

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: P559044 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-930-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559044 (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-SA5C-930-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (80) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

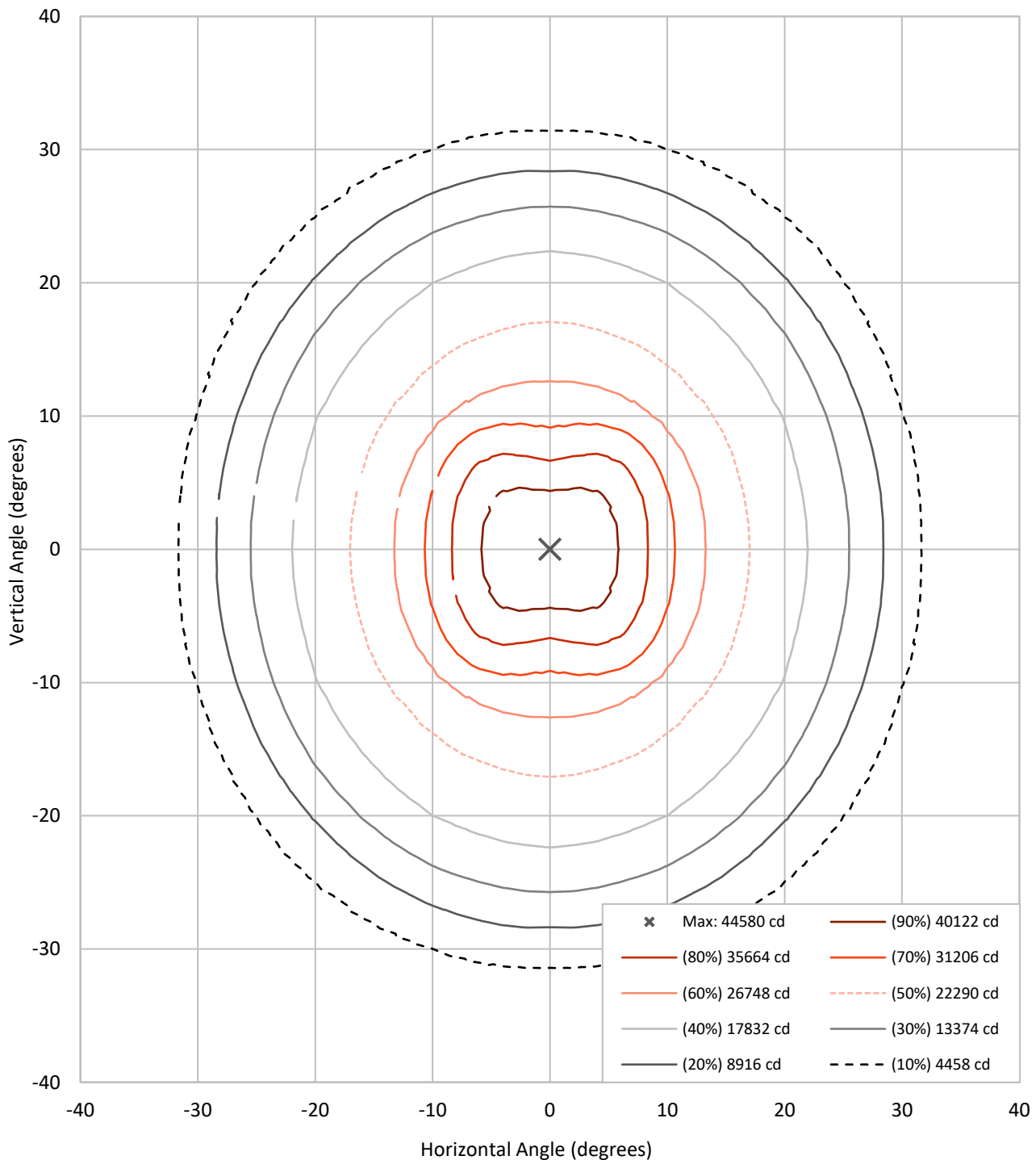
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	19721 lumens	Max Intensity:	44580 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	8399.9 lumens	Field Lumens:	17167.6 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 201
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: P559044 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





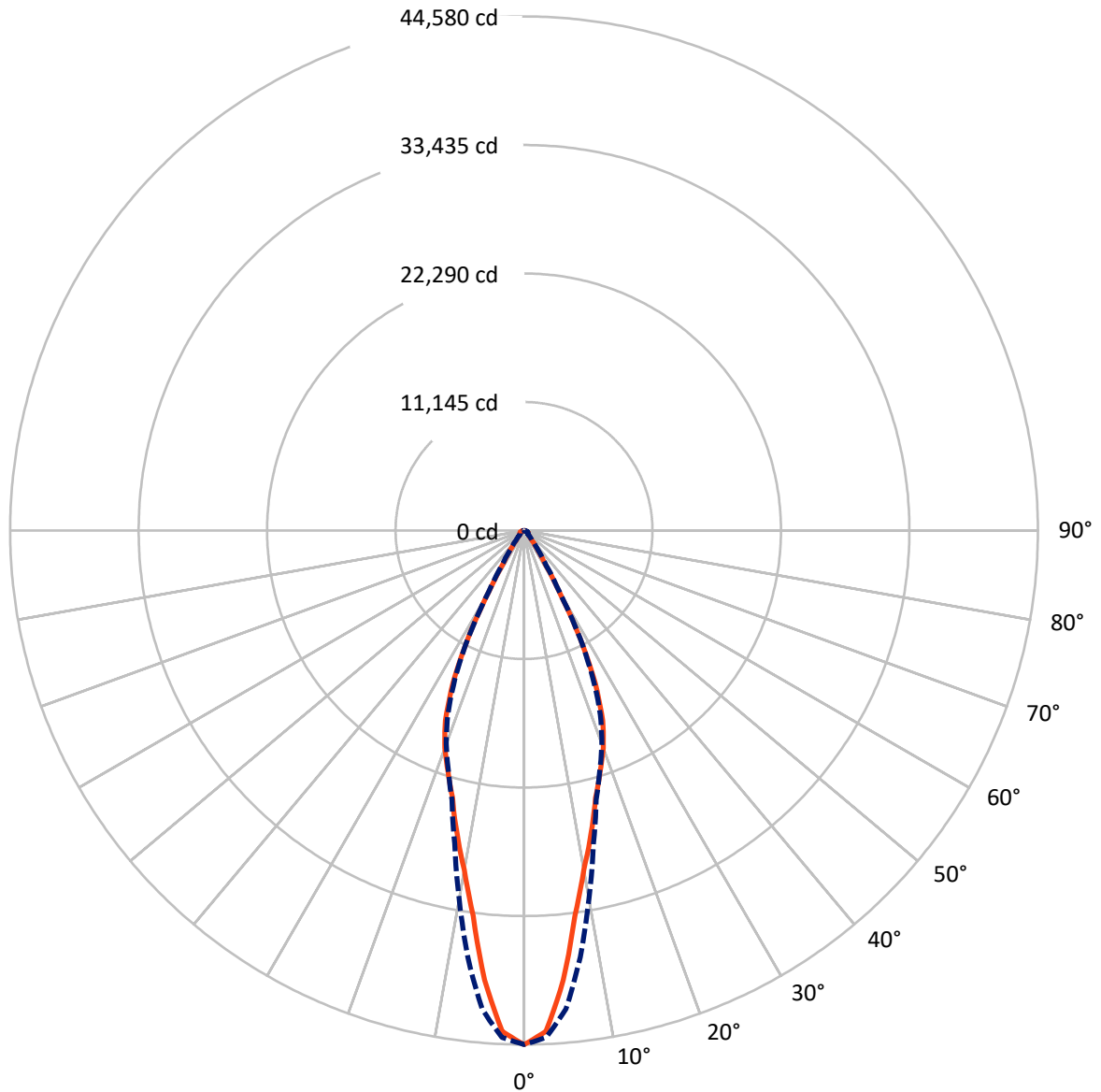
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Lumen Table

90																
80	0.3	2.2		6.1		10.1		11.8		10.1		6.1		2.2		0.3
70																
60	1.0	1.1	2.5	4.3	6.4	8.2	9.6	10.4	10.4	9.6	8.2	6.4	4.3	2.5	1.1	1.0
50		1.8	4.0	7.0	9.5	10.7	11.4	11.7	11.7	11.4	10.7	9.5	7.0	4.0	1.8	
40	1.9	2.6	5.6	8.4	9.8	12.1	15.6	18.0	18.0	15.6	12.1	9.8	8.4	5.6	2.6	1.9
30		3.2	6.5	8.5	12.7	25.1	47.8	73.0	73.0	47.8	25.1	12.7	8.5	6.5	3.2	
20	2.6	3.8	6.7	9.5	23.1	76.7	241.3	397.3	397.3	241.3	76.7	23.1	9.5	6.7	3.8	2.6
10		4.1	6.7	11.7	43.1	227.5	537.5	711.9	711.9	537.5	227.5	43.1	11.7	6.7	4.1	
0	2.8	4.3	6.7	13.4	65.5	358.3	699.0	1103.1	1103.1	699.0	358.3	65.5	13.4	6.7	4.3	2.8
-10		4.3	6.7	13.4	65.5	358.3	699.0	1103.1	1103.1	699.0	358.3	65.5	13.4	6.7	4.3	
-20	2.6	4.1	6.7	11.7	43.1	227.5	537.5	711.9	711.9	537.5	227.5	43.1	11.7	6.7	4.1	2.6
-30		3.8	6.7	9.5	23.1	76.7	241.3	397.3	397.3	241.3	76.7	23.1	9.5	6.7	3.8	
-40	1.9	3.2	6.5	8.5	12.7	25.1	47.8	73.0	73.0	47.8	25.1	12.7	8.5	6.5	3.2	1.9
-50		2.6	5.6	8.4	9.8	12.1	15.6	18.0	18.0	15.6	12.1	9.8	8.4	5.6	2.6	
-60	1.0	1.8	4.0	7.0	9.5	10.7	11.4	11.7	11.7	11.4	10.7	9.5	7.0	4.0	1.8	1.0
-70		1.1	2.5	4.3	6.4	8.2	9.6	10.4	10.4	9.6	8.2	6.4	4.3	2.5	1.1	
-80																
-90	0.3	2.2		6.1		10.1		11.8		10.1		6.1		2.2		0.3

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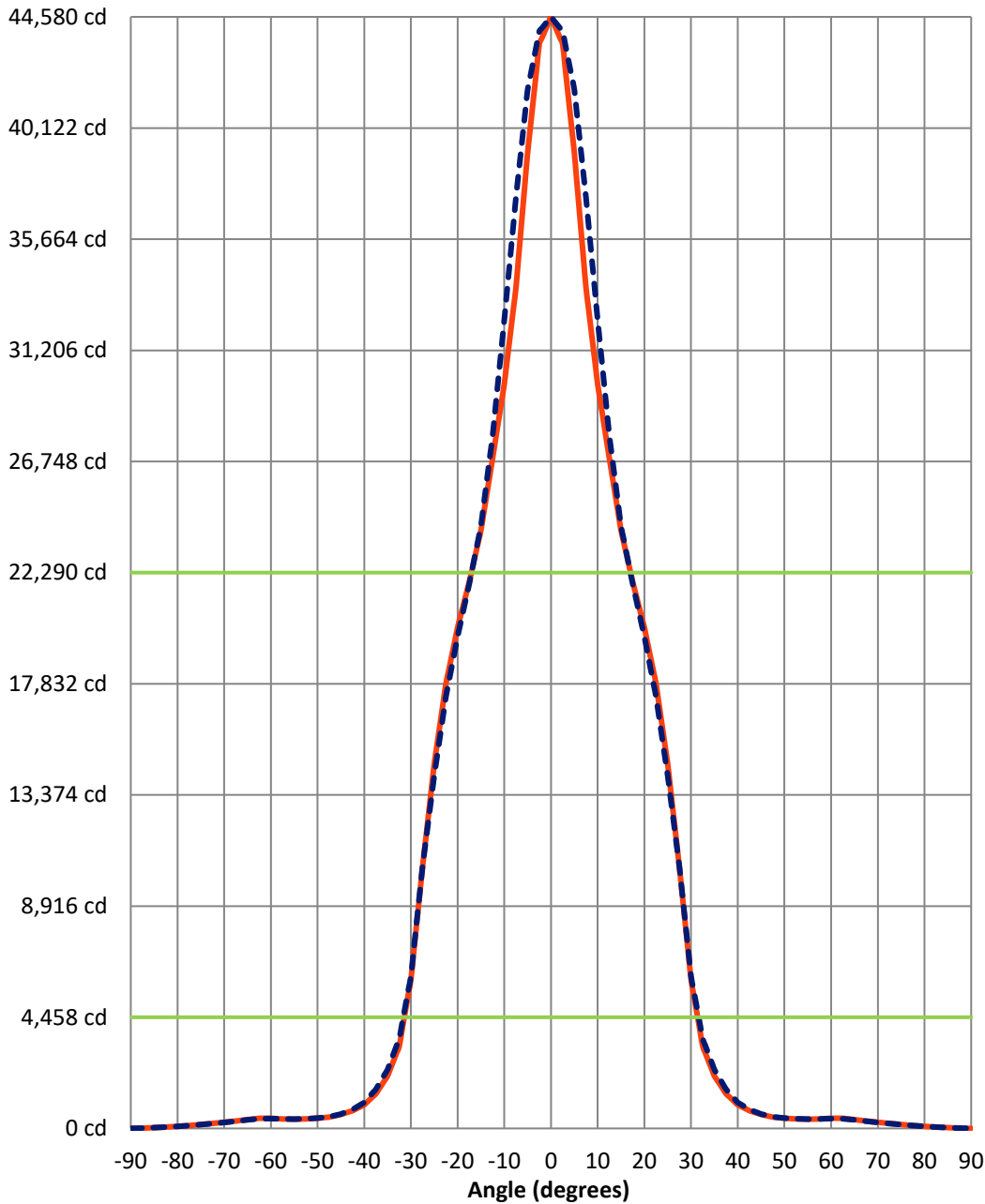
Luminous Intensity Polar Plot



— 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: 8399.9
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 17167.6
 Efficiency: 87.1%

Spill:
 Lumens: 2553.3
 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	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.3	4.8
85°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.8	7.7	8.6	9.5
82.5°	0.0	1.5	2.9	4.4	5.9	7.3	8.8	10.2	11.8	14.1	16.3
80°	0.0	2.0	3.9	5.9	7.8	9.7	11.9	15.3	18.5	21.5	24.3
77.5°	0.0	2.4	4.9	7.3	9.7	12.8	17.2	21.4	25.2	28.9	32.6
75°	0.0	2.9	5.8	8.8	11.9	17.1	22.4	27.4	32.0	36.9	41.9
72.5°	0.0	3.4	6.8	10.2	15.2	21.3	27.5	33.4	39.1	45.1	51.1
70°	0.0	3.9	7.7	11.8	18.5	25.4	32.6	39.4	46.2	53.1	62.1
67.5°	0.0	4.3	8.6	14.1	21.7	29.5	37.7	45.4	53.1	63.4	73.4
65°	0.0	4.8	9.5	16.4	24.8	33.6	42.8	51.2	62.1	73.4	85.4
62.5°	0.0	5.2	10.4	18.7	27.8	37.9	47.8	58.4	70.9	83.9	99.3
60°	0.0	5.6	11.3	20.9	30.8	42.2	52.7	65.9	79.6	96.1	112.9
57.5°	0.0	6.1	12.7	23.0	34.2	46.4	58.9	73.3	89.8	108.1	126.8
55°	0.0	6.5	14.1	25.1	37.6	50.5	65.2	80.6	100.2	119.9	140.6
52.5°	0.0	6.9	15.5	27.1	40.8	54.7	71.3	89.3	110.3	131.7	153.8
50°	0.0	7.3	16.8	29.0	44.0	59.6	77.1	97.8	120.1	142.9	167.7
47.5°	0.0	7.6	18.1	31.0	47.1	64.3	83.0	105.9	129.6	153.7	181.4
45°	0.0	8.0	19.4	33.2	50.2	68.9	89.6	113.6	138.7	165.7	194.8
42.5°	0.0	8.3	20.6	35.4	53.1	73.2	95.9	121.2	147.5	177.5	208.6
40°	0.0	8.7	21.7	37.6	56.2	77.4	101.8	128.5	156.5	188.8	221.9
37.5°	0.0	9.0	22.8	39.6	59.3	81.4	107.4	135.6	166.0	199.7	234.6
35°	0.0	9.3	23.9	41.5	62.4	85.6	112.6	142.3	175.0	210.3	246.8
32.5°	0.0	9.5	24.9	43.2	65.2	89.7	117.6	148.6	183.4	220.3	258.5
30°	0.0	9.8	25.9	44.8	67.8	93.5	122.6	154.8	191.2	229.7	269.4
27.5°	0.0	10.0	26.7	46.3	70.1	96.9	127.3	161.1	198.6	238.4	279.6
25°	0.0	10.2	27.6	47.6	72.2	100.1	131.7	166.9	205.6	246.6	289.0
22.5°	0.0	10.4	28.3	48.7	74.0	102.9	135.6	172.2	212.1	254.2	298.4
20°	0.0	10.6	29.0	49.7	75.7	105.3	139.2	176.8	217.8	261.1	306.8
17.5°	0.0	10.8	29.7	50.6	77.1	107.4	142.4	181.0	223.0	267.1	314.2
15°	0.0	10.9	30.2	51.4	78.4	109.2	145.2	184.6	227.4	272.4	320.5
12.5°	0.0	11.0	30.7	51.9	79.4	110.7	147.6	187.7	231.1	276.8	325.8
10°	0.0	11.1	31.2	52.4	80.2	111.9	149.6	190.2	234.0	280.8	330.6
7.5°	0.0	11.2	31.5	52.7	80.8	112.7	151.2	192.2	236.2	284.2	335.5
5°	0.0	11.3	31.8	52.9	81.2	113.3	152.3	193.7	237.6	286.7	339.4
2.5°	0.0	11.3	32.0	53.0	81.4	113.6	153.0	194.5	238.3	288.5	342.3
0°	0.0	11.3	32.1	52.9	81.3	113.5	153.2	194.8	238.3	289.3	344.2
-2.5°	0.0	11.3	32.0	53.0	81.4	113.6	153.0	194.5	238.3	288.5	342.3
-5°	0.0	11.3	31.8	52.9	81.2	113.3	152.3	193.7	237.6	286.7	339.4
-7.5°	0.0	11.2	31.5	52.7	80.8	112.7	151.2	192.2	236.2	284.2	335.5
-10°	0.0	11.1	31.2	52.4	80.2	111.9	149.6	190.2	234.0	280.8	330.6
-12.5°	0.0	11.0	30.7	51.9	79.4	110.7	147.6	187.7	231.1	276.8	325.8
-15°	0.0	10.9	30.2	51.4	78.4	109.2	145.2	184.6	227.4	272.4	320.5
-17.5°	0.0	10.8	29.7	50.6	77.1	107.4	142.4	181.0	223.0	267.1	314.2
-20°	0.0	10.6	29.0	49.7	75.7	105.3	139.2	176.8	217.8	261.1	306.8



REPORT NUMBER: P559044 (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	10.4	28.3	48.7	74.0	102.9	135.6	172.2	212.1	254.2	298.4
-25°	0.0	10.2	27.6	47.6	72.2	100.1	131.7	166.9	205.6	246.6	289.0
-27.5°	0.0	10.0	26.7	46.3	70.1	96.9	127.3	161.1	198.6	238.4	279.6
-30°	0.0	9.8	25.9	44.8	67.8	93.5	122.6	154.8	191.2	229.7	269.4
-32.5°	0.0	9.5	24.9	43.2	65.2	89.7	117.6	148.6	183.4	220.3	258.5
-35°	0.0	9.3	23.9	41.5	62.4	85.6	112.6	142.3	175.0	210.3	246.8
-37.5°	0.0	9.0	22.8	39.6	59.3	81.4	107.4	135.6	166.0	199.7	234.6
-40°	0.0	8.7	21.7	37.6	56.2	77.4	101.8	128.5	156.5	188.8	221.9
-42.5°	0.0	8.3	20.6	35.4	53.1	73.2	95.9	121.2	147.5	177.5	208.6
-45°	0.0	8.0	19.4	33.2	50.2	68.9	89.6	113.6	138.7	165.7	194.8
-47.5°	0.0	7.6	18.1	31.0	47.1	64.3	83.0	105.9	129.6	153.7	181.4
-50°	0.0	7.3	16.8	29.0	44.0	59.6	77.1	97.8	120.1	142.9	167.7
-52.5°	0.0	6.9	15.5	27.1	40.8	54.7	71.3	89.3	110.3	131.7	153.8
-55°	0.0	6.5	14.1	25.1	37.6	50.5	65.2	80.6	100.2	119.9	140.6
-57.5°	0.0	6.1	12.7	23.0	34.2	46.4	58.9	73.3	89.8	108.1	126.8
-60°	0.0	5.6	11.3	20.9	30.8	42.2	52.7	65.9	79.6	96.1	112.9
-62.5°	0.0	5.2	10.4	18.7	27.8	37.9	47.8	58.4	70.9	83.9	99.3
-65°	0.0	4.8	9.5	16.4	24.8	33.6	42.8	51.2	62.1	73.4	85.4
-67.5°	0.0	4.3	8.6	14.1	21.7	29.5	37.7	45.4	53.1	63.4	73.4
-70°	0.0	3.9	7.7	11.8	18.5	25.4	32.6	39.4	46.2	53.1	62.1
-72.5°	0.0	3.4	6.8	10.2	15.2	21.3	27.5	33.4	39.1	45.1	51.1
-75°	0.0	2.9	5.8	8.8	11.9	17.1	22.4	27.4	32.0	36.9	41.9
-77.5°	0.0	2.4	4.9	7.3	9.7	12.8	17.2	21.4	25.2	28.9	32.6
-80°	0.0	2.0	3.9	5.9	7.8	9.7	11.9	15.3	18.5	21.5	24.3
-82.5°	0.0	1.5	2.9	4.4	5.9	7.3	8.8	10.2	11.8	14.1	16.3
-85°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.8	7.7	8.6	9.5
-87.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.3	4.8
-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°	5.2	5.6	6.1	6.5	6.9	7.3	7.6	8.0	8.3	8.7	9.0
85°	10.4	11.3	12.7	14.1	15.3	16.4	17.5	18.4	19.4	20.4	21.3
82.5°	18.6	20.7	22.9	24.9	26.6	28.0	29.5	31.6	33.9	36.2	38.4
80°	27.3	30.2	33.7	37.3	40.5	43.7	46.9	50.1	53.3	56.6	60.0
77.5°	37.1	41.7	46.3	51.1	55.7	61.0	66.3	71.5	76.2	80.5	84.3
75°	47.4	53.1	60.0	67.1	74.0	80.6	87.3	94.6	101.1	106.9	112.3
72.5°	58.7	67.0	75.4	83.8	93.2	102.2	111.0	119.4	127.2	134.4	141.6
70°	71.3	80.8	92.0	103.3	114.2	124.6	134.7	144.2	153.2	162.7	172.8
67.5°	84.1	97.3	110.2	122.9	135.7	147.5	158.6	170.9	183.0	194.9	206.4
65°	99.4	113.9	128.8	143.4	157.4	171.6	185.8	199.8	214.1	227.7	240.4
62.5°	114.5	131.4	147.9	164.1	180.6	196.8	213.5	229.9	245.8	262.3	278.1
60°	130.6	149.0	167.1	185.4	203.9	223.2	241.8	261.1	280.5	299.2	317.2
57.5°	146.5	166.5	186.3	206.9	228.5	249.9	271.8	293.5	315.8	337.0	355.5
55°	162.1	183.5	205.8	229.5	253.2	277.7	302.2	327.5	351.4	369.3	386.1
52.5°	177.6	200.7	226.2	251.9	278.4	305.9	334.4	358.7	378.7	394.0	397.7
50°	192.9	219.3	246.3	274.5	303.8	334.8	362.1	384.1	395.3	399.7	397.4
47.5°	209.0	237.3	266.4	296.8	329.5	359.2	384.9	396.2	401.6	395.8	388.6
45°	224.9	255.3	286.1	319.5	352.2	380.3	394.7	402.7	395.5	388.6	383.6
42.5°	240.3	272.9	306.5	341.0	371.4	391.2	400.4	395.8	389.6	384.3	386.1
40°	255.5	289.7	326.6	359.0	386.4	396.5	394.9	389.3	385.7	388.1	395.7
37.5°	270.2	307.5	345.1	376.4	391.2	395.3	388.5	384.9	387.6	396.5	413.6
35°	284.1	324.5	360.3	386.5	396.4	389.5	384.6	384.0	394.1	412.3	437.6
32.5°	298.2	340.6	374.5	391.0	392.6	384.9	381.2	389.8	405.8	429.8	472.3
30°	311.9	353.1	385.0	395.0	388.1	382.1	384.2	396.7	418.4	458.2	527.1
27.5°	324.4	364.4	388.4	393.1	384.3	379.3	388.6	407.4	438.9	492.0	590.4
25°	335.8	374.6	391.3	389.5	381.7	381.1	393.9	417.1	460.5	546.4	681.1
22.5°	345.2	384.0	394.1	386.2	379.1	384.2	402.0	434.2	492.3	597.7	775.8
20°	352.9	386.3	393.6	383.0	376.6	386.7	409.2	451.1	535.2	677.9	882.4
17.5°	359.8	388.3	390.9	380.9	378.1	390.6	416.8	466.1	573.3	746.8	984.7
15°	365.9	390.1	388.4	379.0	379.9	396.0	429.1	494.4	619.0	811.8	1076.7
12.5°	371.3	391.7	386.0	377.5	381.3	400.4	439.5	520.2	664.1	882.2	1224.1
10°	375.7	392.9	383.8	376.2	382.2	403.9	448.0	540.6	698.8	942.0	1347.9
7.5°	379.8	394.0	382.0	375.2	382.7	406.4	454.5	555.5	723.5	989.9	1440.4
5°	382.8	394.7	380.9	374.7	384.1	409.3	459.3	565.2	738.5	1024.9	1502.4
2.5°	384.8	395.1	380.3	374.5	386.0	413.1	463.3	573.4	751.9	1042.2	1546.5
0°	385.8	395.2	380.1	374.4	387.7	416.0	465.2	576.8	758.3	1041.9	1573.3
-2.5°	384.8	395.1	380.3	374.5	386.0	413.1	463.3	573.4	751.9	1042.2	1546.5
-5°	382.8	394.7	380.9	374.7	384.1	409.3	459.3	565.2	738.5	1024.9	1502.4
-7.5°	379.8	394.0	382.0	375.2	382.7	406.4	454.5	555.5	723.5	989.9	1440.4
-10°	375.7	392.9	383.8	376.2	382.2	403.9	448.0	540.6	698.8	942.0	1347.9
-12.5°	371.3	391.7	386.0	377.5	381.3	400.4	439.5	520.2	664.1	882.2	1224.1
-15°	365.9	390.1	388.4	379.0	379.9	396.0	429.1	494.4	619.0	811.8	1076.7
-17.5°	359.8	388.3	390.9	380.9	378.1	390.6	416.8	466.1	573.3	746.8	984.7
-20°	352.9	386.3	393.6	383.0	376.6	386.7	409.2	451.1	535.2	677.9	882.4



REPORT NUMBER: P559044 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-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°	345.2	384.0	394.1	386.2	379.1	384.2	402.0	434.2	492.3	597.7	775.8
-25°	335.8	374.6	391.3	389.5	381.7	381.1	393.9	417.1	460.5	546.4	681.1
-27.5°	324.4	364.4	388.4	393.1	384.3	379.3	388.6	407.4	438.9	492.0	590.4
-30°	311.9	353.1	385.0	395.0	388.1	382.1	384.2	396.7	418.4	458.2	527.1
-32.5°	298.2	340.6	374.5	391.0	392.6	384.9	381.2	389.8	405.8	429.8	472.3
-35°	284.1	324.5	360.3	386.5	396.4	389.5	384.6	384.0	394.1	412.3	437.6
-37.5°	270.2	307.5	345.1	376.4	391.2	395.3	388.5	384.9	387.6	396.5	413.6
-40°	255.5	289.7	326.6	359.0	386.4	396.5	394.9	389.3	385.7	388.1	395.7
-42.5°	240.3	272.9	306.5	341.0	371.4	391.2	400.4	395.8	389.6	384.3	386.1
-45°	224.9	255.3	286.1	319.5	352.2	380.3	394.7	402.7	395.5	388.6	383.6
-47.5°	209.0	237.3	266.4	296.8	329.5	359.2	384.9	396.2	401.6	395.8	388.6
-50°	192.9	219.3	246.3	274.5	303.8	334.8	362.1	384.1	395.3	399.7	397.4
-52.5°	177.6	200.7	226.2	251.9	278.4	305.9	334.4	358.7	378.7	394.0	397.7
-55°	162.1	183.5	205.8	229.5	253.2	277.7	302.2	327.5	351.4	369.3	386.1
-57.5°	146.5	166.5	186.3	206.9	228.5	249.9	271.8	293.5	315.8	337.0	355.5
-60°	130.6	149.0	167.1	185.4	203.9	223.2	241.8	261.1	280.5	299.2	317.2
-62.5°	114.5	131.4	147.9	164.1	180.6	196.8	213.5	229.9	245.8	262.3	278.1
-65°	99.4	113.9	128.8	143.4	157.4	171.6	185.8	199.8	214.1	227.7	240.4
-67.5°	84.1	97.3	110.2	122.9	135.7	147.5	158.6	170.9	183.0	194.9	206.4
-70°	71.3	80.8	92.0	103.3	114.2	124.6	134.7	144.2	153.2	162.7	172.8
-72.5°	58.7	67.0	75.4	83.8	93.2	102.2	111.0	119.4	127.2	134.4	141.6
-75°	47.4	53.1	60.0	67.1	74.0	80.6	87.3	94.6	101.1	106.9	112.3
-77.5°	37.1	41.7	46.3	51.1	55.7	61.0	66.3	71.5	76.2	80.5	84.3
-80°	27.3	30.2	33.7	37.3	40.5	43.7	46.9	50.1	53.3	56.6	60.0
-82.5°	18.6	20.7	22.9	24.9	26.6	28.0	29.5	31.6	33.9	36.2	38.4
-85°	10.4	11.3	12.7	14.1	15.3	16.4	17.5	18.4	19.4	20.4	21.3
-87.5°	5.2	5.6	6.1	6.5	6.9	7.3	7.6	8.0	8.3	8.7	9.0
-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: P559044 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-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°	9.3	9.2	9.0	8.8	8.6	8.8	8.9	9.1	9.2	9.7	10.2
85°	22.2	23.2	24.3	25.3	26.4	27.1	27.8	28.4	28.9	29.3	29.7
82.5°	40.4	42.5	44.5	46.3	47.9	49.2	50.3	51.4	52.3	53.0	53.7
80°	63.0	65.8	68.3	70.6	72.5	74.2	75.6	76.8	77.7	79.6	81.4
77.5°	88.3	92.2	95.8	99.1	102.1	105.1	107.9	110.4	112.6	114.3	115.5
75°	117.4	122.4	127.4	132.0	136.2	140.5	144.6	148.5	151.9	154.3	155.9
72.5°	148.9	155.6	161.6	167.4	172.6	177.9	183.1	187.8	191.9	195.1	197.6
70°	182.5	191.1	198.3	204.9	211.4	218.0	224.4	230.0	234.8	238.7	242.0
67.5°	217.3	227.3	236.2	244.8	253.5	261.7	269.4	276.7	283.3	288.4	291.7
65°	252.9	265.7	277.4	288.1	297.8	306.9	316.6	325.6	333.7	340.3	345.4
62.5°	293.2	307.7	320.9	332.9	343.6	352.1	361.3	369.8	377.3	384.3	391.3
60°	334.3	350.5	362.2	372.3	381.5	389.8	393.0	396.1	398.6	400.9	403.7
57.5°	370.2	384.1	394.1	396.4	398.5	400.3	399.1	395.9	392.5	389.2	386.5
55°	395.3	399.2	403.7	400.2	394.7	389.5	385.0	381.8	378.8	376.1	373.9
52.5°	401.9	398.1	393.4	388.3	384.5	380.6	376.6	377.3	378.5	379.4	379.9
50°	392.2	387.7	385.2	382.3	382.8	384.7	386.4	390.1	394.8	398.0	400.9
47.5°	384.6	381.7	385.4	390.2	394.7	402.8	410.0	417.1	428.1	436.8	443.7
45°	382.5	389.7	397.1	408.8	419.2	437.0	453.9	467.9	494.0	517.9	536.7
42.5°	393.3	405.7	419.1	441.9	466.6	498.2	538.8	573.2	613.4	650.8	678.0
40°	411.2	429.3	459.6	496.3	553.9	605.2	672.4	729.9	784.0	841.3	884.4
37.5°	436.8	470.7	527.3	593.4	680.8	764.7	857.4	947.5	1024.2	1140.3	1231.1
35°	475.0	543.5	623.9	734.2	848.4	977.0	1112.6	1287.3	1441.2	1621.6	1791.2
32.5°	544.4	637.2	763.2	912.5	1064.2	1286.2	1495.7	1779.5	2034.5	2352.8	2695.1
30°	625.7	764.1	933.5	1128.4	1403.1	1708.5	2052.8	2488.2	3005.4	3621.4	4447.9
27.5°	737.7	915.4	1128.5	1444.5	1834.2	2243.4	2853.9	3585.7	4919.3	6081.5	7621.7
25°	858.2	1075.4	1412.4	1837.0	2349.7	3086.7	4280.3	5803.0	7959.8	10022.1	11670.8
22.5°	997.3	1314.6	1739.8	2268.3	3098.2	4525.1	6378.3	9059.9	11464.9	13544.9	15146.8
20°	1151.2	1549.2	2120.7	2928.3	4341.6	6431.4	9406.4	12158.4	14614.8	16405.5	17820.8
17.5°	1350.5	1870.4	2595.6	3709.9	5879.2	9099.3	12166.3	14886.5	17023.9	18597.1	19851.8
15°	1536.7	2166.2	3105.9	5007.3	7968.0	11409.7	14553.3	16980.0	18829.6	20293.5	21421.6
12.5°	1756.4	2498.4	3702.5	6128.0	9888.7	13315.7	16248.2	18514.2	20295.3	21667.5	23179.4
10°	1952.0	2855.7	4557.3	7621.5	11466.1	14813.7	17661.5	19697.8	21483.8	23272.1	25539.2
7.5°	2113.6	3155.7	5258.3	8881.7	12677.1	15921.8	18516.1	20550.8	22519.3	24907.6	28177.6
5°	2241.9	3381.9	5835.0	9833.0	13557.4	16712.6	19168.9	21231.3	23454.6	26649.5	31037.9
2.5°	2327.7	3530.1	6195.6	10407.8	14112.9	17166.2	19652.7	21676.4	24007.5	27624.9	32209.6
0°	2361.8	3598.5	6104.1	10512.0	14146.5	17313.9	19724.9	21842.8	24164.9	27788.0	32424.7
-2.5°	2327.7	3530.1	6195.6	10407.8	14112.9	17166.2	19652.7	21676.4	24007.5	27624.9	32209.6
-5°	2241.9	3381.9	5835.0	9833.0	13557.4	16712.6	19168.9	21231.3	23454.6	26649.5	31037.9
-7.5°	2113.6	3155.7	5258.3	8881.7	12677.1	15921.8	18516.1	20550.8	22519.3	24907.6	28177.6
-10°	1952.0	2855.7	4557.3	7621.5	11466.1	14813.7	17661.5	19697.8	21483.8	23272.1	25539.2
-12.5°	1756.4	2498.4	3702.5	6128.0	9888.7	13315.7	16248.2	18514.2	20295.3	21667.5	23179.4
-15°	1536.7	2166.2	3105.9	5007.3	7968.0	11409.7	14553.3	16980.0	18829.6	20293.5	21421.6
-17.5°	1350.5	1870.4	2595.6	3709.9	5879.2	9099.3	12166.3	14886.5	17023.9	18597.1	19851.8
-20°	1151.2	1549.2	2120.7	2928.3	4341.6	6431.4	9406.4	12158.4	14614.8	16405.5	17820.8



REPORT NUMBER: P559044 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	997.3	1314.6	1739.8	2268.3	3098.2	4525.1	6378.3	9059.9	11464.9	13544.9	15146.8
-25°	858.2	1075.4	1412.4	1837.0	2349.7	3086.7	4280.3	5803.0	7959.8	10022.1	11670.8
-27.5°	737.7	915.4	1128.5	1444.5	1834.2	2243.4	2853.9	3585.7	4919.3	6081.5	7621.7
-30°	625.7	764.1	933.5	1128.4	1403.1	1708.5	2052.8	2488.2	3005.4	3621.4	4447.9
-32.5°	544.4	637.2	763.2	912.5	1064.2	1286.2	1495.7	1779.5	2034.5	2352.8	2695.1
-35°	475.0	543.5	623.9	734.2	848.4	977.0	1112.6	1287.3	1441.2	1621.6	1791.2
-37.5°	436.8	470.7	527.3	593.4	680.8	764.7	857.4	947.5	1024.2	1140.3	1231.1
-40°	411.2	429.3	459.6	496.3	553.9	605.2	672.4	729.9	784.0	841.3	884.4
-42.5°	393.3	405.7	419.1	441.9	466.6	498.2	538.8	573.2	613.4	650.8	678.0
-45°	382.5	389.7	397.1	408.8	419.2	437.0	453.9	467.9	494.0	517.9	536.7
-47.5°	384.6	381.7	385.4	390.2	394.7	402.8	410.0	417.1	428.1	436.8	443.7
-50°	392.2	387.7	385.2	382.3	382.8	384.7	386.4	390.1	394.8	398.0	400.9
-52.5°	401.9	398.1	393.4	388.3	384.5	380.6	376.6	377.3	378.5	379.4	379.9
-55°	395.3	399.2	403.7	400.2	394.7	389.5	385.0	381.8	378.8	376.1	373.9
-57.5°	370.2	384.1	394.1	396.4	398.5	400.3	399.1	395.9	392.5	389.2	386.5
-60°	334.3	350.5	362.2	372.3	381.5	389.8	393.0	396.1	398.6	400.9	403.7
-62.5°	293.2	307.7	320.9	332.9	343.6	352.1	361.3	369.8	377.3	384.3	391.3
-65°	252.9	265.7	277.4	288.1	297.8	306.9	316.6	325.6	333.7	340.3	345.4
-67.5°	217.3	227.3	236.2	244.8	253.5	261.7	269.4	276.7	283.3	288.4	291.7
-70°	182.5	191.1	198.3	204.9	211.4	218.0	224.4	230.0	234.8	238.7	242.0
-72.5°	148.9	155.6	161.6	167.4	172.6	177.9	183.1	187.8	191.9	195.1	197.6
-75°	117.4	122.4	127.4	132.0	136.2	140.5	144.6	148.5	151.9	154.3	155.9
-77.5°	88.3	92.2	95.8	99.1	102.1	105.1	107.9	110.4	112.6	114.3	115.5
-80°	63.0	65.8	68.3	70.6	72.5	74.2	75.6	76.8	77.7	79.6	81.4
-82.5°	40.4	42.5	44.5	46.3	47.9	49.2	50.3	51.4	52.3	53.0	53.7
-85°	22.2	23.2	24.3	25.3	26.4	27.1	27.8	28.4	28.9	29.3	29.7
-87.5°	9.3	9.2	9.0	8.8	8.6	8.8	8.9	9.1	9.2	9.7	10.2
-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: P559044 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-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°	10.8	11.3	11.3	11.3	11.3	11.3	10.8	10.2	9.7	9.2	9.1
85°	30.0	30.2	31.2	32.1	31.2	30.2	30.0	29.7	29.3	28.9	28.4
82.5°	54.2	54.5	54.7	54.8	54.7	54.5	54.2	53.7	53.0	52.3	51.4
80°	83.1	84.6	84.1	83.2	84.1	84.6	83.1	81.4	79.6	77.7	76.8
77.5°	116.2	116.6	116.2	115.4	116.2	116.6	116.2	115.5	114.3	112.6	110.4
75°	157.1	157.9	158.6	158.8	158.6	157.9	157.1	155.9	154.3	151.9	148.5
72.5°	199.6	201.1	201.1	200.4	201.1	201.1	199.6	197.6	195.1	191.9	187.8
70°	244.5	246.3	247.3	247.7	247.3	246.3	244.5	242.0	238.7	234.8	230.0
67.5°	294.0	295.3	296.5	296.9	296.5	295.3	294.0	291.7	288.4	283.3	276.7
65°	349.7	353.0	354.1	353.6	354.1	353.0	349.7	345.4	340.3	333.7	325.6
62.5°	397.8	403.6	406.0	406.6	406.0	403.6	397.8	391.3	384.3	377.3	369.8
60°	406.0	407.9	408.5	408.5	408.5	407.9	406.0	403.7	400.9	398.6	396.1
57.5°	384.0	381.8	380.5	380.1	380.5	381.8	384.0	386.5	389.2	392.5	395.9
55°	371.7	369.8	368.9	368.7	368.9	369.8	371.7	373.9	376.1	378.8	381.8
52.5°	380.1	379.8	380.6	382.0	380.6	379.8	380.1	379.9	379.4	378.5	377.3
50°	403.3	405.0	406.8	408.5	406.8	405.0	403.3	400.9	398.0	394.8	390.1
47.5°	448.7	451.3	452.9	453.8	452.9	451.3	448.7	443.7	436.8	428.1	417.1
45°	549.0	555.5	558.7	559.7	558.7	555.5	549.0	536.7	517.9	494.0	467.9
42.5°	696.0	705.9	710.2	711.0	710.2	705.9	696.0	678.0	650.8	613.4	573.2
40°	915.3	932.8	941.3	947.4	941.3	932.8	915.3	884.4	841.3	784.0	729.9
37.5°	1299.1	1343.2	1368.2	1389.9	1368.2	1343.2	1299.1	1231.1	1140.3	1024.2	947.5
35°	1929.2	2030.3	2089.8	2102.8	2089.8	2030.3	1929.2	1791.2	1621.6	1441.2	1287.3
32.5°	2958.6	3156.9	3275.5	3290.3	3275.5	3156.9	2958.6	2695.1	2352.8	2034.5	1779.5
30°	5089.6	5645.2	6026.0	5973.6	6026.0	5645.2	5089.6	4447.9	3621.4	3005.4	2488.2
27.5°	8883.5	9891.1	10545.7	10491.2	10545.7	9891.1	8883.5	7621.7	6081.5	4919.3	3585.7
25°	12938.4	13865.8	14413.3	14615.4	14413.3	13865.8	12938.4	11670.8	10022.1	7959.8	5803.0
22.5°	16249.6	17078.7	17552.3	17835.8	17552.3	17078.7	16249.6	15146.8	13544.9	11464.9	9059.9
20°	18786.6	19505.7	19913.0	20087.9	19913.0	19505.7	18786.6	17820.8	16405.5	14614.8	12158.4
17.5°	20738.4	21340.4	21801.6	21920.3	21801.6	21340.4	20738.4	19851.8	18597.1	17023.9	14886.5
15°	22464.8	23242.4	23786.2	23989.0	23786.2	23242.4	22464.8	21421.6	20293.5	18829.6	16980.0
12.5°	24641.8	25994.0	26712.7	26878.5	26712.7	25994.0	24641.8	23179.4	21667.5	20295.3	18514.2
10°	27859.6	29938.0	30173.5	29851.1	30173.5	29938.0	27859.6	25539.2	23272.1	21483.8	19697.8
7.5°	32546.0	35317.2	34718.1	33720.0	34718.1	35317.2	32546.0	28177.6	24907.6	22519.3	20550.8
5°	35899.7	39747.2	39866.7	39133.9	39866.7	39747.2	35899.7	31037.9	26649.5	23454.6	21231.3
2.5°	37234.7	41195.4	43166.8	43489.8	43166.8	41195.4	37234.7	32209.6	27624.9	24007.5	21676.4
0°	37334.7	41662.2	43999.4	44580.0	43999.4	41662.2	37334.7	32424.7	27788.0	24164.9	21842.8
-2.5°	37234.7	41195.4	43166.8	43489.8	43166.8	41195.4	37234.7	32209.6	27624.9	24007.5	21676.4
-5°	35899.7	39747.2	39866.7	39133.9	39866.7	39747.2	35899.7	31037.9	26649.5	23454.6	21231.3
-7.5°	32546.0	35317.2	34718.1	33720.0	34718.1	35317.2	32546.0	28177.6	24907.6	22519.3	20550.8
-10°	27859.6	29938.0	30173.5	29851.1	30173.5	29938.0	27859.6	25539.2	23272.1	21483.8	19697.8
-12.5°	24641.8	25994.0	26712.7	26878.5	26712.7	25994.0	24641.8	23179.4	21667.5	20295.3	18514.2
-15°	22464.8	23242.4	23786.2	23989.0	23786.2	23242.4	22464.8	21421.6	20293.5	18829.6	16980.0
-17.5°	20738.4	21340.4	21801.6	21920.3	21801.6	21340.4	20738.4	19851.8	18597.1	17023.9	14886.5
-20°	18786.6	19505.7	19913.0	20087.9	19913.0	19505.7	18786.6	17820.8	16405.5	14614.8	12158.4



REPORT NUMBER: P559044 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16249.6	17078.7	17552.3	17835.8	17552.3	17078.7	16249.6	15146.8	13544.9	11464.9	9059.9
-25°	12938.4	13865.8	14413.3	14615.4	14413.3	13865.8	12938.4	11670.8	10022.1	7959.8	5803.0
-27.5°	8883.5	9891.1	10545.7	10491.2	10545.7	9891.1	8883.5	7621.7	6081.5	4919.3	3585.7
-30°	5089.6	5645.2	6026.0	5973.6	6026.0	5645.2	5089.6	4447.9	3621.4	3005.4	2488.2
-32.5°	2958.6	3156.9	3275.5	3290.3	3275.5	3156.9	2958.6	2695.1	2352.8	2034.5	1779.5
-35°	1929.2	2030.3	2089.8	2102.8	2089.8	2030.3	1929.2	1791.2	1621.6	1441.2	1287.3
-37.5°	1299.1	1343.2	1368.2	1389.9	1368.2	1343.2	1299.1	1231.1	1140.3	1024.2	947.5
-40°	915.3	932.8	941.3	947.4	941.3	932.8	915.3	884.4	841.3	784.0	729.9
-42.5°	696.0	705.9	710.2	711.0	710.2	705.9	696.0	678.0	650.8	613.4	573.2
-45°	549.0	555.5	558.7	559.7	558.7	555.5	549.0	536.7	517.9	494.0	467.9
-47.5°	448.7	451.3	452.9	453.8	452.9	451.3	448.7	443.7	436.8	428.1	417.1
-50°	403.3	405.0	406.8	408.5	406.8	405.0	403.3	400.9	398.0	394.8	390.1
-52.5°	380.1	379.8	380.6	382.0	380.6	379.8	380.1	379.9	379.4	378.5	377.3
-55°	371.7	369.8	368.9	368.7	368.9	369.8	371.7	373.9	376.1	378.8	381.8
-57.5°	384.0	381.8	380.5	380.1	380.5	381.8	384.0	386.5	389.2	392.5	395.9
-60°	406.0	407.9	408.5	408.5	408.5	407.9	406.0	403.7	400.9	398.6	396.1
-62.5°	397.8	403.6	406.0	406.6	406.0	403.6	397.8	391.3	384.3	377.3	369.8
-65°	349.7	353.0	354.1	353.6	354.1	353.0	349.7	345.4	340.3	333.7	325.6
-67.5°	294.0	295.3	296.5	296.9	296.5	295.3	294.0	291.7	288.4	283.3	276.7
-70°	244.5	246.3	247.3	247.7	247.3	246.3	244.5	242.0	238.7	234.8	230.0
-72.5°	199.6	201.1	201.1	200.4	201.1	201.1	199.6	197.6	195.1	191.9	187.8
-75°	157.1	157.9	158.6	158.8	158.6	157.9	157.1	155.9	154.3	151.9	148.5
-77.5°	116.2	116.6	116.2	115.4	116.2	116.6	116.2	115.5	114.3	112.6	110.4
-80°	83.1	84.6	84.1	83.2	84.1	84.6	83.1	81.4	79.6	77.7	76.8
-82.5°	54.2	54.5	54.7	54.8	54.7	54.5	54.2	53.7	53.0	52.3	51.4
-85°	30.0	30.2	31.2	32.1	31.2	30.2	30.0	29.7	29.3	28.9	28.4
-87.5°	10.8	11.3	11.3	11.3	11.3	11.3	10.8	10.2	9.7	9.2	9.1
-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: P559044 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	8.9	8.8	8.6	8.8	9.0	9.2	9.3	9.0	8.7	8.3	8.0
85°	27.8	27.1	26.4	25.3	24.3	23.2	22.2	21.3	20.4	19.4	18.4
82.5°	50.3	49.2	47.9	46.3	44.5	42.5	40.4	38.4	36.2	33.9	31.6
80°	75.6	74.2	72.5	70.6	68.3	65.8	63.0	60.0	56.6	53.3	50.1
77.5°	107.9	105.1	102.1	99.1	95.8	92.2	88.3	84.3	80.5	76.2	71.5
75°	144.6	140.5	136.2	132.0	127.4	122.4	117.4	112.3	106.9	101.1	94.6
72.5°	183.1	177.9	172.6	167.4	161.6	155.6	148.9	141.6	134.4	127.2	119.4
70°	224.4	218.0	211.4	204.9	198.3	191.1	182.5	172.8	162.7	153.2	144.2
67.5°	269.4	261.7	253.5	244.8	236.2	227.3	217.3	206.4	194.9	183.0	170.9
65°	316.6	306.9	297.8	288.1	277.4	265.7	252.9	240.4	227.7	214.1	199.8
62.5°	361.3	352.1	343.6	332.9	320.9	307.7	293.2	278.1	262.3	245.8	229.9
60°	393.0	389.8	381.5	372.3	362.2	350.5	334.3	317.2	299.2	280.5	261.1
57.5°	399.1	400.3	398.5	396.4	394.1	384.1	370.2	355.5	337.0	315.8	293.5
55°	385.0	389.5	394.7	400.2	403.7	399.2	395.3	386.1	369.3	351.4	327.5
52.5°	376.6	380.6	384.5	388.3	393.4	398.1	401.9	397.7	394.0	378.7	358.7
50°	386.4	384.7	382.8	382.3	385.2	387.7	392.2	397.4	399.7	395.3	384.1
47.5°	410.0	402.8	394.7	390.2	385.4	381.7	384.6	388.6	395.8	401.6	396.2
45°	453.9	437.0	419.2	408.8	397.1	389.7	382.5	383.6	388.6	395.5	402.7
42.5°	538.8	498.2	466.6	441.9	419.1	405.7	393.3	386.1	384.3	389.6	395.8
40°	672.4	605.2	553.9	496.3	459.6	429.3	411.2	395.7	388.1	385.7	389.3
37.5°	857.4	764.7	680.8	593.4	527.3	470.7	436.8	413.6	396.5	387.6	384.9
35°	1112.6	977.0	848.4	734.2	623.9	543.5	475.0	437.6	412.3	394.1	384.0
32.5°	1495.7	1286.2	1064.2	912.5	763.2	637.2	544.4	472.3	429.8	405.8	389.8
30°	2052.8	1708.5	1403.1	1128.4	933.5	764.1	625.7	527.1	458.2	418.4	396.7
27.5°	2853.9	2243.4	1834.2	1444.5	1128.5	915.4	737.7	590.4	492.0	438.9	407.4
25°	4280.3	3086.7	2349.7	1837.0	1412.4	1075.4	858.2	681.1	546.4	460.5	417.1
22.5°	6378.3	4525.1	3098.2	2268.3	1739.8	1314.6	997.3	775.8	597.7	492.3	434.2
20°	9406.4	6431.4	4341.6	2928.3	2120.7	1549.2	1151.2	882.4	677.9	535.2	451.1
17.5°	12166.3	9099.3	5879.2	3709.9	2595.6	1870.4	1350.5	984.7	746.8	573.3	466.1
15°	14553.3	11409.7	7968.0	5007.3	3105.9	2166.2	1536.7	1076.7	811.8	619.0	494.4
12.5°	16248.2	13315.7	9888.7	6128.0	3702.5	2498.4	1756.4	1224.1	882.2	664.1	520.2
10°	17661.5	14813.7	11466.1	7621.5	4557.3	2855.7	1952.0	1347.9	942.0	698.8	540.6
7.5°	18516.1	15921.8	12677.1	8881.7	5258.3	3155.7	2113.6	1440.4	989.9	723.5	555.5
5°	19168.9	16712.6	13557.4	9833.0	5835.0	3381.9	2241.9	1502.4	1024.9	738.5	565.2
2.5°	19652.7	17166.2	14112.9	10407.8	6195.6	3530.1	2327.7	1546.5	1042.2	751.9	573.4
0°	19724.9	17313.9	14146.5	10512.0	6104.1	3598.5	2361.8	1573.3	1041.9	758.3	576.8
-2.5°	19652.7	17166.2	14112.9	10407.8	6195.6	3530.1	2327.7	1546.5	1042.2	751.9	573.4
-5°	19168.9	16712.6	13557.4	9833.0	5835.0	3381.9	2241.9	1502.4	1024.9	738.5	565.2
-7.5°	18516.1	15921.8	12677.1	8881.7	5258.3	3155.7	2113.6	1440.4	989.9	723.5	555.5
-10°	17661.5	14813.7	11466.1	7621.5	4557.3	2855.7	1952.0	1347.9	942.0	698.8	540.6
-12.5°	16248.2	13315.7	9888.7	6128.0	3702.5	2498.4	1756.4	1224.1	882.2	664.1	520.2
-15°	14553.3	11409.7	7968.0	5007.3	3105.9	2166.2	1536.7	1076.7	811.8	619.0	494.4
-17.5°	12166.3	9099.3	5879.2	3709.9	2595.6	1870.4	1350.5	984.7	746.8	573.3	466.1
-20°	9406.4	6431.4	4341.6	2928.3	2120.7	1549.2	1151.2	882.4	677.9	535.2	451.1



REPORT NUMBER: P559044 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	6378.3	4525.1	3098.2	2268.3	1739.8	1314.6	997.3	775.8	597.7	492.3	434.2
-25°	4280.3	3086.7	2349.7	1837.0	1412.4	1075.4	858.2	681.1	546.4	460.5	417.1
-27.5°	2853.9	2243.4	1834.2	1444.5	1128.5	915.4	737.7	590.4	492.0	438.9	407.4
-30°	2052.8	1708.5	1403.1	1128.4	933.5	764.1	625.7	527.1	458.2	418.4	396.7
-32.5°	1495.7	1286.2	1064.2	912.5	763.2	637.2	544.4	472.3	429.8	405.8	389.8
-35°	1112.6	977.0	848.4	734.2	623.9	543.5	475.0	437.6	412.3	394.1	384.0
-37.5°	857.4	764.7	680.8	593.4	527.3	470.7	436.8	413.6	396.5	387.6	384.9
-40°	672.4	605.2	553.9	496.3	459.6	429.3	411.2	395.7	388.1	385.7	389.3
-42.5°	538.8	498.2	466.6	441.9	419.1	405.7	393.3	386.1	384.3	389.6	395.8
-45°	453.9	437.0	419.2	408.8	397.1	389.7	382.5	383.6	388.6	395.5	402.7
-47.5°	410.0	402.8	394.7	390.2	385.4	381.7	384.6	388.6	395.8	401.6	396.2
-50°	386.4	384.7	382.8	382.3	385.2	387.7	392.2	397.4	399.7	395.3	384.1
-52.5°	376.6	380.6	384.5	388.3	393.4	398.1	401.9	397.7	394.0	378.7	358.7
-55°	385.0	389.5	394.7	400.2	403.7	399.2	395.3	386.1	369.3	351.4	327.5
-57.5°	399.1	400.3	398.5	396.4	394.1	384.1	370.2	355.5	337.0	315.8	293.5
-60°	393.0	389.8	381.5	372.3	362.2	350.5	334.3	317.2	299.2	280.5	261.1
-62.5°	361.3	352.1	343.6	332.9	320.9	307.7	293.2	278.1	262.3	245.8	229.9
-65°	316.6	306.9	297.8	288.1	277.4	265.7	252.9	240.4	227.7	214.1	199.8
-67.5°	269.4	261.7	253.5	244.8	236.2	227.3	217.3	206.4	194.9	183.0	170.9
-70°	224.4	218.0	211.4	204.9	198.3	191.1	182.5	172.8	162.7	153.2	144.2
-72.5°	183.1	177.9	172.6	167.4	161.6	155.6	148.9	141.6	134.4	127.2	119.4
-75°	144.6	140.5	136.2	132.0	127.4	122.4	117.4	112.3	106.9	101.1	94.6
-77.5°	107.9	105.1	102.1	99.1	95.8	92.2	88.3	84.3	80.5	76.2	71.5
-80°	75.6	74.2	72.5	70.6	68.3	65.8	63.0	60.0	56.6	53.3	50.1
-82.5°	50.3	49.2	47.9	46.3	44.5	42.5	40.4	38.4	36.2	33.9	31.6
-85°	27.8	27.1	26.4	25.3	24.3	23.2	22.2	21.3	20.4	19.4	18.4
-87.5°	8.9	8.8	8.6	8.8	9.0	9.2	9.3	9.0	8.7	8.3	8.0
-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: P559044 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.6	7.3	6.9	6.5	6.1	5.6	5.2	4.8	4.3	3.9	3.4
85°	17.5	16.4	15.3	14.1	12.7	11.3	10.4	9.5	8.6	7.7	6.8
82.5°	29.5	28.0	26.6	24.9	22.9	20.7	18.6	16.3	14.1	11.8	10.2
80°	46.9	43.7	40.5	37.3	33.7	30.2	27.3	24.3	21.5	18.5	15.3
77.5°	66.3	61.0	55.7	51.1	46.3	41.7	37.1	32.6	28.9	25.2	21.4
75°	87.3	80.6	74.0	67.1	60.0	53.1	47.4	41.9	36.9	32.0	27.4
72.5°	111.0	102.2	93.2	83.8	75.4	67.0	58.7	51.1	45.1	39.1	33.4
70°	134.7	124.6	114.2	103.3	92.0	80.8	71.3	62.1	53.1	46.2	39.4
67.5°	158.6	147.5	135.7	122.9	110.2	97.3	84.1	73.4	63.4	53.1	45.4
65°	185.8	171.6	157.4	143.4	128.8	113.9	99.4	85.4	73.4	62.1	51.2
62.5°	213.5	196.8	180.6	164.1	147.9	131.4	114.5	99.3	83.9	70.9	58.4
60°	241.8	223.2	203.9	185.4	167.1	149.0	130.6	112.9	96.1	79.6	65.9
57.5°	271.8	249.9	228.5	206.9	186.3	166.5	146.5	126.8	108.1	89.8	73.3
55°	302.2	277.7	253.2	229.5	205.8	183.5	162.1	140.6	119.9	100.2	80.6
52.5°	334.4	305.9	278.4	251.9	226.2	200.7	177.6	153.8	131.7	110.3	89.3
50°	362.1	334.8	303.8	274.5	246.3	219.3	192.9	167.7	142.9	120.1	97.8
47.5°	384.9	359.2	329.5	296.8	266.4	237.3	209.0	181.4	153.7	129.6	105.9
45°	394.7	380.3	352.2	319.5	286.1	255.3	224.9	194.8	165.7	138.7	113.6
42.5°	400.4	391.2	371.4	341.0	306.5	272.9	240.3	208.6	177.5	147.5	121.2
40°	394.9	396.5	386.4	359.0	326.6	289.7	255.5	221.9	188.8	156.5	128.5
37.5°	388.5	395.3	391.2	376.4	345.1	307.5	270.2	234.6	199.7	166.0	135.6
35°	384.6	389.5	396.4	386.5	360.3	324.5	284.1	246.8	210.3	175.0	142.3
32.5°	381.2	384.9	392.6	391.0	374.5	340.6	298.2	258.5	220.3	183.4	148.6
30°	384.2	382.1	388.1	395.0	385.0	353.1	311.9	269.4	229.7	191.2	154.8
27.5°	388.6	379.3	384.3	393.1	388.4	364.4	324.4	279.6	238.4	198.6	161.1
25°	393.9	381.1	381.7	389.5	391.3	374.6	335.8	289.0	246.6	205.6	166.9
22.5°	402.0	384.2	379.1	386.2	394.1	384.0	345.2	298.4	254.2	212.1	172.2
20°	409.2	386.7	376.6	383.0	393.6	386.3	352.9	306.8	261.1	217.8	176.8
17.5°	416.8	390.6	378.1	380.9	390.9	388.3	359.8	314.2	267.1	223.0	181.0
15°	429.1	396.0	379.9	379.0	388.4	390.1	365.9	320.5	272.4	227.4	184.6
12.5°	439.5	400.4	381.3	377.5	386.0	391.7	371.3	325.8	276.8	231.1	187.7
10°	448.0	403.9	382.2	376.2	383.8	392.9	375.7	330.6	280.8	234.0	190.2
7.5°	454.5	406.4	382.7	375.2	382.0	394.0	379.8	335.5	284.2	236.2	192.2
5°	459.3	409.3	384.1	374.7	380.9	394.7	382.8	339.4	286.7	237.6	193.7
2.5°	463.3	413.1	386.0	374.5	380.3	395.1	384.8	342.3	288.5	238.3	194.5
0°	465.2	416.0	387.7	374.4	380.1	395.2	385.8	344.2	289.3	238.3	194.8
-2.5°	463.3	413.1	386.0	374.5	380.3	395.1	384.8	342.3	288.5	238.3	194.5
-5°	459.3	409.3	384.1	374.7	380.9	394.7	382.8	339.4	286.7	237.6	193.7
-7.5°	454.5	406.4	382.7	375.2	382.0	394.0	379.8	335.5	284.2	236.2	192.2
-10°	448.0	403.9	382.2	376.2	383.8	392.9	375.7	330.6	280.8	234.0	190.2
-12.5°	439.5	400.4	381.3	377.5	386.0	391.7	371.3	325.8	276.8	231.1	187.7
-15°	429.1	396.0	379.9	379.0	388.4	390.1	365.9	320.5	272.4	227.4	184.6
-17.5°	416.8	390.6	378.1	380.9	390.9	388.3	359.8	314.2	267.1	223.0	181.0
-20°	409.2	386.7	376.6	383.0	393.6	386.3	352.9	306.8	261.1	217.8	176.8



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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°	402.0	384.2	379.1	386.2	394.1	384.0	345.2	298.4	254.2	212.1	172.2
-25°	393.9	381.1	381.7	389.5	391.3	374.6	335.8	289.0	246.6	205.6	166.9
-27.5°	388.6	379.3	384.3	393.1	388.4	364.4	324.4	279.6	238.4	198.6	161.1
-30°	384.2	382.1	388.1	395.0	385.0	353.1	311.9	269.4	229.7	191.2	154.8
-32.5°	381.2	384.9	392.6	391.0	374.5	340.6	298.2	258.5	220.3	183.4	148.6
-35°	384.6	389.5	396.4	386.5	360.3	324.5	284.1	246.8	210.3	175.0	142.3
-37.5°	388.5	395.3	391.2	376.4	345.1	307.5	270.2	234.6	199.7	166.0	135.6
-40°	394.9	396.5	386.4	359.0	326.6	289.7	255.5	221.9	188.8	156.5	128.5
-42.5°	400.4	391.2	371.4	341.0	306.5	272.9	240.3	208.6	177.5	147.5	121.2
-45°	394.7	380.3	352.2	319.5	286.1	255.3	224.9	194.8	165.7	138.7	113.6
-47.5°	384.9	359.2	329.5	296.8	266.4	237.3	209.0	181.4	153.7	129.6	105.9
-50°	362.1	334.8	303.8	274.5	246.3	219.3	192.9	167.7	142.9	120.1	97.8
-52.5°	334.4	305.9	278.4	251.9	226.2	200.7	177.6	153.8	131.7	110.3	89.3
-55°	302.2	277.7	253.2	229.5	205.8	183.5	162.1	140.6	119.9	100.2	80.6
-57.5°	271.8	249.9	228.5	206.9	186.3	166.5	146.5	126.8	108.1	89.8	73.3
-60°	241.8	223.2	203.9	185.4	167.1	149.0	130.6	112.9	96.1	79.6	65.9
-62.5°	213.5	196.8	180.6	164.1	147.9	131.4	114.5	99.3	83.9	70.9	58.4
-65°	185.8	171.6	157.4	143.4	128.8	113.9	99.4	85.4	73.4	62.1	51.2
-67.5°	158.6	147.5	135.7	122.9	110.2	97.3	84.1	73.4	63.4	53.1	45.4
-70°	134.7	124.6	114.2	103.3	92.0	80.8	71.3	62.1	53.1	46.2	39.4
-72.5°	111.0	102.2	93.2	83.8	75.4	67.0	58.7	51.1	45.1	39.1	33.4
-75°	87.3	80.6	74.0	67.1	60.0	53.1	47.4	41.9	36.9	32.0	27.4
-77.5°	66.3	61.0	55.7	51.1	46.3	41.7	37.1	32.6	28.9	25.2	21.4
-80°	46.9	43.7	40.5	37.3	33.7	30.2	27.3	24.3	21.5	18.5	15.3
-82.5°	29.5	28.0	26.6	24.9	22.9	20.7	18.6	16.3	14.1	11.8	10.2
-85°	17.5	16.4	15.3	14.1	12.7	11.3	10.4	9.5	8.6	7.7	6.8
-87.5°	7.6	7.3	6.9	6.5	6.1	5.6	5.2	4.8	4.3	3.9	3.4
-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°	2.9	2.4	2.0	1.5	1.0	0.5	0.0
85°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
82.5°	8.8	7.3	5.9	4.4	2.9	1.5	0.0
80°	11.9	9.7	7.8	5.9	3.9	2.0	0.0
77.5°	17.2	12.8	9.7	7.3	4.9	2.4	0.0
75°	22.4	17.1	11.9	8.8	5.8	2.9	0.0
72.5°	27.5	21.3	15.2	10.2	6.8	3.4	0.0
70°	32.6	25.4	18.5	11.8	7.7	3.9	0.0
67.5°	37.7	29.5	21.7	14.1	8.6	4.3	0.0
65°	42.8	33.6	24.8	16.4	9.5	4.8	0.0
62.5°	47.8	37.9	27.8	18.7	10.4	5.2	0.0
60°	52.7	42.2	30.8	20.9	11.3	5.6	0.0
57.5°	58.9	46.4	34.2	23.0	12.7	6.1	0.0
55°	65.2	50.5	37.6	25.1	14.1	6.5	0.0
52.5°	71.3	54.7	40.8	27.1	15.5	6.9	0.0
50°	77.1	59.6	44.0	29.0	16.8	7.3	0.0
47.5°	83.0	64.3	47.1	31.0	18.1	7.6	0.0
45°	89.6	68.9	50.2	33.2	19.4	8.0	0.0
42.5°	95.9	73.2	53.1	35.4	20.6	8.3	0.0
40°	101.8	77.4	56.2	37.6	21.7	8.7	0.0
37.5°	107.4	81.4	59.3	39.6	22.8	9.0	0.0
35°	112.6	85.6	62.4	41.5	23.9	9.3	0.0
32.5°	117.6	89.7	65.2	43.2	24.9	9.5	0.0
30°	122.6	93.5	67.8	44.8	25.9	9.8	0.0
27.5°	127.3	96.9	70.1	46.3	26.7	10.0	0.0
25°	131.7	100.1	72.2	47.6	27.6	10.2	0.0
22.5°	135.6	102.9	74.0	48.7	28.3	10.4	0.0
20°	139.2	105.3	75.7	49.7	29.0	10.6	0.0
17.5°	142.4	107.4	77.1	50.6	29.7	10.8	0.0
15°	145.2	109.2	78.4	51.4	30.2	10.9	0.0
12.5°	147.6	110.7	79.4	51.9	30.7	11.0	0.0
10°	149.6	111.9	80.2	52.4	31.2	11.1	0.0
7.5°	151.2	112.7	80.8	52.7	31.5	11.2	0.0
5°	152.3	113.3	81.2	52.9	31.8	11.3	0.0
2.5°	153.0	113.6	81.4	53.0	32.0	11.3	0.0
0°	153.2	113.5	81.3	52.9	32.1	11.3	0.0
-2.5°	153.0	113.6	81.4	53.0	32.0	11.3	0.0
-5°	152.3	113.3	81.2	52.9	31.8	11.3	0.0
-7.5°	151.2	112.7	80.8	52.7	31.5	11.2	0.0
-10°	149.6	111.9	80.2	52.4	31.2	11.1	0.0
-12.5°	147.6	110.7	79.4	51.9	30.7	11.0	0.0
-15°	145.2	109.2	78.4	51.4	30.2	10.9	0.0
-17.5°	142.4	107.4	77.1	50.6	29.7	10.8	0.0
-20°	139.2	105.3	75.7	49.7	29.0	10.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	135.6	102.9	74.0	48.7	28.3	10.4	0.0
-25°	131.7	100.1	72.2	47.6	27.6	10.2	0.0
-27.5°	127.3	96.9	70.1	46.3	26.7	10.0	0.0
-30°	122.6	93.5	67.8	44.8	25.9	9.8	0.0
-32.5°	117.6	89.7	65.2	43.2	24.9	9.5	0.0
-35°	112.6	85.6	62.4	41.5	23.9	9.3	0.0
-37.5°	107.4	81.4	59.3	39.6	22.8	9.0	0.0
-40°	101.8	77.4	56.2	37.6	21.7	8.7	0.0
-42.5°	95.9	73.2	53.1	35.4	20.6	8.3	0.0
-45°	89.6	68.9	50.2	33.2	19.4	8.0	0.0
-47.5°	83.0	64.3	47.1	31.0	18.1	7.6	0.0
-50°	77.1	59.6	44.0	29.0	16.8	7.3	0.0
-52.5°	71.3	54.7	40.8	27.1	15.5	6.9	0.0
-55°	65.2	50.5	37.6	25.1	14.1	6.5	0.0
-57.5°	58.9	46.4	34.2	23.0	12.7	6.1	0.0
-60°	52.7	42.2	30.8	20.9	11.3	5.6	0.0
-62.5°	47.8	37.9	27.8	18.7	10.4	5.2	0.0
-65°	42.8	33.6	24.8	16.4	9.5	4.8	0.0
-67.5°	37.7	29.5	21.7	14.1	8.6	4.3	0.0
-70°	32.6	25.4	18.5	11.8	7.7	3.9	0.0
-72.5°	27.5	21.3	15.2	10.2	6.8	3.4	0.0
-75°	22.4	17.1	11.9	8.8	5.8	2.9	0.0
-77.5°	17.2	12.8	9.7	7.3	4.9	2.4	0.0
-80°	11.9	9.7	7.8	5.9	3.9	2.0	0.0
-82.5°	8.8	7.3	5.9	4.4	2.9	1.5	0.0
-85°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
-87.5°	2.9	2.4	2.0	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)