	438.6	426.6	415.2	401.5
-57.5°	474.5	469.7	463.1	456.4	449.7	440.6	430.1	419.0	406.7	394.6	380.9
-60°	456.1	450.5	443.6	436.1	428.0	419.0	407.9	396.7	385.5	370.3	354.5
-62.5°	433.0	425.9	419.0	411.0	402.3	393.0	382.1	369.1	355.8	342.1	326.3
-65°	404.3	397.1	390.2	380.7	370.4	359.4	348.4	336.6	324.4	311.7	296.4
-67.5°	367.5	359.6	351.4	342.5	332.4	322.3	312.3	302.1	289.9	276.0	259.8
-70°	322.3	314.5	306.7	299.2	291.1	282.1	272.3	261.5	249.8	236.7	222.1
-72.5°	272.5	266.4	260.2	253.7	246.6	238.3	228.7	218.2	207.1	195.5	183.7
-75°	220.6	215.8	210.3	204.3	197.7	190.5	182.5	174.0	165.4	156.8	147.6
-77.5°	167.7	164.1	159.8	154.8	149.1	142.9	136.3	130.5	124.6	118.0	110.4
-80°	118.1	115.6	112.5	108.7	104.5	100.0	95.3	90.4	84.9	79.6	74.7
-82.5°	75.4	73.8	71.9	69.6	67.0	64.2	61.1	57.7	54.0	50.0	45.9
-85°	42.8	41.8	40.8	39.2	37.7	36.2	34.8	33.1	31.4	29.8	28.2
-87.5°	15.4	15.2	14.9	15.2	15.4	15.5	15.6	15.2	14.6	14.1	13.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559120 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-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°	12.9	12.3	11.6	11.0	10.3	9.5	8.8	8.1	7.3	6.5	5.7
85°	27.0	25.7	24.3	22.7	21.0	19.1	17.6	16.1	14.6	13.1	11.5
82.5°	42.7	40.7	38.8	36.8	35.0	32.7	30.1	27.0	23.4	19.8	17.2
80°	70.2	65.5	60.6	55.5	50.7	46.4	43.3	39.5	34.4	29.4	24.6
77.5°	102.0	93.7	85.5	78.5	71.1	64.4	58.2	52.2	45.4	39.0	32.8
75°	137.0	126.2	115.5	104.8	93.4	82.1	73.7	65.8	57.5	48.7	41.0
72.5°	171.9	159.3	146.0	132.1	119.0	105.5	91.8	79.3	69.9	59.9	49.5
70°	207.3	192.7	177.9	161.8	145.3	129.0	113.4	97.6	82.3	71.1	59.5
67.5°	242.8	225.6	208.6	191.0	172.4	153.6	135.0	116.8	99.2	82.3	69.4
65°	277.6	258.2	238.3	219.1	199.0	178.0	157.2	135.9	115.7	96.7	79.1
62.5°	309.4	290.7	269.0	247.3	225.2	202.4	178.9	155.7	132.1	110.6	90.4
60°	337.5	318.5	298.7	275.7	251.4	226.7	201.1	175.0	149.6	124.2	102.0
57.5°	363.1	344.7	324.2	302.3	277.3	250.6	223.0	194.7	166.6	139.0	113.3
55°	386.7	368.1	348.5	326.1	301.6	274.1	244.4	214.1	183.4	153.7	124.4
52.5°	405.7	389.4	370.0	348.5	323.6	296.4	265.5	233.0	200.5	168.1	136.9
50°	423.1	407.7	389.6	368.1	344.7	316.4	286.1	251.8	216.9	182.2	149.2
47.5°	438.8	424.0	406.7	386.5	362.4	335.7	304.4	270.0	232.8	196.3	161.0
45°	452.8	438.4	422.2	402.4	379.5	352.3	321.5	287.8	248.8	210.0	172.3
42.5°	465.7	451.1	435.3	417.9	394.2	367.7	337.9	303.0	264.2	223.2	183.4
40°	475.8	462.3	447.4	429.4	407.9	382.6	351.8	317.2	279.0	235.9	194.4
37.5°	485.3	472.0	457.1	440.4	420.3	394.7	364.9	330.8	292.4	248.3	204.8
35°	493.2	480.4	465.8	449.5	429.9	406.1	377.5	343.0	303.6	259.9	214.7
32.5°	500.7	487.9	473.0	456.9	439.1	417.0	388.3	353.5	314.2	270.8	223.9
30°	507.5	493.8	479.7	463.6	446.9	425.0	397.3	363.2	324.1	280.8	232.6
27.5°	513.2	498.9	485.6	469.4	452.6	432.3	405.6	372.3	333.2	289.6	240.7
25°	518.4	503.6	489.8	474.7	457.6	439.0	413.3	380.5	340.9	297.0	248.1
22.5°	523.0	507.9	493.4	479.5	462.1	445.2	419.6	386.7	347.6	303.7	254.8
20°	527.1	511.6	496.3	483.1	465.8	448.9	424.6	392.4	353.6	309.6	260.8
17.5°	530.8	514.8	499.1	485.2	469.0	452.0	429.2	397.4	358.8	314.9	266.0
15°	534.1	517.3	501.6	487.0	471.5	454.7	433.2	401.9	363.3	319.4	270.4
12.5°	536.8	519.0	503.5	488.3	473.5	456.8	436.7	405.6	367.1	323.1	274.1
10°	539.0	520.0	504.9	489.2	474.8	458.4	439.7	408.6	370.0	326.1	277.1
7.5°	540.6	520.2	505.8	489.7	475.8	459.6	441.4	410.7	372.2	328.4	279.2
5°	541.9	520.9	506.8	490.7	476.9	460.6	442.4	412.0	373.6	329.8	280.6
2.5°	544.4	522.8	507.6	491.3	477.6	461.3	442.7	412.5	374.3	330.5	281.3
0°	546.1	524.3	507.9	491.5	477.8	461.5	442.3	412.3	374.1	330.4	281.2
-2.5°	544.4	522.8	507.6	491.3	477.6	461.3	442.7	412.5	374.3	330.5	281.3
-5°	541.9	520.9	506.8	490.7	476.9	460.6	442.4	412.0	373.6	329.8	280.6
-7.5°	540.6	520.2	505.8	489.7	475.8	459.6	441.4	410.7	372.2	328.4	279.2
-10°	539.0	520.0	504.9	489.2	474.8	458.4	439.7	408.6	370.0	326.1	277.1
-12.5°	536.8	519.0	503.5	488.3	473.5	456.8	436.7	405.6	367.1	323.1	274.1
-15°	534.1	517.3	501.6	487.0	471.5	454.7	433.2	401.9	363.3	319.4	270.4
-17.5°	530.8	514.8	499.1	485.2	469.0	452.0	429.2	397.4	358.8	314.9	266.0
-20°	527.1	511.6	496.3	483.1	465.8	448.9	424.6	392.4	353.6	309.6	260.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	523.0	507.9	493.4	479.5	462.1	445.2	419.6	386.7	347.6	303.7	254.8
-25°	518.4	503.6	489.8	474.7	457.6	439.0	413.3	380.5	340.9	297.0	248.1
-27.5°	513.2	498.9	485.6	469.4	452.6	432.3	405.6	372.3	333.2	289.6	240.7
-30°	507.5	493.8	479.7	463.6	446.9	425.0	397.3	363.2	324.1	280.8	232.6
-32.5°	500.7	487.9	473.0	456.9	439.1	417.0	388.3	353.5	314.2	270.8	223.9
-35°	493.2	480.4	465.8	449.5	429.9	406.1	377.5	343.0	303.6	259.9	214.7
-37.5°	485.3	472.0	457.1	440.4	420.3	394.7	364.9	330.8	292.4	248.3	204.8
-40°	475.8	462.3	447.4	429.4	407.9	382.6	351.8	317.2	279.0	235.9	194.4
-42.5°	465.7	451.1	435.3	417.9	394.2	367.7	337.9	303.0	264.2	223.2	183.4
-45°	452.8	438.4	422.2	402.4	379.5	352.3	321.5	287.8	248.8	210.0	172.3
-47.5°	438.8	424.0	406.7	386.5	362.4	335.7	304.4	270.0	232.8	196.3	161.0
-50°	423.1	407.7	389.6	368.1	344.7	316.4	286.1	251.8	216.9	182.2	149.2
-52.5°	405.7	389.4	370.0	348.5	323.6	296.4	265.5	233.0	200.5	168.1	136.9
-55°	386.7	368.1	348.5	326.1	301.6	274.1	244.4	214.1	183.4	153.7	124.4
-57.5°	363.1	344.7	324.2	302.3	277.3	250.6	223.0	194.7	166.6	139.0	113.3
-60°	337.5	318.5	298.7	275.7	251.4	226.7	201.1	175.0	149.6	124.2	102.0
-62.5°	309.4	290.7	269.0	247.3	225.2	202.4	178.9	155.7	132.1	110.6	90.4
-65°	277.6	258.2	238.3	219.1	199.0	178.0	157.2	135.9	115.7	96.7	79.1
-67.5°	242.8	225.6	208.6	191.0	172.4	153.6	135.0	116.8	99.2	82.3	69.4
-70°	207.3	192.7	177.9	161.8	145.3	129.0	113.4	97.6	82.3	71.1	59.5
-72.5°	171.9	159.3	146.0	132.1	119.0	105.5	91.8	79.3	69.9	59.9	49.5
-75°	137.0	126.2	115.5	104.8	93.4	82.1	73.7	65.8	57.5	48.7	41.0
-77.5°	102.0	93.7	85.5	78.5	71.1	64.4	58.2	52.2	45.4	39.0	32.8
-80°	70.2	65.5	60.6	55.5	50.7	46.4	43.3	39.5	34.4	29.4	24.6
-82.5°	42.7	40.7	38.8	36.8	35.0	32.7	30.1	27.0	23.4	19.8	17.2
-85°	27.0	25.7	24.3	22.7	21.0	19.1	17.6	16.1	14.6	13.1	11.5
-87.5°	12.9	12.3	11.6	11.0	10.3	9.5	8.8	8.1	7.3	6.5	5.7
-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°	4.9	4.3	3.6	2.8	1.9	1.0	0.0
85°	9.9	8.6	7.1	5.5	3.8	1.9	0.0
82.5°	14.8	12.8	10.6	8.3	5.7	2.8	0.0
80°	20.0	17.1	14.2	11.0	7.6	3.8	0.0
77.5°	27.0	21.9	17.7	13.7	9.4	4.7	0.0
75°	33.9	27.7	21.4	16.4	11.3	5.6	0.0
72.5°	40.7	33.4	26.0	19.1	13.1	6.6	0.0
70°	47.7	39.0	30.5	21.9	14.9	7.5	0.0
67.5°	56.3	44.6	35.0	25.2	16.7	8.3	0.0
65°	64.7	50.8	39.4	28.5	18.4	9.2	0.0
62.5°	73.0	57.6	43.7	31.8	20.1	10.1	0.0
60°	81.0	64.2	47.9	35.0	21.8	10.9	0.0
57.5°	90.5	70.6	52.9	38.1	23.8	11.7	0.0
55°	100.0	76.9	57.9	41.1	25.8	12.5	0.0
52.5°	109.3	83.1	62.7	44.0	27.7	13.3	0.0
50°	118.2	90.6	67.3	46.9	29.6	14.0	0.0
47.5°	127.0	97.8	71.7	49.7	31.4	14.7	0.0
45°	136.7	104.7	75.9	52.9	33.1	15.4	0.0
42.5°	145.9	111.3	80.0	55.9	34.7	16.1	0.0
40°	154.6	117.6	84.4	58.8	36.3	16.7	0.0
37.5°	162.8	123.6	89.2	61.4	37.8	17.3	0.0
35°	170.6	129.8	93.7	63.9	39.2	17.9	0.0
32.5°	178.0	135.9	98.0	66.1	40.5	18.4	0.0
30°	185.4	141.5	102.0	68.3	41.8	18.9	0.0
27.5°	192.2	146.7	105.6	70.2	42.9	19.3	0.0
25°	198.5	151.5	108.9	71.9	44.0	19.8	0.0
22.5°	204.2	155.8	112.0	73.5	44.9	20.1	0.0
20°	209.3	159.7	114.8	74.9	45.8	20.5	0.0
17.5°	213.9	163.2	117.2	76.1	46.6	20.8	0.0
15°	218.0	166.3	119.4	77.1	47.2	21.1	0.0
12.5°	221.5	168.9	121.3	77.9	47.8	21.3	0.0
10°	224.3	171.0	122.8	78.5	48.3	21.5	0.0
7.5°	226.5	172.7	124.0	78.9	48.6	21.6	0.0
5°	228.1	173.8	124.9	79.2	48.9	21.7	0.0
2.5°	229.1	174.6	125.4	79.3	49.0	21.8	0.0
0°	229.4	174.8	125.6	79.2	49.1	21.8	0.0
-2.5°	229.1	174.6	125.4	79.3	49.0	21.8	0.0
-5°	228.1	173.8	124.9	79.2	48.9	21.7	0.0
-7.5°	226.5	172.7	124.0	78.9	48.6	21.6	0.0
-10°	224.3	171.0	122.8	78.5	48.3	21.5	0.0
-12.5°	221.5	168.9	121.3	77.9	47.8	21.3	0.0
-15°	218.0	166.3	119.4	77.1	47.2	21.1	0.0
-17.5°	213.9	163.2	117.2	76.1	46.6	20.8	0.0
-20°	209.3	159.7	114.8	74.9	45.8	20.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	204.2	155.8	112.0	73.5	44.9	20.1	0.0
-25°	198.5	151.5	108.9	71.9	44.0	19.8	0.0
-27.5°	192.2	146.7	105.6	70.2	42.9	19.3	0.0
-30°	185.4	141.5	102.0	68.3	41.8	18.9	0.0
-32.5°	178.0	135.9	98.0	66.1	40.5	18.4	0.0
-35°	170.6	129.8	93.7	63.9	39.2	17.9	0.0
-37.5°	162.8	123.6	89.2	61.4	37.8	17.3	0.0
-40°	154.6	117.6	84.4	58.8	36.3	16.7	0.0
-42.5°	145.9	111.3	80.0	55.9	34.7	16.1	0.0
-45°	136.7	104.7	75.9	52.9	33.1	15.4	0.0
-47.5°	127.0	97.8	71.7	49.7	31.4	14.7	0.0
-50°	118.2	90.6	67.3	46.9	29.6	14.0	0.0
-52.5°	109.3	83.1	62.7	44.0	27.7	13.3	0.0
-55°	100.0	76.9	57.9	41.1	25.8	12.5	0.0
-57.5°	90.5	70.6	52.9	38.1	23.8	11.7	0.0
-60°	81.0	64.2	47.9	35.0	21.8	10.9	0.0
-62.5°	73.0	57.6	43.7	31.8	20.1	10.1	0.0
-65°	64.7	50.8	39.4	28.5	18.4	9.2	0.0
-67.5°	56.3	44.6	35.0	25.2	16.7	8.3	0.0
-70°	47.7	39.0	30.5	21.9	14.9	7.5	0.0
-72.5°	40.7	33.4	26.0	19.1	13.1	6.6	0.0
-75°	33.9	27.7	21.4	16.4	11.3	5.6	0.0
-77.5°	27.0	21.9	17.7	13.7	9.4	4.7	0.0
-80°	20.0	17.1	14.2	11.0	7.6	3.8	0.0
-82.5°	14.8	12.8	10.6	8.3	5.7	2.8	0.0
-85°	9.9	8.6	7.1	5.5	3.8	1.9	0.0
-87.5°	4.9	4.3	3.6	2.8	1.9	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)