

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: P558988 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-935-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558988 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4E-935-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

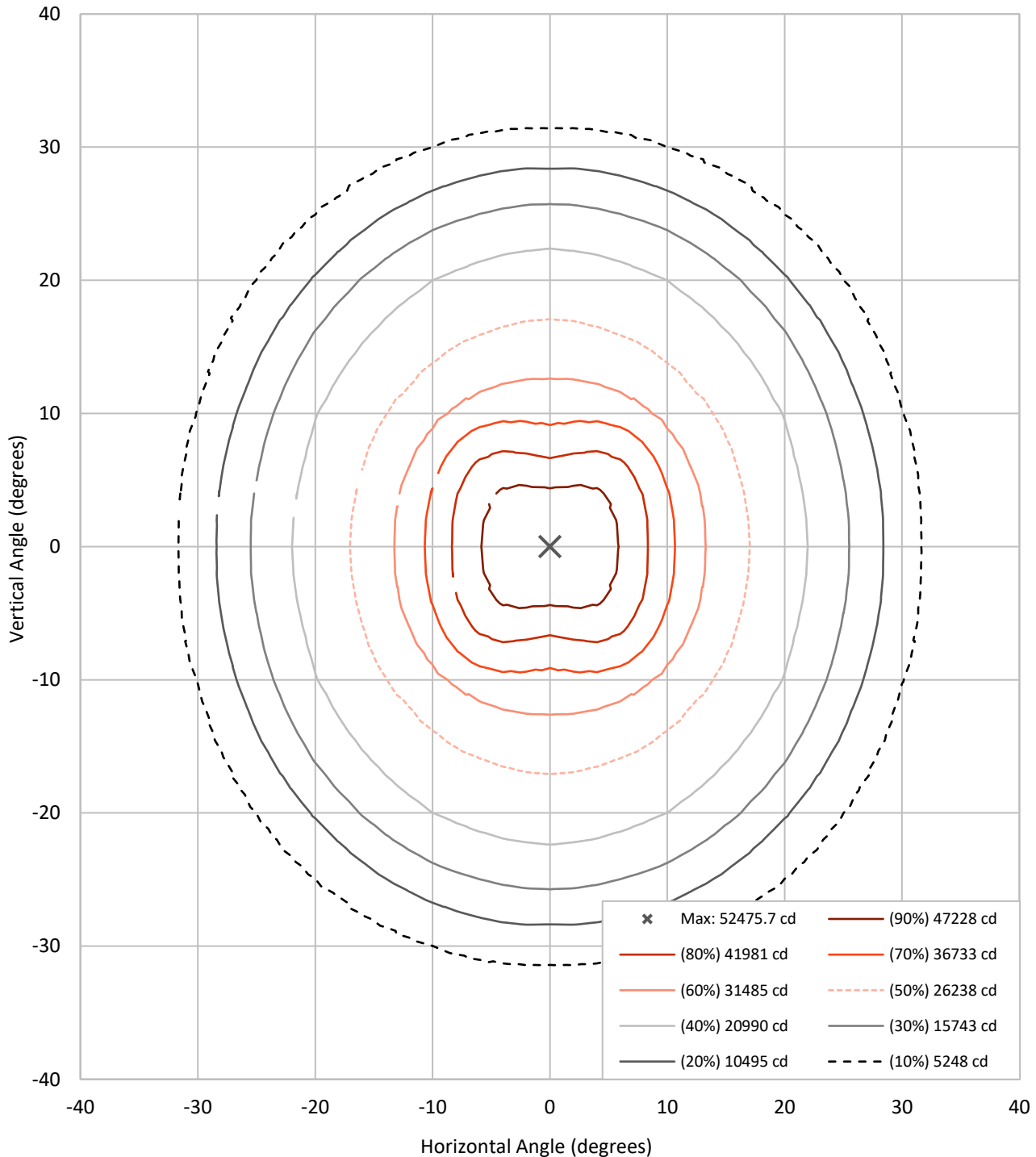
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	23213.8 lumens	Max Intensity:	52475.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	9887.6 lumens	Field Lumens:	20208.2 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 250
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: P558988 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





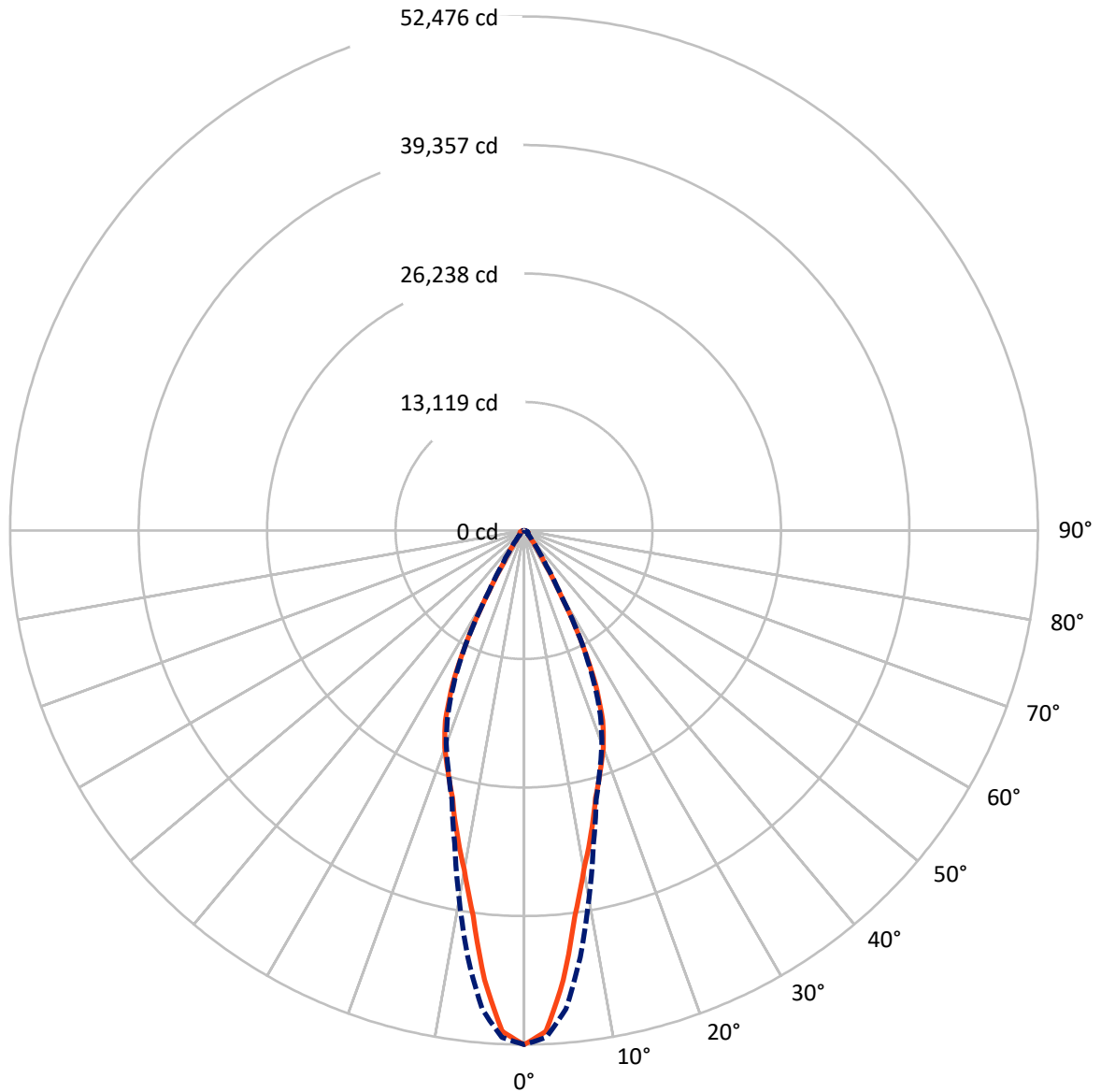
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Lumen Table

90																
80	0.3	2.6		7.2		11.9		13.9		11.9		7.2		2.6		0.3
70																
60	1.2	1.3	3.0	5.1	7.5	9.7	11.3	12.3	12.3	11.3	9.7	7.5	5.1	3.0	1.3	1.2
50		2.2	4.8	8.2	11.2	12.7	13.4	13.7	13.7	13.4	12.7	11.2	8.2	4.8	2.2	
40	2.2	3.0	6.6	9.9	11.5	14.3	18.4	21.1	21.1	18.4	14.3	11.5	9.9	6.6	3.0	2.2
30		3.8	7.7	10.0	15.0	29.6	56.3	86.0	86.0	56.3	29.6	15.0	10.0	7.7	3.8	
20	3.0	4.5	7.9	11.1	27.2	90.3	284.1	467.6	467.6	284.1	90.3	27.2	11.1	7.9	4.5	3.0
10		4.9	7.9	13.7	50.7	267.7	632.7	838.0	838.0	632.7	267.7	50.7	13.7	7.9	4.9	
0	3.3	5.1	7.9	15.8	77.1	421.8	822.8	1298.4	1298.4	822.8	421.8	77.1	15.8	7.9	5.1	3.3
-10		5.1	7.9	15.8	77.1	421.8	822.8	1298.4	1298.4	822.8	421.8	77.1	15.8	7.9	5.1	
-20	3.0	4.9	7.9	13.7	50.7	267.7	632.7	838.0	838.0	632.7	267.7	50.7	13.7	7.9	4.9	3.0
-30		4.5	7.9	11.1	27.2	90.3	284.1	467.6	467.6	284.1	90.3	27.2	11.1	7.9	4.5	
-40	2.2	3.8	7.7	10.0	15.0	29.6	56.3	86.0	86.0	56.3	29.6	15.0	10.0	7.7	3.8	2.2
-50		3.0	6.6	9.9	11.5	14.3	18.4	21.1	21.1	18.4	14.3	11.5	9.9	6.6	3.0	
-60	1.2	2.2	4.8	8.2	11.2	12.7	13.4	13.7	13.7	13.4	12.7	11.2	8.2	4.8	2.2	1.2
-70		1.3	3.0	5.1	7.5	9.7	11.3	12.3	12.3	11.3	9.7	7.5	5.1	3.0	1.3	
-80																
-90	0.3	2.6		7.2		11.9		13.9		11.9		7.2		2.6		0.3

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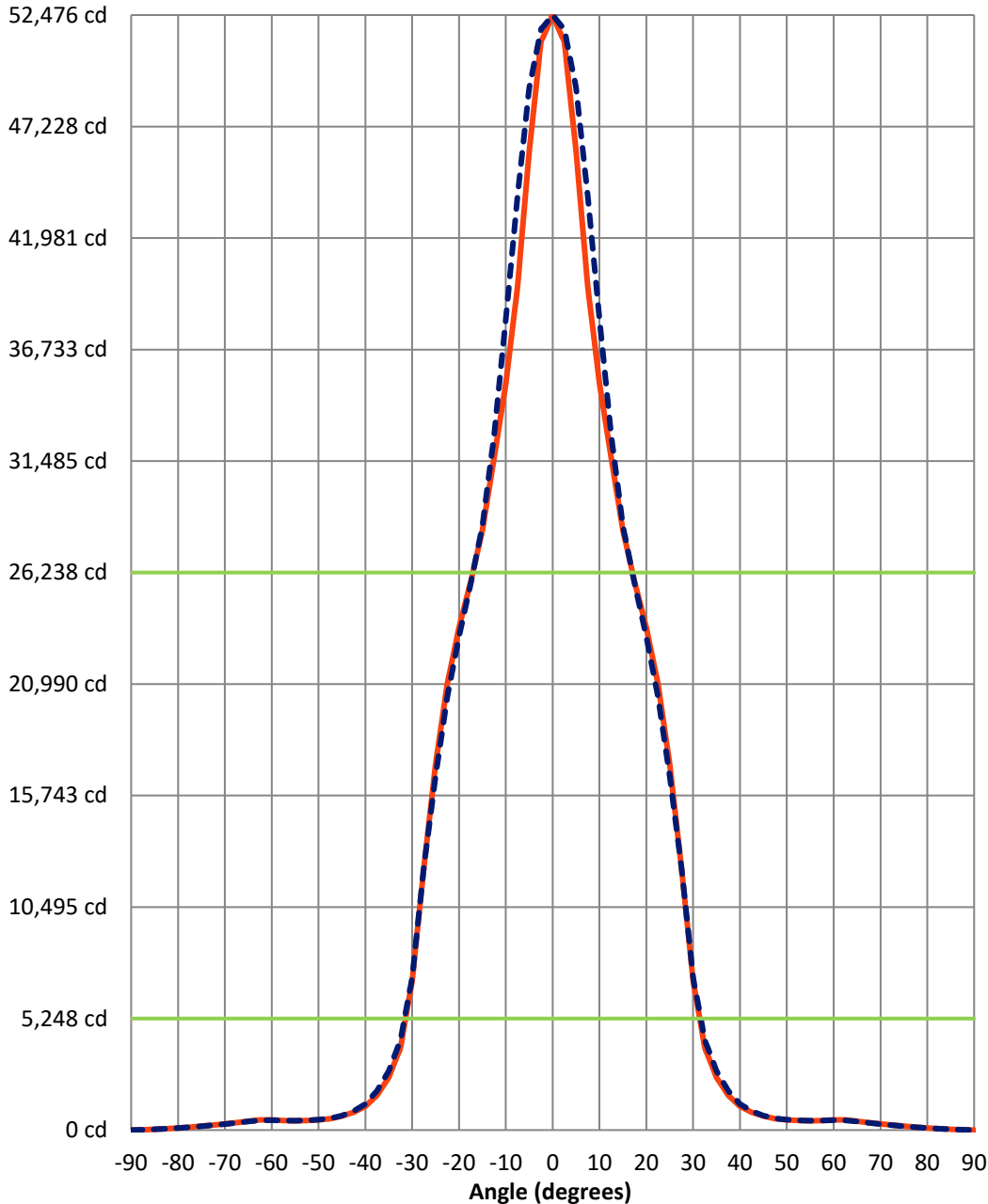
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 9887.6
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 20208.2
 Efficiency: 87.1%

Spill:
 Lumens: 3005.6
 Efficiency: 12.9%

- 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	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
85°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.2	10.2	11.3
82.5°	0.0	1.7	3.5	5.2	7.0	8.7	10.4	12.1	13.9	16.7	19.3
80°	0.0	2.3	4.6	7.0	9.3	11.5	14.1	18.1	21.9	25.4	28.6
77.5°	0.0	2.9	5.8	8.7	11.5	15.2	20.3	25.2	29.7	34.0	38.4
75°	0.0	3.5	6.9	10.4	14.1	20.2	26.4	32.2	37.6	43.4	49.3
72.5°	0.0	4.0	8.0	12.1	18.0	25.1	32.5	39.3	46.1	53.0	60.2
70°	0.0	4.6	9.2	13.9	21.8	29.9	38.4	46.4	54.4	62.6	73.1
67.5°	0.0	5.1	10.2	16.7	25.5	34.7	44.4	53.5	62.6	74.6	86.4
65°	0.0	5.7	11.3	19.4	29.2	39.6	50.4	60.3	73.1	86.4	100.6
62.5°	0.0	6.2	12.4	22.0	32.8	44.7	56.3	68.7	83.5	98.7	116.9
60°	0.0	6.7	13.4	24.6	36.2	49.7	62.1	77.6	93.6	113.1	132.9
57.5°	0.0	7.2	15.1	27.1	40.2	54.6	69.4	86.3	105.7	127.3	149.3
55°	0.0	7.7	16.7	29.5	44.2	59.5	76.7	94.9	117.9	141.2	165.5
52.5°	0.0	8.2	18.3	31.8	48.1	64.4	83.9	105.1	129.8	155.0	181.0
50°	0.0	8.6	19.9	34.1	51.8	70.2	90.8	115.1	141.4	168.2	197.3
47.5°	0.0	9.1	21.4	36.4	55.5	75.7	97.7	124.7	152.6	180.9	213.5
45°	0.0	9.5	22.8	39.1	59.1	81.1	105.5	133.8	163.3	195.1	229.3
42.5°	0.0	9.9	24.3	41.7	62.6	86.2	112.8	142.7	173.6	208.9	245.5
40°	0.0	10.3	25.6	44.2	66.2	91.1	119.8	151.3	184.1	222.2	261.2
37.5°	0.0	10.6	26.9	46.6	69.9	95.8	126.4	159.6	195.4	235.0	276.1
35°	0.0	11.0	28.2	48.8	73.5	100.7	132.5	167.5	206.0	247.6	290.6
32.5°	0.0	11.3	29.3	50.9	76.8	105.5	138.4	174.9	215.8	259.4	304.3
30°	0.0	11.6	30.4	52.8	79.9	110.0	144.3	182.2	225.0	270.4	317.2
27.5°	0.0	11.9	31.5	54.5	82.6	114.1	149.9	189.6	233.7	280.6	329.2
25°	0.0	12.1	32.5	56.0	85.0	117.8	155.0	196.5	242.0	290.3	340.2
22.5°	0.0	12.4	33.4	57.4	87.2	121.1	159.6	202.6	249.6	299.3	351.3
20°	0.0	12.6	34.2	58.6	89.1	123.9	163.9	208.2	256.4	307.3	361.2
17.5°	0.0	12.8	34.9	59.6	90.8	126.4	167.6	213.0	262.4	314.4	369.8
15°	0.0	12.9	35.6	60.5	92.3	128.5	170.9	217.3	267.6	320.6	377.3
12.5°	0.0	13.1	36.2	61.2	93.5	130.2	173.7	220.9	272.0	325.8	383.5
10°	0.0	13.2	36.7	61.7	94.4	131.6	176.1	223.9	275.4	330.6	389.1
7.5°	0.0	13.3	37.1	62.1	95.1	132.7	177.9	226.3	278.0	334.5	394.8
5°	0.0	13.3	37.4	62.3	95.6	133.4	179.2	228.0	279.6	337.5	399.4
2.5°	0.0	13.4	37.7	62.4	95.8	133.7	180.0	229.0	280.5	339.6	402.9
0°	0.0	13.4	37.8	62.3	95.7	133.6	180.3	229.3	280.5	340.6	405.1
-2.5°	0.0	13.4	37.7	62.4	95.8	133.7	180.0	229.0	280.5	339.6	402.9
-5°	0.0	13.3	37.4	62.3	95.6	133.4	179.2	228.0	279.6	337.5	399.4
-7.5°	0.0	13.3	37.1	62.1	95.1	132.7	177.9	226.3	278.0	334.5	394.8
-10°	0.0	13.2	36.7	61.7	94.4	131.6	176.1	223.9	275.4	330.6	389.1
-12.5°	0.0	13.1	36.2	61.2	93.5	130.2	173.7	220.9	272.0	325.8	383.5
-15°	0.0	12.9	35.6	60.5	92.3	128.5	170.9	217.3	267.6	320.6	377.3
-17.5°	0.0	12.8	34.9	59.6	90.8	126.4	167.6	213.0	262.4	314.4	369.8
-20°	0.0	12.6	34.2	58.6	89.1	123.9	163.9	208.2	256.4	307.3	361.2



REPORT NUMBER: P558988 (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	12.4	33.4	57.4	87.2	121.1	159.6	202.6	249.6	299.3	351.3
-25°	0.0	12.1	32.5	56.0	85.0	117.8	155.0	196.5	242.0	290.3	340.2
-27.5°	0.0	11.9	31.5	54.5	82.6	114.1	149.9	189.6	233.7	280.6	329.2
-30°	0.0	11.6	30.4	52.8	79.9	110.0	144.3	182.2	225.0	270.4	317.2
-32.5°	0.0	11.3	29.3	50.9	76.8	105.5	138.4	174.9	215.8	259.4	304.3
-35°	0.0	11.0	28.2	48.8	73.5	100.7	132.5	167.5	206.0	247.6	290.6
-37.5°	0.0	10.6	26.9	46.6	69.9	95.8	126.4	159.6	195.4	235.0	276.1
-40°	0.0	10.3	25.6	44.2	66.2	91.1	119.8	151.3	184.1	222.2	261.2
-42.5°	0.0	9.9	24.3	41.7	62.6	86.2	112.8	142.7	173.6	208.9	245.5
-45°	0.0	9.5	22.8	39.1	59.1	81.1	105.5	133.8	163.3	195.1	229.3
-47.5°	0.0	9.1	21.4	36.4	55.5	75.7	97.7	124.7	152.6	180.9	213.5
-50°	0.0	8.6	19.9	34.1	51.8	70.2	90.8	115.1	141.4	168.2	197.3
-52.5°	0.0	8.2	18.3	31.8	48.1	64.4	83.9	105.1	129.8	155.0	181.0
-55°	0.0	7.7	16.7	29.5	44.2	59.5	76.7	94.9	117.9	141.2	165.5
-57.5°	0.0	7.2	15.1	27.1	40.2	54.6	69.4	86.3	105.7	127.3	149.3
-60°	0.0	6.7	13.4	24.6	36.2	49.7	62.1	77.6	93.6	113.1	132.9
-62.5°	0.0	6.2	12.4	22.0	32.8	44.7	56.3	68.7	83.5	98.7	116.9
-65°	0.0	5.7	11.3	19.4	29.2	39.6	50.4	60.3	73.1	86.4	100.6
-67.5°	0.0	5.1	10.2	16.7	25.5	34.7	44.4	53.5	62.6	74.6	86.4
-70°	0.0	4.6	9.2	13.9	21.8	29.9	38.4	46.4	54.4	62.6	73.1
-72.5°	0.0	4.0	8.0	12.1	18.0	25.1	32.5	39.3	46.1	53.0	60.2
-75°	0.0	3.5	6.9	10.4	14.1	20.2	26.4	32.2	37.6	43.4	49.3
-77.5°	0.0	2.9	5.8	8.7	11.5	15.2	20.3	25.2	29.7	34.0	38.4
-80°	0.0	2.3	4.6	7.0	9.3	11.5	14.1	18.1	21.9	25.4	28.6
-82.5°	0.0	1.7	3.5	5.2	7.0	8.7	10.4	12.1	13.9	16.7	19.3
-85°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.2	10.2	11.3
-87.5°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	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):

	-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°	6.2	6.7	7.2	7.7	8.2	8.6	9.1	9.5	9.9	10.3	10.6
85°	12.4	13.4	15.0	16.6	18.1	19.4	20.6	21.7	22.9	24.0	25.1
82.5°	21.9	24.4	26.9	29.3	31.3	33.0	34.7	37.1	39.9	42.6	45.2
80°	32.0	35.4	39.6	43.9	47.7	51.5	55.3	59.0	62.8	66.7	70.7
77.5°	43.6	49.0	54.6	60.2	65.6	71.9	78.1	84.2	89.8	94.7	99.3
75°	55.8	62.5	70.7	79.1	87.1	94.9	102.8	111.4	119.0	125.8	132.2
72.5°	69.1	78.9	88.8	98.7	109.7	120.4	130.7	140.6	149.7	158.3	166.8
70°	83.9	95.2	108.3	121.7	134.5	146.7	158.6	169.8	180.4	191.6	203.5
67.5°	99.0	114.5	129.7	144.8	159.8	173.7	186.7	201.2	215.5	229.5	243.0
65°	117.0	134.1	151.6	168.9	185.3	202.1	218.8	235.3	252.1	268.1	283.0
62.5°	134.8	154.6	174.1	193.2	212.7	231.7	251.3	270.7	289.3	308.8	327.4
60°	153.7	175.4	196.7	218.2	240.0	262.8	284.7	307.4	330.2	352.2	373.4
57.5°	172.4	195.9	219.2	243.6	269.0	294.2	320.0	345.5	371.7	396.7	418.5
55°	190.7	216.0	242.2	270.1	298.1	326.9	355.7	385.5	413.6	434.7	454.5
52.5°	209.0	236.2	266.3	296.6	327.7	360.0	393.6	422.3	445.8	463.8	468.1
50°	227.0	258.1	289.9	323.2	357.6	394.1	426.3	452.2	465.4	470.5	467.8
47.5°	246.0	279.4	313.6	349.4	387.9	422.9	453.2	466.4	472.7	465.8	457.4
45°	264.8	300.6	336.8	376.1	414.6	447.6	464.7	474.0	465.6	457.4	451.6
42.5°	282.8	321.3	360.8	401.4	437.2	460.5	471.2	465.9	458.6	452.4	454.4
40°	300.8	341.1	384.4	422.6	454.8	466.7	464.9	458.3	454.1	456.8	465.8
37.5°	318.1	362.0	406.2	443.1	460.5	465.3	457.4	453.1	456.2	466.7	486.8
35°	334.5	381.9	424.1	455.0	466.6	458.4	452.7	452.0	463.9	485.3	515.1
32.5°	351.0	401.0	440.9	460.2	462.1	453.0	448.7	458.9	477.7	505.9	556.0
30°	367.2	415.6	453.2	464.9	456.9	449.8	452.2	467.0	492.5	539.3	620.4
27.5°	381.9	428.9	457.1	462.7	452.3	446.4	457.5	479.6	516.7	579.2	695.0
25°	395.3	440.9	460.6	458.5	449.3	448.6	463.6	491.0	542.1	643.2	801.7
22.5°	406.3	452.0	463.9	454.6	446.3	452.2	473.2	511.2	579.6	703.5	913.1
20°	415.3	454.7	463.3	450.8	443.3	455.1	481.7	531.0	630.0	797.9	1038.6
17.5°	423.5	457.1	460.2	448.3	445.1	459.8	490.6	548.6	674.8	879.1	1159.2
15°	430.7	459.2	457.2	446.2	447.2	466.1	505.1	582.0	728.6	955.5	1267.4
12.5°	437.0	461.0	454.4	444.4	448.8	471.3	517.4	612.3	781.7	1038.5	1441.0
10°	442.2	462.5	451.8	442.9	449.9	475.4	527.4	636.3	822.5	1108.8	1586.7
7.5°	447.0	463.7	449.6	441.7	450.5	478.5	535.0	653.9	851.6	1165.3	1695.6
5°	450.6	464.6	448.4	441.1	452.1	481.8	540.6	665.3	869.3	1206.4	1768.5
2.5°	453.0	465.1	447.6	440.8	454.4	486.3	545.4	674.9	885.1	1226.8	1820.4
0°	454.1	465.2	447.4	440.7	456.3	489.7	547.6	678.9	892.6	1226.5	1852.0
-2.5°	453.0	465.1	447.6	440.8	454.4	486.3	545.4	674.9	885.1	1226.8	1820.4
-5°	450.6	464.6	448.4	441.1	452.1	481.8	540.6	665.3	869.3	1206.4	1768.5
-7.5°	447.0	463.7	449.6	441.7	450.5	478.5	535.0	653.9	851.6	1165.3	1695.6
-10°	442.2	462.5	451.8	442.9	449.9	475.4	527.4	636.3	822.5	1108.8	1586.7
-12.5°	437.0	461.0	454.4	444.4	448.8	471.3	517.4	612.3	781.7	1038.5	1441.0
-15°	430.7	459.2	457.2	446.2	447.2	466.1	505.1	582.0	728.6	955.5	1267.4
-17.5°	423.5	457.1	460.2	448.3	445.1	459.8	490.6	548.6	674.8	879.1	1159.2
-20°	415.3	454.7	463.3	450.8	443.3	455.1	481.7	531.0	630.0	797.9	1038.6



REPORT NUMBER: P558988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	406.3	452.0	463.9	454.6	446.3	452.2	473.2	511.2	579.6	703.5	913.1
-25°	395.3	440.9	460.6	458.5	449.3	448.6	463.6	491.0	542.1	643.2	801.7
-27.5°	381.9	428.9	457.1	462.7	452.3	446.4	457.5	479.6	516.7	579.2	695.0
-30°	367.2	415.6	453.2	464.9	456.9	449.8	452.2	467.0	492.5	539.3	620.4
-32.5°	351.0	401.0	440.9	460.2	462.1	453.0	448.7	458.9	477.7	505.9	556.0
-35°	334.5	381.9	424.1	455.0	466.6	458.4	452.7	452.0	463.9	485.3	515.1
-37.5°	318.1	362.0	406.2	443.1	460.5	465.3	457.4	453.1	456.2	466.7	486.8
-40°	300.8	341.1	384.4	422.6	454.8	466.7	464.9	458.3	454.1	456.8	465.8
-42.5°	282.8	321.3	360.8	401.4	437.2	460.5	471.2	465.9	458.6	452.4	454.4
-45°	264.8	300.6	336.8	376.1	414.6	447.6	464.7	474.0	465.6	457.4	451.6
-47.5°	246.0	279.4	313.6	349.4	387.9	422.9	453.2	466.4	472.7	465.8	457.4
-50°	227.0	258.1	289.9	323.2	357.6	394.1	426.3	452.2	465.4	470.5	467.8
-52.5°	209.0	236.2	266.3	296.6	327.7	360.0	393.6	422.3	445.8	463.8	468.1
-55°	190.7	216.0	242.2	270.1	298.1	326.9	355.7	385.5	413.6	434.7	454.5
-57.5°	172.4	195.9	219.2	243.6	269.0	294.2	320.0	345.5	371.7	396.7	418.5
-60°	153.7	175.4	196.7	218.2	240.0	262.8	284.7	307.4	330.2	352.2	373.4
-62.5°	134.8	154.6	174.1	193.2	212.7	231.7	251.3	270.7	289.3	308.8	327.4
-65°	117.0	134.1	151.6	168.9	185.3	202.1	218.8	235.3	252.1	268.1	283.0
-67.5°	99.0	114.5	129.7	144.8	159.8	173.7	186.7	201.2	215.5	229.5	243.0
-70°	83.9	95.2	108.3	121.7	134.5	146.7	158.6	169.8	180.4	191.6	203.5
-72.5°	69.1	78.9	88.8	98.7	109.7	120.4	130.7	140.6	149.7	158.3	166.8
-75°	55.8	62.5	70.7	79.1	87.1	94.9	102.8	111.4	119.0	125.8	132.2
-77.5°	43.6	49.0	54.6	60.2	65.6	71.9	78.1	84.2	89.8	94.7	99.3
-80°	32.0	35.4	39.6	43.9	47.7	51.5	55.3	59.0	62.8	66.7	70.7
-82.5°	21.9	24.4	26.9	29.3	31.3	33.0	34.7	37.1	39.9	42.6	45.2
-85°	12.4	13.4	15.0	16.6	18.1	19.4	20.6	21.7	22.9	24.0	25.1
-87.5°	6.2	6.7	7.2	7.7	8.2	8.6	9.1	9.5	9.9	10.3	10.6
-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: P558988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-MR-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°	11.0	10.8	10.6	10.4	10.1	10.3	10.4	10.6	10.7	11.4	12.1
85°	26.2	27.3	28.5	29.7	31.0	31.9	32.6	33.3	33.9	34.5	34.9
82.5°	47.6	50.1	52.4	54.5	56.4	57.9	59.3	60.6	61.6	62.5	63.3
80°	74.3	77.5	80.5	83.1	85.4	87.3	89.0	90.4	91.5	93.7	95.8
77.5°	103.9	108.5	112.8	116.7	120.2	123.7	127.0	129.9	132.5	134.5	136.0
75°	138.3	144.2	150.0	155.4	160.3	165.4	170.3	174.8	178.9	181.6	183.6
72.5°	175.3	183.2	190.3	197.1	203.3	209.4	215.6	221.1	226.0	229.7	232.7
70°	214.8	225.0	233.4	241.2	248.8	256.6	264.1	270.7	276.4	281.1	284.8
67.5°	255.8	267.5	278.0	288.2	298.4	308.0	317.2	325.7	333.5	339.4	343.3
65°	297.7	312.8	326.6	339.2	350.5	361.3	372.7	383.2	392.7	400.5	406.6
62.5°	345.1	362.1	377.8	391.8	404.5	414.5	425.4	435.3	444.2	452.4	460.6
60°	393.5	412.5	426.3	438.2	449.1	458.8	462.6	466.2	469.2	471.9	475.1
57.5°	435.8	452.1	464.0	466.6	469.0	471.1	469.8	466.0	462.0	458.1	454.9
55°	465.3	469.9	475.1	471.0	464.5	458.5	453.1	449.4	445.9	442.8	440.1
52.5°	473.1	468.6	463.1	457.1	452.6	448.0	443.3	444.1	445.6	446.6	447.2
50°	461.6	456.3	453.3	449.9	450.6	452.9	454.8	459.1	464.6	468.5	471.8
47.5°	452.7	449.3	453.7	459.4	464.6	474.2	482.7	491.0	503.9	514.1	522.3
45°	450.3	458.7	467.4	481.3	493.4	514.4	534.2	550.7	581.5	609.7	631.8
42.5°	463.0	477.5	493.3	520.2	549.2	586.5	634.2	674.7	722.0	766.1	798.1
40°	484.0	505.3	541.0	584.2	652.1	712.4	791.5	859.2	922.9	990.3	1041.0
37.5°	514.2	554.0	620.7	698.5	801.4	900.2	1009.3	1115.3	1205.5	1342.2	1449.1
35°	559.1	639.8	734.4	864.3	998.7	1150.1	1309.7	1515.3	1696.3	1908.8	2108.5
32.5°	640.8	750.1	898.4	1074.1	1252.7	1514.0	1760.5	2094.6	2394.8	2769.5	3172.4
30°	736.5	899.5	1098.8	1328.3	1651.6	2011.1	2416.3	2928.8	3537.7	4262.8	5235.7
27.5°	868.3	1077.6	1328.4	1700.3	2159.0	2640.7	3359.4	4220.8	5790.5	7158.5	8971.6
25°	1010.2	1265.9	1662.5	2162.3	2765.9	3633.4	5038.4	6830.8	9369.6	11797.2	13737.9
22.5°	1173.9	1547.4	2048.0	2670.0	3646.9	5326.5	7507.9	10664.5	13495.5	15943.9	17829.6
20°	1355.1	1823.5	2496.3	3446.9	5110.5	7570.4	11072.3	14311.8	17203.4	19311.1	20977.2
17.5°	1589.7	2201.7	3055.3	4367.0	6920.5	10711.0	14321.1	17523.1	20039.0	21890.8	23367.8
15°	1808.9	2549.8	3656.1	5894.1	9379.3	13430.4	17130.9	19987.4	22164.5	23887.8	25215.7
12.5°	2067.5	2940.9	4358.3	7213.4	11640.1	15674.1	19126.0	21793.2	23889.8	25505.1	27284.9
10°	2297.8	3361.5	5364.5	8971.4	13496.8	17437.4	20789.6	23186.6	25288.9	27393.9	30062.6
7.5°	2488.0	3714.7	6189.7	10454.8	14922.4	18741.8	21795.6	24190.6	26507.7	29319.0	33168.2
5°	2639.0	3980.9	6868.5	11574.6	15958.6	19672.7	22563.9	24991.6	27608.8	31369.6	36535.2
2.5°	2740.0	4155.4	7292.9	12251.2	16612.4	20206.6	23133.5	25515.5	28259.5	32517.6	37914.3
0°	2780.2	4235.9	7185.2	12373.8	16652.0	20380.4	23218.4	25711.4	28444.8	32709.6	38167.6
-2.5°	2740.0	4155.4	7292.9	12251.2	16612.4	20206.6	23133.5	25515.5	28259.5	32517.6	37914.3
-5°	2639.0	3980.9	6868.5	11574.6	15958.6	19672.7	22563.9	24991.6	27608.8	31369.6	36535.2
-7.5°	2488.0	3714.7	6189.7	10454.8	14922.4	18741.8	21795.6	24190.6	26507.7	29319.0	33168.2
-10°	2297.8	3361.5	5364.5	8971.4	13496.8	17437.4	20789.6	23186.6	25288.9	27393.9	30062.6
-12.5°	2067.5	2940.9	4358.3	7213.4	11640.1	15674.1	19126.0	21793.2	23889.8	25505.1	27284.9
-15°	1808.9	2549.8	3656.1	5894.1	9379.3	13430.4	17130.9	19987.4	22164.5	23887.8	25215.7
-17.5°	1589.7	2201.7	3055.3	4367.0	6920.5	10711.0	14321.1	17523.1	20039.0	21890.8	23367.8
-20°	1355.1	1823.5	2496.3	3446.9	5110.5	7570.4	11072.3	14311.8	17203.4	19311.1	20977.2



REPORT NUMBER: P558988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1173.9	1547.4	2048.0	2670.0	3646.9	5326.5	7507.9	10664.5	13495.5	15943.9	17829.6
-25°	1010.2	1265.9	1662.5	2162.3	2765.9	3633.4	5038.4	6830.8	9369.6	11797.2	13737.9
-27.5°	868.3	1077.6	1328.4	1700.3	2159.0	2640.7	3359.4	4220.8	5790.5	7158.5	8971.6
-30°	736.5	899.5	1098.8	1328.3	1651.6	2011.1	2416.3	2928.8	3537.7	4262.8	5235.7
-32.5°	640.8	750.1	898.4	1074.1	1252.7	1514.0	1760.5	2094.6	2394.8	2769.5	3172.4
-35°	559.1	639.8	734.4	864.3	998.7	1150.1	1309.7	1515.3	1696.3	1908.8	2108.5
-37.5°	514.2	554.0	620.7	698.5	801.4	900.2	1009.3	1115.3	1205.5	1342.2	1449.1
-40°	484.0	505.3	541.0	584.2	652.1	712.4	791.5	859.2	922.9	990.3	1041.0
-42.5°	463.0	477.5	493.3	520.2	549.2	586.5	634.2	674.7	722.0	766.1	798.1
-45°	450.3	458.7	467.4	481.3	493.4	514.4	534.2	550.7	581.5	609.7	631.8
-47.5°	452.7	449.3	453.7	459.4	464.6	474.2	482.7	491.0	503.9	514.1	522.3
-50°	461.6	456.3	453.3	449.9	450.6	452.9	454.8	459.1	464.6	468.5	471.8
-52.5°	473.1	468.6	463.1	457.1	452.6	448.0	443.3	444.1	445.6	446.6	447.2
-55°	465.3	469.9	475.1	471.0	464.5	458.5	453.1	449.4	445.9	442.8	440.1
-57.5°	435.8	452.1	464.0	466.6	469.0	471.1	469.8	466.0	462.0	458.1	454.9
-60°	393.5	412.5	426.3	438.2	449.1	458.8	462.6	466.2	469.2	471.9	475.1
-62.5°	345.1	362.1	377.8	391.8	404.5	414.5	425.4	435.3	444.2	452.4	460.6
-65°	297.7	312.8	326.6	339.2	350.5	361.3	372.7	383.2	392.7	400.5	406.6
-67.5°	255.8	267.5	278.0	288.2	298.4	308.0	317.2	325.7	333.5	339.4	343.3
-70°	214.8	225.0	233.4	241.2	248.8	256.6	264.1	270.7	276.4	281.1	284.8
-72.5°	175.3	183.2	190.3	197.1	203.3	209.4	215.6	221.1	226.0	229.7	232.7
-75°	138.3	144.2	150.0	155.4	160.3	165.4	170.3	174.8	178.9	181.6	183.6
-77.5°	103.9	108.5	112.8	116.7	120.2	123.7	127.0	129.9	132.5	134.5	136.0
-80°	74.3	77.5	80.5	83.1	85.4	87.3	89.0	90.4	91.5	93.7	95.8
-82.5°	47.6	50.1	52.4	54.5	56.4	57.9	59.3	60.6	61.6	62.5	63.3
-85°	26.2	27.3	28.5	29.7	31.0	31.9	32.6	33.3	33.9	34.5	34.9
-87.5°	11.0	10.8	10.6	10.4	10.1	10.3	10.4	10.6	10.7	11.4	12.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-MR-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°	12.7	13.3	13.4	13.4	13.4	13.3	12.7	12.1	11.4	10.7	10.6
85°	35.2	35.4	36.7	37.8	36.7	35.4	35.2	34.9	34.5	33.9	33.3
82.5°	63.9	64.3	64.5	64.6	64.5	64.3	63.9	63.3	62.5	61.6	60.6
80°	97.8	99.6	98.9	97.9	98.9	99.6	97.8	95.8	93.7	91.5	90.4
77.5°	136.9	137.3	136.7	135.8	136.7	137.3	136.9	136.0	134.5	132.5	129.9
75°	185.0	185.9	186.7	187.0	186.7	185.9	185.0	183.6	181.6	178.9	174.8
72.5°	235.1	236.8	236.8	235.9	236.8	236.8	235.1	232.7	229.7	226.0	221.1
70°	287.8	289.9	291.2	291.6	291.2	289.9	287.8	284.8	281.1	276.4	270.7
67.5°	346.1	347.6	349.0	349.5	349.0	347.6	346.1	343.3	339.4	333.5	325.7
65°	411.6	415.6	416.8	416.2	416.8	415.6	411.6	406.6	400.5	392.7	383.2
62.5°	468.2	475.1	477.9	478.6	477.9	475.1	468.2	460.6	452.4	444.2	435.3
60°	477.8	480.1	480.8	480.8	480.8	480.1	477.8	475.1	471.9	469.2	466.2
57.5°	452.0	449.4	447.9	447.4	447.9	449.4	452.0	454.9	458.1	462.0	466.0
55°	437.6	435.4	434.3	434.1	434.3	435.4	437.6	440.1	442.8	445.9	449.4
52.5°	447.4	447.1	448.0	449.6	448.0	447.1	447.4	447.2	446.6	445.6	444.1
50°	474.7	476.7	478.8	480.8	478.8	476.7	474.7	471.8	468.5	464.6	459.1
47.5°	528.2	531.2	533.1	534.2	533.1	531.2	528.2	522.3	514.1	503.9	491.0
45°	646.2	654.0	657.7	658.9	657.7	654.0	646.2	631.8	609.7	581.5	550.7
42.5°	819.3	831.0	836.0	836.9	836.0	831.0	819.3	798.1	766.1	722.0	674.7
40°	1077.4	1098.1	1108.1	1115.2	1108.1	1098.1	1077.4	1041.0	990.3	922.9	859.2
37.5°	1529.2	1581.2	1610.6	1636.0	1610.6	1581.2	1529.2	1449.1	1342.2	1205.5	1115.3
35°	2270.9	2389.9	2460.0	2475.2	2460.0	2389.9	2270.9	2108.5	1908.8	1696.3	1515.3
32.5°	3482.6	3716.1	3855.7	3873.1	3855.7	3716.1	3482.6	3172.4	2769.5	2394.8	2094.6
30°	5991.0	6645.1	7093.3	7031.6	7093.3	6645.1	5991.0	5235.7	4262.8	3537.7	2928.8
27.5°	10456.9	11643.0	12413.4	12349.3	12413.4	11643.0	10456.9	8971.6	7158.5	5790.5	4220.8
25°	15229.9	16321.6	16966.1	17204.0	16966.1	16321.6	15229.9	13737.9	11797.2	9369.6	6830.8
22.5°	19127.6	20103.6	20661.0	20994.7	20661.0	20103.6	19127.6	17829.6	15943.9	13495.5	10664.5
20°	22114.0	22960.4	23439.9	23645.8	23439.9	22960.4	22114.0	20977.2	19311.1	17203.4	14311.8
17.5°	24411.4	25120.0	25662.9	25802.7	25662.9	25120.0	24411.4	23367.8	21890.8	20039.0	17523.1
15°	26443.6	27358.9	27999.1	28237.8	27999.1	27358.9	26443.6	25215.7	23887.8	22164.5	19987.4
12.5°	29006.2	30597.8	31443.9	31639.0	31443.9	30597.8	29006.2	27284.9	25505.1	23889.8	21793.2
10°	32793.9	35240.4	35517.6	35138.1	35517.6	35240.4	32793.9	30062.6	27393.9	25288.9	23186.6
7.5°	38310.4	41572.3	40867.0	39692.3	40867.0	41572.3	38310.4	33168.2	29319.0	26507.7	24190.6
5°	42257.9	46787.0	46927.6	46065.1	46927.6	46787.0	42257.9	36535.2	31369.6	27608.8	24991.6
2.5°	43829.5	48491.7	50812.2	51192.5	50812.2	48491.7	43829.5	37914.3	32517.6	28259.5	25515.5
0°	43947.1	49041.1	51792.3	52475.7	51792.3	49041.1	43947.1	38167.6	32709.6	28444.8	25711.4
-2.5°	43829.5	48491.7	50812.2	51192.5	50812.2	48491.7	43829.5	37914.3	32517.6	28259.5	25515.5
-5°	42257.9	46787.0	46927.6	46065.1	46927.6	46787.0	42257.9	36535.2	31369.6	27608.8	24991.6
-7.5°	38310.4	41572.3	40867.0	39692.3	40867.0	41572.3	38310.4	33168.2	29319.0	26507.7	24190.6
-10°	32793.9	35240.4	35517.6	35138.1	35517.6	35240.4	32793.9	30062.6	27393.9	25288.9	23186.6
-12.5°	29006.2	30597.8	31443.9	31639.0	31443.9	30597.8	29006.2	27284.9	25505.1	23889.8	21793.2
-15°	26443.6	27358.9	27999.1	28237.8	27999.1	27358.9	26443.6	25215.7	23887.8	22164.5	19987.4
-17.5°	24411.4	25120.0	25662.9	25802.7	25662.9	25120.0	24411.4	23367.8	21890.8	20039.0	17523.1
-20°	22114.0	22960.4	23439.9	23645.8	23439.9	22960.4	22114.0	20977.2	19311.1	17203.4	14311.8



REPORT NUMBER: P558988 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19127.6	20103.6	20661.0	20994.7	20661.0	20103.6	19127.6	17829.6	15943.9	13495.5	10664.5
-25°	15229.9	16321.6	16966.1	17204.0	16966.1	16321.6	15229.9	13737.9	11797.2	9369.6	6830.8
-27.5°	10456.9	11643.0	12413.4	12349.3	12413.4	11643.0	10456.9	8971.6	7158.5	5790.5	4220.8
-30°	5991.0	6645.1	7093.3	7031.6	7093.3	6645.1	5991.0	5235.7	4262.8	3537.7	2928.8
-32.5°	3482.6	3716.1	3855.7	3873.1	3855.7	3716.1	3482.6	3172.4	2769.5	2394.8	2094.6
-35°	2270.9	2389.9	2460.0	2475.2	2460.0	2389.9	2270.9	2108.5	1908.8	1696.3	1515.3
-37.5°	1529.2	1581.2	1610.6	1636.0	1610.6	1581.2	1529.2	1449.1	1342.2	1205.5	1115.3
-40°	1077.4	1098.1	1108.1	1115.2	1108.1	1098.1	1077.4	1041.0	990.3	922.9	859.2
-42.5°	819.3	831.0	836.0	836.9	836.0	831.0	819.3	798.1	766.1	722.0	674.7
-45°	646.2	654.0	657.7	658.9	657.7	654.0	646.2	631.8	609.7	581.5	550.7
-47.5°	528.2	531.2	533.1	534.2	533.1	531.2	528.2	522.3	514.1	503.9	491.0
-50°	474.7	476.7	478.8	480.8	478.8	476.7	474.7	471.8	468.5	464.6	459.1
-52.5°	447.4	447.1	448.0	449.6	448.0	447.1	447.4	447.2	446.6	445.6	444.1
-55°	437.6	435.4	434.3	434.1	434.3	435.4	437.6	440.1	442.8	445.9	449.4
-57.5°	452.0	449.4	447.9	447.4	447.9	449.4	452.0	454.9	458.1	462.0	466.0
-60°	477.8	480.1	480.8	480.8	480.8	480.1	477.8	475.1	471.9	469.2	466.2
-62.5°	468.2	475.1	477.9	478.6	477.9	475.1	468.2	460.6	452.4	444.2	435.3
-65°	411.6	415.6	416.8	416.2	416.8	415.6	411.6	406.6	400.5	392.7	383.2
-67.5°	346.1	347.6	349.0	349.5	349.0	347.6	346.1	343.3	339.4	333.5	325.7
-70°	287.8	289.9	291.2	291.6	291.2	289.9	287.8	284.8	281.1	276.4	270.7
-72.5°	235.1	236.8	236.8	235.9	236.8	236.8	235.1	232.7	229.7	226.0	221.1
-75°	185.0	185.9	186.7	187.0	186.7	185.9	185.0	183.6	181.6	178.9	174.8
-77.5°	136.9	137.3	136.7	135.8	136.7	137.3	136.9	136.0	134.5	132.5	129.9
-80°	97.8	99.6	98.9	97.9	98.9	99.6	97.8	95.8	93.7	91.5	90.4
-82.5°	63.9	64.3	64.5	64.6	64.5	64.3	63.9	63.3	62.5	61.6	60.6
-85°	35.2	35.4	36.7	37.8	36.7	35.4	35.2	34.9	34.5	33.9	33.3
-87.5°	12.7	13.3	13.4	13.4	13.4	13.3	12.7	12.1	11.4	10.7	10.6
-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):

	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°	10.4	10.3	10.1	10.4	10.6	10.8	11.0	10.6	10.3	9.9	9.5
85°	32.6	31.9	31.0	29.7	28.5	27.3	26.2	25.1	24.0	22.9	21.7
82.5°	59.3	57.9	56.4	54.5	52.4	50.1	47.6	45.2	42.6	39.9	37.1
80°	89.0	87.3	85.4	83.1	80.5	77.5	74.3	70.7	66.7	62.8	59.0
77.5°	127.0	123.7	120.2	116.7	112.8	108.5	103.9	99.3	94.7	89.8	84.2
75°	170.3	165.4	160.3	155.4	150.0	144.2	138.3	132.2	125.8	119.0	111.4
72.5°	215.6	209.4	203.3	197.1	190.3	183.2	175.3	166.8	158.3	149.7	140.6
70°	264.1	256.6	248.8	241.2	233.4	225.0	214.8	203.5	191.6	180.4	169.8
67.5°	317.2	308.0	298.4	288.2	278.0	267.5	255.8	243.0	229.5	215.5	201.2
65°	372.7	361.3	350.5	339.2	326.6	312.8	297.7	283.0	268.1	252.1	235.3
62.5°	425.4	414.5	404.5	391.8	377.8	362.1	345.1	327.4	308.8	289.3	270.7
60°	462.6	458.8	449.1	438.2	426.3	412.5	393.5	373.4	352.2	330.2	307.4
57.5°	469.8	471.1	469.0	466.6	464.0	452.1	435.8	418.5	396.7	371.7	345.5
55°	453.1	458.5	464.5	471.0	475.1	469.9	465.3	454.5	434.7	413.6	385.5
52.5°	443.3	448.0	452.6	457.1	463.1	468.6	473.1	468.1	463.8	445.8	422.3
50°	454.8	452.9	450.6	449.9	453.3	456.3	461.6	467.8	470.5	465.4	452.2
47.5°	482.7	474.2	464.6	459.4	453.7	449.3	452.7	457.4	465.8	472.7	466.4
45°	534.2	514.4	493.4	481.3	467.4	458.7	450.3	451.6	457.4	465.6	474.0
42.5°	634.2	586.5	549.2	520.2	493.3	477.5	463.0	454.4	452.4	458.6	465.9
40°	791.5	712.4	652.1	584.2	541.0	505.3	484.0	465.8	456.8	454.1	458.3
37.5°	1009.3	900.2	801.4	698.5	620.7	554.0	514.2	486.8	466.7	456.2	453.1
35°	1309.7	1150.1	998.7	864.3	734.4	639.8	559.1	515.1	485.3	463.9	452.0
32.5°	1760.5	1514.0	1252.7	1074.1	898.4	750.1	640.8	556.0	505.9	477.7	458.9
30°	2416.3	2011.1	1651.6	1328.3	1098.8	899.5	736.5	620.4	539.3	492.5	467.0
27.5°	3359.4	2640.7	2159.0	1700.3	1328.4	1077.6	868.3	695.0	579.2	516.7	479.6
25°	5038.4	3633.4	2765.9	2162.3	1662.5	1265.9	1010.2	801.7	643.2	542.1	491.0
22.5°	7507.9	5326.5	3646.9	2670.0	2048.0	1547.4	1173.9	913.1	703.5	579.6	511.2
20°	11072.3	7570.4	5110.5	3446.9	2496.3	1823.5	1355.1	1038.6	797.9	630.0	531.0
17.5°	14321.1	10711.0	6920.5	4367.0	3055.3	2201.7	1589.7	1159.2	879.1	674.8	548.6
15°	17130.9	13430.4	9379.3	5894.1	3656.1	2549.8	1808.9	1267.4	955.5	728.6	582.0
12.5°	19126.0	15674.1	11640.1	7213.4	4358.3	2940.9	2067.5	1441.0	1038.5	781.7	612.3
10°	20789.6	17437.4	13496.8	8971.4	5364.5	3361.5	2297.8	1586.7	1108.8	822.5	636.3
7.5°	21795.6	18741.8	14922.4	10454.8	6189.7	3714.7	2488.0	1695.6	1165.3	851.6	653.9
5°	22563.9	19672.7	15958.6	11574.6	6868.5	3980.9	2639.0	1768.5	1206.4	869.3	665.3
2.5°	23133.5	20206.6	16612.4	12251.2	7292.9	4155.4	2740.0	1820.4	1226.8	885.1	674.9
0°	23218.4	20380.4	16652.0	12373.8	7185.2	4235.9	2780.2	1852.0	1226.5	892.6	678.9
-2.5°	23133.5	20206.6	16612.4	12251.2	7292.9	4155.4	2740.0	1820.4	1226.8	885.1	674.9
-5°	22563.9	19672.7	15958.6	11574.6	6868.5	3980.9	2639.0	1768.5	1206.4	869.3	665.3
-7.5°	21795.6	18741.8	14922.4	10454.8	6189.7	3714.7	2488.0	1695.6	1165.3	851.6	653.9
-10°	20789.6	17437.4	13496.8	8971.4	5364.5	3361.5	2297.8	1586.7	1108.8	822.5	636.3
-12.5°	19126.0	15674.1	11640.1	7213.4	4358.3	2940.9	2067.5	1441.0	1038.5	781.7	612.3
-15°	17130.9	13430.4	9379.3	5894.1	3656.1	2549.8	1808.9	1267.4	955.5	728.6	582.0
-17.5°	14321.1	10711.0	6920.5	4367.0	3055.3	2201.7	1589.7	1159.2	879.1	674.8	548.6
-20°	11072.3	7570.4	5110.5	3446.9	2496.3	1823.5	1355.1	1038.6	797.9	630.0	531.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7507.9	5326.5	3646.9	2670.0	2048.0	1547.4	1173.9	913.1	703.5	579.6	511.2
-25°	5038.4	3633.4	2765.9	2162.3	1662.5	1265.9	1010.2	801.7	643.2	542.1	491.0
-27.5°	3359.4	2640.7	2159.0	1700.3	1328.4	1077.6	868.3	695.0	579.2	516.7	479.6
-30°	2416.3	2011.1	1651.6	1328.3	1098.8	899.5	736.5	620.4	539.3	492.5	467.0
-32.5°	1760.5	1514.0	1252.7	1074.1	898.4	750.1	640.8	556.0	505.9	477.7	458.9
-35°	1309.7	1150.1	998.7	864.3	734.4	639.8	559.1	515.1	485.3	463.9	452.0
-37.5°	1009.3	900.2	801.4	698.5	620.7	554.0	514.2	486.8	466.7	456.2	453.1
-40°	791.5	712.4	652.1	584.2	541.0	505.3	484.0	465.8	456.8	454.1	458.3
-42.5°	634.2	586.5	549.2	520.2	493.3	477.5	463.0	454.4	452.4	458.6	465.9
-45°	534.2	514.4	493.4	481.3	467.4	458.7	450.3	451.6	457.4	465.6	474.0
-47.5°	482.7	474.2	464.6	459.4	453.7	449.3	452.7	457.4	465.8	472.7	466.4
-50°	454.8	452.9	450.6	449.9	453.3	456.3	461.6	467.8	470.5	465.4	452.2
-52.5°	443.3	448.0	452.6	457.1	463.1	468.6	473.1	468.1	463.8	445.8	422.3
-55°	453.1	458.5	464.5	471.0	475.1	469.9	465.3	454.5	434.7	413.6	385.5
-57.5°	469.8	471.1	469.0	466.6	464.0	452.1	435.8	418.5	396.7	371.7	345.5
-60°	462.6	458.8	449.1	438.2	426.3	412.5	393.5	373.4	352.2	330.2	307.4
-62.5°	425.4	414.5	404.5	391.8	377.8	362.1	345.1	327.4	308.8	289.3	270.7
-65°	372.7	361.3	350.5	339.2	326.6	312.8	297.7	283.0	268.1	252.1	235.3
-67.5°	317.2	308.0	298.4	288.2	278.0	267.5	255.8	243.0	229.5	215.5	201.2
-70°	264.1	256.6	248.8	241.2	233.4	225.0	214.8	203.5	191.6	180.4	169.8
-72.5°	215.6	209.4	203.3	197.1	190.3	183.2	175.3	166.8	158.3	149.7	140.6
-75°	170.3	165.4	160.3	155.4	150.0	144.2	138.3	132.2	125.8	119.0	111.4
-77.5°	127.0	123.7	120.2	116.7	112.8	108.5	103.9	99.3	94.7	89.8	84.2
-80°	89.0	87.3	85.4	83.1	80.5	77.5	74.3	70.7	66.7	62.8	59.0
-82.5°	59.3	57.9	56.4	54.5	52.4	50.1	47.6	45.2	42.6	39.9	37.1
-85°	32.6	31.9	31.0	29.7	28.5	27.3	26.2	25.1	24.0	22.9	21.7
-87.5°	10.4	10.3	10.1	10.4	10.6	10.8	11.0	10.6	10.3	9.9	9.5
-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-SA4E-935-U-MR-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°	9.1	8.6	8.2	7.7	7.2	6.7	6.2	5.7	5.1	4.6	4.0
85°	20.6	19.4	18.1	16.6	15.0	13.4	12.4	11.3	10.2	9.2	8.0
82.5°	34.7	33.0	31.3	29.3	26.9	24.4	21.9	19.3	16.7	13.9	12.1
80°	55.3	51.5	47.7	43.9	39.6	35.4	32.0	28.6	25.4	21.9	18.1
77.5°	78.1	71.9	65.6	60.2	54.6	49.0	43.6	38.4	34.0	29.7	25.2
75°	102.8	94.9	87.1	79.1	70.7	62.5	55.8	49.3	43.4	37.6	32.2
72.5°	130.7	120.4	109.7	98.7	88.8	78.9	69.1	60.2	53.0	46.1	39.3
70°	158.6	146.7	134.5	121.7	108.3	95.2	83.9	73.1	62.6	54.4	46.4
67.5°	186.7	173.7	159.8	144.8	129.7	114.5	99.0	86.4	74.6	62.6	53.5
65°	218.8	202.1	185.3	168.9	151.6	134.1	117.0	100.6	86.4	73.1	60.3
62.5°	251.3	231.7	212.7	193.2	174.1	154.6	134.8	116.9	98.7	83.5	68.7
60°	284.7	262.8	240.0	218.2	196.7	175.4	153.7	132.9	113.1	93.6	77.6
57.5°	320.0	294.2	269.0	243.6	219.2	195.9	172.4	149.3	127.3	105.7	86.3
55°	355.7	326.9	298.1	270.1	242.2	216.0	190.7	165.5	141.2	117.9	94.9
52.5°	393.6	360.0	327.7	296.6	266.3	236.2	209.0	181.0	155.0	129.8	105.1
50°	426.3	394.1	357.6	323.2	289.9	258.1	227.0	197.3	168.2	141.4	115.1
47.5°	453.2	422.9	387.9	349.4	313.6	279.4	246.0	213.5	180.9	152.6	124.7
45°	464.7	447.6	414.6	376.1	336.8	300.6	264.8	229.3	195.1	163.3	133.8
42.5°	471.2	460.5	437.2	401.4	360.8	321.3	282.8	245.5	208.9	173.6	142.7
40°	464.9	466.7	454.8	422.6	384.4	341.1	300.8	261.2	222.2	184.1	151.3
37.5°	457.4	465.3	460.5	443.1	406.2	362.0	318.1	276.1	235.0	195.4	159.6
35°	452.7	458.4	466.6	455.0	424.1	381.9	334.5	290.6	247.6	206.0	167.5
32.5°	448.7	453.0	462.1	460.2	440.9	401.0	351.0	304.3	259.4	215.8	174.9
30°	452.2	449.8	456.9	464.9	453.2	415.6	367.2	317.2	270.4	225.0	182.2
27.5°	457.5	446.4	452.3	462.7	457.1	428.9	381.9	329.2	280.6	233.7	189.6
25°	463.6	448.6	449.3	458.5	460.6	440.9	395.3	340.2	290.3	242.0	196.5
22.5°	473.2	452.2	446.3	454.6	463.9	452.0	406.3	351.3	299.3	249.6	202.6
20°	481.7	455.1	443.3	450.8	463.3	454.7	415.3	361.2	307.3	256.4	208.2
17.5°	490.6	459.8	445.1	448.3	460.2	457.1	423.5	369.8	314.4	262.4	213.0
15°	505.1	466.1	447.2	446.2	457.2	459.2	430.7	377.3	320.6	267.6	217.3
12.5°	517.4	471.3	448.8	444.4	454.4	461.0	437.0	383.5	325.8	272.0	220.9
10°	527.4	475.4	449.9	442.9	451.8	462.5	442.2	389.1	330.6	275.4	223.9
7.5°	535.0	478.5	450.5	441.7	449.6	463.7	447.0	394.8	334.5	278.0	226.3
5°	540.6	481.8	452.1	441.1	448.4	464.6	450.6	399.4	337.5	279.6	228.0
2.5°	545.4	486.3	454.4	440.8	447.6	465.1	453.0	402.9	339.6	280.5	229.0
0°	547.6	489.7	456.3	440.7	447.4	465.2	454.1	405.1	340.6	280.5	229.3
-2.5°	545.4	486.3	454.4	440.8	447.6	465.1	453.0	402.9	339.6	280.5	229.0
-5°	540.6	481.8	452.1	441.1	448.4	464.6	450.6	399.4	337.5	279.6	228.0
-7.5°	535.0	478.5	450.5	441.7	449.6	463.7	447.0	394.8	334.5	278.0	226.3
-10°	527.4	475.4	449.9	442.9	451.8	462.5	442.2	389.1	330.6	275.4	223.9
-12.5°	517.4	471.3	448.8	444.4	454.4	461.0	437.0	383.5	325.8	272.0	220.9
-15°	505.1	466.1	447.2	446.2	457.2	459.2	430.7	377.3	320.6	267.6	217.3
-17.5°	490.6	459.8	445.1	448.3	460.2	457.1	423.5	369.8	314.4	262.4	213.0
-20°	481.7	455.1	443.3	450.8	463.3	454.7	415.3	361.2	307.3	256.4	208.2



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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°	473.2	452.2	446.3	454.6	463.9	452.0	406.3	351.3	299.3	249.6	202.6
-25°	463.6	448.6	449.3	458.5	460.6	440.9	395.3	340.2	290.3	242.0	196.5
-27.5°	457.5	446.4	452.3	462.7	457.1	428.9	381.9	329.2	280.6	233.7	189.6
-30°	452.2	449.8	456.9	464.9	453.2	415.6	367.2	317.2	270.4	225.0	182.2
-32.5°	448.7	453.0	462.1	460.2	440.9	401.0	351.0	304.3	259.4	215.8	174.9
-35°	452.7	458.4	466.6	455.0	424.1	381.9	334.5	290.6	247.6	206.0	167.5
-37.5°	457.4	465.3	460.5	443.1	406.2	362.0	318.1	276.1	235.0	195.4	159.6
-40°	464.9	466.7	454.8	422.6	384.4	341.1	300.8	261.2	222.2	184.1	151.3
-42.5°	471.2	460.5	437.2	401.4	360.8	321.3	282.8	245.5	208.9	173.6	142.7
-45°	464.7	447.6	414.6	376.1	336.8	300.6	264.8	229.3	195.1	163.3	133.8
-47.5°	453.2	422.9	387.9	349.4	313.6	279.4	246.0	213.5	180.9	152.6	124.7
-50°	426.3	394.1	357.6	323.2	289.9	258.1	227.0	197.3	168.2	141.4	115.1
-52.5°	393.6	360.0	327.7	296.6	266.3	236.2	209.0	181.0	155.0	129.8	105.1
-55°	355.7	326.9	298.1	270.1	242.2	216.0	190.7	165.5	141.2	117.9	94.9
-57.5°	320.0	294.2	269.0	243.6	219.2	195.9	172.4	149.3	127.3	105.7	86.3
-60°	284.7	262.8	240.0	218.2	196.7	175.4	153.7	132.9	113.1	93.6	77.6
-62.5°	251.3	231.7	212.7	193.2	174.1	154.6	134.8	116.9	98.7	83.5	68.7
-65°	218.8	202.1	185.3	168.9	151.6	134.1	117.0	100.6	86.4	73.1	60.3
-67.5°	186.7	173.7	159.8	144.8	129.7	114.5	99.0	86.4	74.6	62.6	53.5
-70°	158.6	146.7	134.5	121.7	108.3	95.2	83.9	73.1	62.6	54.4	46.4
-72.5°	130.7	120.4	109.7	98.7	88.8	78.9	69.1	60.2	53.0	46.1	39.3
-75°	102.8	94.9	87.1	79.1	70.7	62.5	55.8	49.3	43.4	37.6	32.2
-77.5°	78.1	71.9	65.6	60.2	54.6	49.0	43.6	38.4	34.0	29.7	25.2
-80°	55.3	51.5	47.7	43.9	39.6	35.4	32.0	28.6	25.4	21.9	18.1
-82.5°	34.7	33.0	31.3	29.3	26.9	24.4	21.9	19.3	16.7	13.9	12.1
-85°	20.6	19.4	18.1	16.6	15.0	13.4	12.4	11.3	10.2	9.2	8.0
-87.5°	9.1	8.6	8.2	7.7	7.2	6.7	6.2	5.7	5.1	4.6	4.0
-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°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
85°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
82.5°	10.4	8.7	7.0	5.2	3.5	1.7	0.0
80°	14.1	11.5	9.3	7.0	4.6	2.3	0.0
77.5°	20.3	15.2	11.5	8.7	5.8	2.9	0.0
75°	26.4	20.2	14.1	10.4	6.9	3.5	0.0
72.5°	32.5	25.1	18.0	12.1	8.0	4.0	0.0
70°	38.4	29.9	21.8	13.9	9.2	4.6	0.0
67.5°	44.4	34.7	25.5	16.7	10.2	5.1	0.0
65°	50.4	39.6	29.2	19.4	11.3	5.7	0.0
62.5°	56.3	44.7	32.8	22.0	12.4	6.2	0.0
60°	62.1	49.7	36.2	24.6	13.4	6.7	0.0
57.5°	69.4	54.6	40.2	27.1	15.1	7.2	0.0
55°	76.7	59.5	44.2	29.5	16.7	7.7	0.0
52.5°	83.9	64.4	48.1	31.8	18.3	8.2	0.0
50°	90.8	70.2	51.8	34.1	19.9	8.6	0.0
47.5°	97.7	75.7	55.5	36.4	21.4	9.1	0.0
45°	105.5	81.1	59.1	39.1	22.8	9.5	0.0
42.5°	112.8	86.2	62.6	41.7	24.3	9.9	0.0
40°	119.8	91.1	66.2	44.2	25.6	10.3	0.0
37.5°	126.4	95.8	69.9	46.6	26.9	10.6	0.0
35°	132.5	100.7	73.5	48.8	28.2	11.0	0.0
32.5°	138.4	105.5	76.8	50.9	29.3	11.3	0.0
30°	144.3	110.0	79.9	52.8	30.4	11.6	0.0
27.5°	149.9	114.1	82.6	54.5	31.5	11.9	0.0
25°	155.0	117.8	85.0	56.0	32.5	12.1	0.0
22.5°	159.6	121.1	87.2	57.4	33.4	12.4	0.0
20°	163.9	123.9	89.1	58.6	34.2	12.6	0.0
17.5°	167.6	126.4	90.8	59.6	34.9	12.8	0.0
15°	170.9	128.5	92.3	60.5	35.6	12.9	0.0
12.5°	173.7	130.2	93.5	61.2	36.2	13.1	0.0
10°	176.1	131.6	94.4	61.7	36.7	13.2	0.0
7.5°	177.9	132.7	95.1	62.1	37.1	13.3	0.0
5°	179.2	133.4	95.6	62.3	37.4	13.3	0.0
2.5°	180.0	133.7	95.8	62.4	37.7	13.4	0.0
0°	180.3	133.6	95.7	62.3	37.8	13.4	0.0
-2.5°	180.0	133.7	95.8	62.4	37.7	13.4	0.0
-5°	179.2	133.4	95.6	62.3	37.4	13.3	0.0
-7.5°	177.9	132.7	95.1	62.1	37.1	13.3	0.0
-10°	176.1	131.6	94.4	61.7	36.7	13.2	0.0
-12.5°	173.7	130.2	93.5	61.2	36.2	13.1	0.0
-15°	170.9	128.5	92.3	60.5	35.6	12.9	0.0
-17.5°	167.6	126.4	90.8	59.6	34.9	12.8	0.0
-20°	163.9	123.9	89.1	58.6	34.2	12.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	159.6	121.1	87.2	57.4	33.4	12.4	0.0
-25°	155.0	117.8	85.0	56.0	32.5	12.1	0.0
-27.5°	149.9	114.1	82.6	54.5	31.5	11.9	0.0
-30°	144.3	110.0	79.9	52.8	30.4	11.6	0.0
-32.5°	138.4	105.5	76.8	50.9	29.3	11.3	0.0
-35°	132.5	100.7	73.5	48.8	28.2	11.0	0.0
-37.5°	126.4	95.8	69.9	46.6	26.9	10.6	0.0
-40°	119.8	91.1	66.2	44.2	25.6	10.3	0.0
-42.5°	112.8	86.2	62.6	41.7	24.3	9.9	0.0
-45°	105.5	81.1	59.1	39.1	22.8	9.5	0.0
-47.5°	97.7	75.7	55.5	36.4	21.4	9.1	0.0
-50°	90.8	70.2	51.8	34.1	19.9	8.6	0.0
-52.5°	83.9	64.4	48.1	31.8	18.3	8.2	0.0
-55°	76.7	59.5	44.2	29.5	16.7	7.7	0.0
-57.5°	69.4	54.6	40.2	27.1	15.1	7.2	0.0
-60°	62.1	49.7	36.2	24.6	13.4	6.7	0.0
-62.5°	56.3	44.7	32.8	22.0	12.4	6.2	0.0
-65°	50.4	39.6	29.2	19.4	11.3	5.7	0.0
-67.5°	44.4	34.7	25.5	16.7	10.2	5.1	0.0
-70°	38.4	29.9	21.8	13.9	9.2	4.6	0.0
-72.5°	32.5	25.1	18.0	12.1	8.0	4.0	0.0
-75°	26.4	20.2	14.1	10.4	6.9	3.5	0.0
-77.5°	20.3	15.2	11.5	8.7	5.8	2.9	0.0
-80°	14.1	11.5	9.3	7.0	4.6	2.3	0.0
-82.5°	10.4	8.7	7.0	5.2	3.5	1.7	0.0
-85°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
-87.5°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)