

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: P558603 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-930-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558603 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1E-930-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

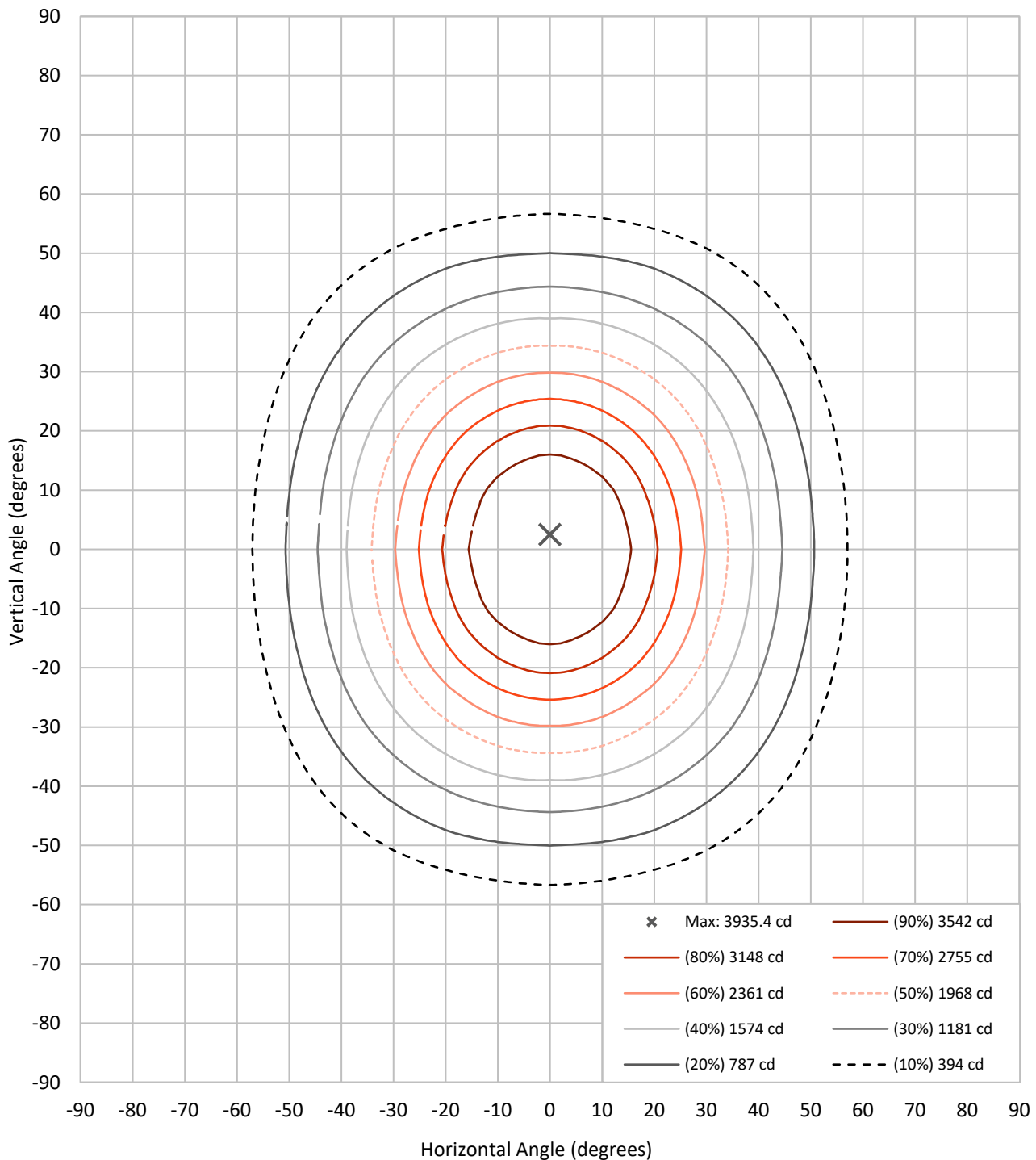
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5326.2 lumens	Max Intensity:	3935.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	83.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	3193.4 lumens	Field Lumens:	5087.9 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 64
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





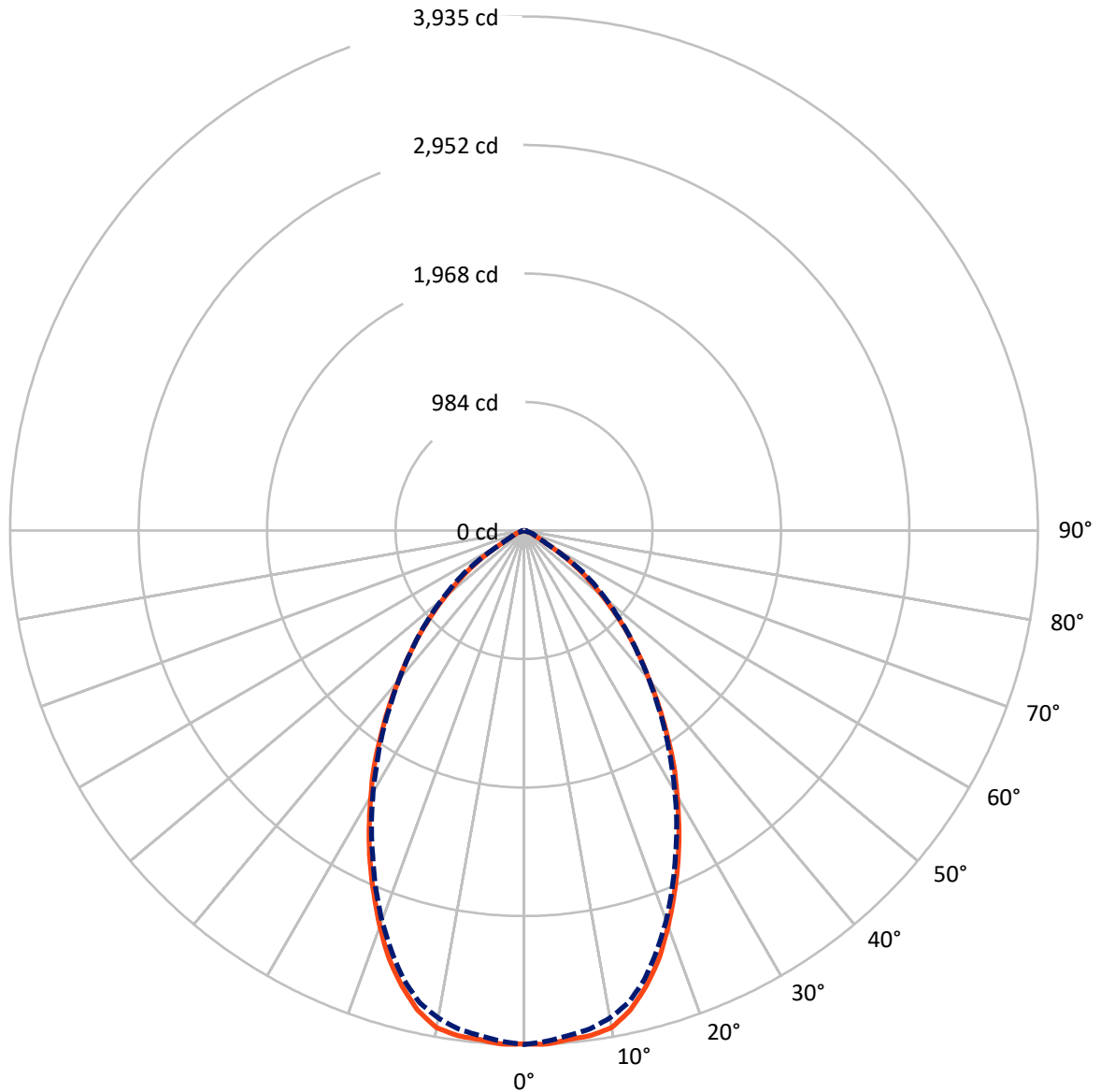
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Lumen Table

90																			
80	0.0	0.5		1.3		2.2		1.6		2.2		1.3		0.5		0.0			
70																			
60	0.2	0.4	0.7	1.1	1.6	2.1	2.6	3.0	3.0	2.6	2.1	1.6	1.1	0.7	0.4	0.2			
50		0.6	1.2	2.1	4.1	8.0	12.0	14.4	14.4	12.0	8.0	4.1	2.1	1.2	0.6				
40	0.4	0.8	1.7	5.1	13.4	22.3	29.7	33.9	33.9	29.7	22.3	13.4	5.1	1.7	0.8	0.4			
30		0.9	3.0	11.8	24.1	37.6	49.9	57.2	57.2	49.9	37.6	24.1	11.8	3.0	0.9				
20	0.5	1.1	5.5	17.8	34.2	53.5	71.5	82.9	82.9	71.5	53.5	34.2	17.8	5.5	1.1	0.5			
10		1.3	7.8	22.1	42.1	66.9	91.1	106.4	106.4	91.1	66.9	42.1	22.1	7.8	1.3				
0	0.5	1.5	9.1	24.5	46.6	74.7	102.3	116.9	116.9	102.3	74.7	46.6	24.5	9.1	1.5	0.5			
-10		1.5	9.1	24.5	46.6	74.7	102.3	116.9	116.9	102.3	74.7	46.6	24.5	9.1	1.5				
-20	0.5	1.3	7.8	22.1	42.1	66.9	91.1	106.4	106.4	91.1	66.9	42.1	22.1	7.8	1.3	0.5			
-30		1.1	5.5	17.8	34.2	53.5	71.5	82.9	82.9	71.5	53.5	34.2	17.8	5.5	1.1				
-40	0.4	0.9	3.0	11.8	24.1	37.6	49.9	57.2	57.2	49.9	37.6	24.1	11.8	3.0	0.9	0.4			
-50		0.8	1.7	5.1	13.4	22.3	29.7	33.9	33.9	29.7	22.3	13.4	5.1	1.7	0.8				
-60	0.2	0.6	1.2	2.1	4.1	8.0	12.0	14.4	14.4	12.0	8.0	4.1	2.1	1.2	0.6	0.2			
-70		0.4	0.7	1.1	1.6	2.1	2.6	3.0	3.0	2.6	2.1	1.6	1.1	0.7	0.4				
-80	0.0	0.5		1.3		2.2		1.6		2.2		1.3		0.5		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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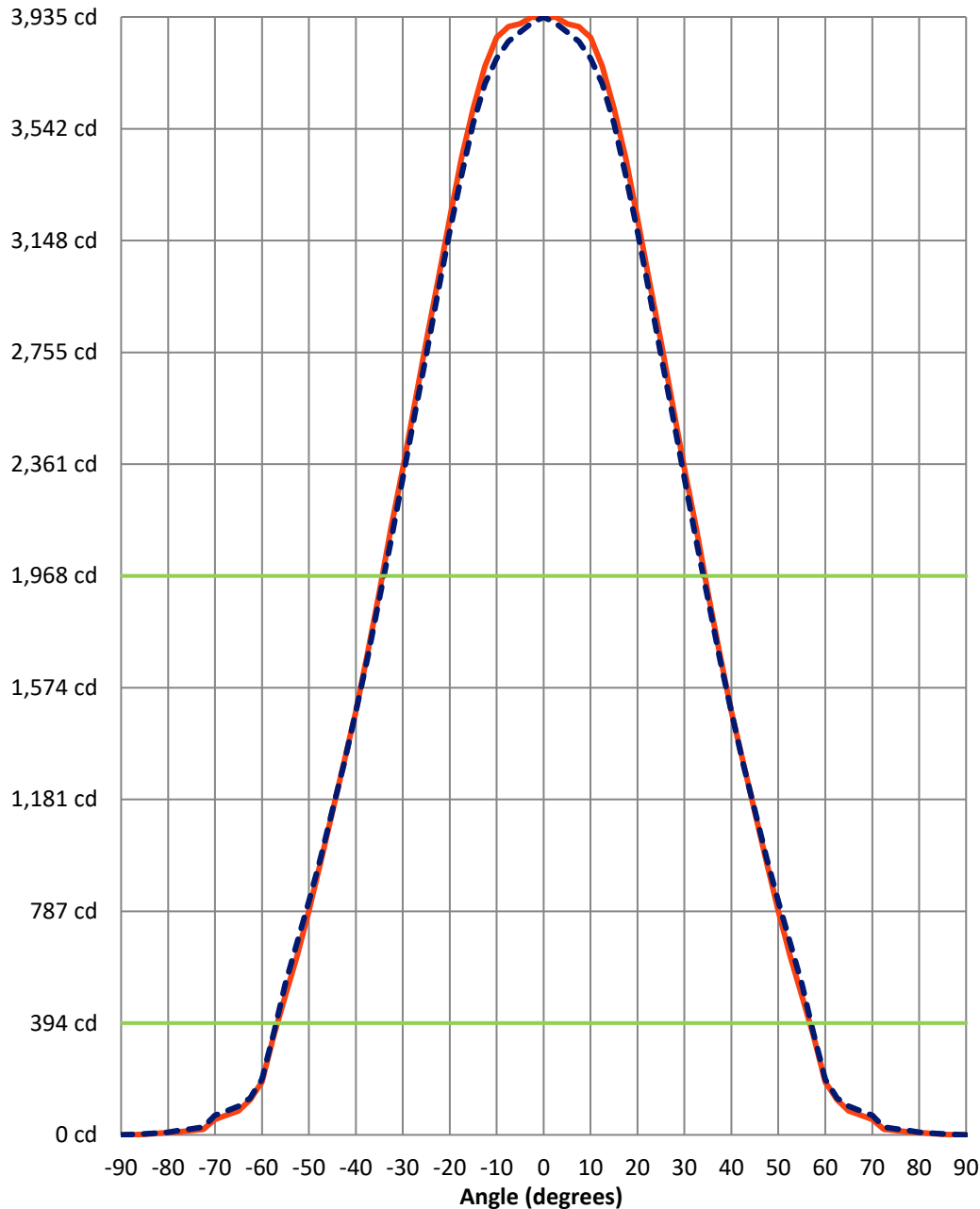
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 68°
 V Angle: 68.7°
 Lumens: 3193.4
 Efficiency: 60.0%

Field:
 H Angle: 114°
 V Angle: 113.4°
 Lumens: 5087.9
 Efficiency: 95.5%

Spill:
 Lumens: 238.2
 Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-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	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.6	2.2	2.8
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.4	3.3	4.1	5.0
77.5°	0.0	0.3	0.6	1.0	1.3	1.8	2.8	3.8	4.9	6.0	7.4
75°	0.0	0.4	0.8	1.2	1.6	2.6	3.9	5.2	6.6	8.8	11.0
72.5°	0.0	0.5	0.9	1.3	2.1	3.4	5.0	6.8	9.4	12.0	14.5
70°	0.0	0.5	1.0	1.6	2.6	4.1	6.1	9.3	12.2	15.1	19.2
67.5°	0.0	0.6	1.1	1.9	3.1	4.8	8.0	11.7	15.0	19.3	24.2
65°	0.0	0.6	1.3	2.2	3.6	5.8	9.7	14.1	18.3	23.3	28.8
62.5°	0.0	0.7	1.4	2.4	4.0	6.9	11.4	16.6	21.6	27.3	33.3
60°	0.0	0.7	1.5	2.7	4.4	8.0	12.8	19.2	24.7	31.6	37.9
57.5°	0.0	0.8	1.6	2.9	5.1	9.0	14.3	21.5	28.4	35.9	41.6
55°	0.0	0.9	1.8	3.2	5.6	9.8	15.7	23.2	32.4	39.9	45.1
52.5°	0.0	0.9	1.9	3.4	6.1	10.6	16.8	25.9	36.3	43.0	48.5
50°	0.0	1.0	2.1	3.5	6.6	11.2	17.7	28.3	39.9	46.1	52.0
47.5°	0.0	1.0	2.2	3.7	6.9	11.8	18.6	30.5	42.6	49.2	55.4
45°	0.0	1.1	2.3	3.9	7.2	12.2	20.1	32.3	43.8	52.0	58.6
42.5°	0.0	1.1	2.4	4.1	7.4	12.5	21.4	33.3	44.6	54.6	62.1
40°	0.0	1.1	2.6	4.3	7.6	12.6	22.4	33.7	45.1	56.8	65.5
37.5°	0.0	1.2	2.7	4.5	7.6	12.6	23.2	33.8	45.6	57.8	68.8
35°	0.0	1.2	2.8	4.7	7.6	12.9	23.7	33.6	46.0	59.9	72.1
32.5°	0.0	1.3	2.9	4.9	7.5	13.3	23.8	33.1	46.5	62.6	75.5
30°	0.0	1.3	3.0	5.1	7.3	13.4	23.3	32.6	46.9	65.8	78.6
27.5°	0.0	1.3	3.0	5.2	7.5	13.4	22.7	32.7	48.1	69.5	81.6
25°	0.0	1.4	3.1	5.4	7.7	13.3	21.8	32.7	50.6	72.4	84.4
22.5°	0.0	1.4	3.2	5.5	7.9	13.3	20.8	32.7	53.2	74.6	87.9
20°	0.0	1.4	3.3	5.6	8.1	13.9	19.7	32.5	55.9	76.6	91.1
17.5°	0.0	1.4	3.3	5.7	8.3	14.4	19.5	32.2	58.6	78.4	93.8
15°	0.0	1.4	3.4	5.8	8.5	14.9	19.8	32.0	61.3	80.0	96.2
12.5°	0.0	1.5	3.4	5.9	8.6	15.3	20.2	31.8	63.6	81.4	98.1
10°	0.0	1.5	3.4	6.0	8.8	15.6	20.5	31.2	65.6	82.5	99.6
7.5°	0.0	1.5	3.5	6.0	8.9	15.9	20.7	30.2	67.2	83.3	100.5
5°	0.0	1.5	3.5	6.1	9.0	16.1	21.0	28.9	68.3	84.0	100.9
2.5°	0.0	1.5	3.5	6.1	9.0	16.1	21.0	28.9	68.3	84.0	100.9
0°	0.0	1.5	3.5	6.1	9.1	16.2	21.2	25.8	68.8	84.5	100.7
-2.5°	0.0	1.5	3.5	6.1	9.0	16.2	21.1	27.4	68.8	84.4	101.0
-5°	0.0	1.5	3.5	6.1	9.0	16.1	21.0	28.9	68.3	84.0	100.9
-7.5°	0.0	1.5	3.5	6.0	8.9	15.9	20.7	30.2	67.2	83.3	100.5
-10°	0.0	1.5	3.4	6.0	8.8	15.6	20.5	31.2	65.6	82.5	99.6
-12.5°	0.0	1.5	3.4	5.9	8.6	15.3	20.2	31.8	63.6	81.4	98.1
-15°	0.0	1.4	3.4	5.8	8.5	14.9	19.8	32.0	61.3	80.0	96.2
-17.5°	0.0	1.4	3.3	5.7	8.3	14.4	19.5	32.2	58.6	78.4	93.8
-20°	0.0	1.4	3.3	5.6	8.1	13.9	19.7	32.5	55.9	76.6	91.1



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 CATALOG NUMBER: GFLD-SA1E-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.4	3.2	5.5	7.9	13.3	20.8	32.7	53.2	74.6	87.9
-25°	0.0	1.4	3.1	5.4	7.7	13.3	21.8	32.7	50.6	72.4	84.4
-27.5°	0.0	1.3	3.0	5.2	7.5	13.4	22.7	32.7	48.1	69.5	81.6
-30°	0.0	1.3	3.0	5.1	7.3	13.4	23.3	32.6	46.9	65.8	78.6
-32.5°	0.0	1.3	2.9	4.9	7.5	13.3	23.8	33.1	46.5	62.6	75.5
-35°	0.0	1.2	2.8	4.7	7.6	12.9	23.7	33.6	46.0	59.9	72.1
-37.5°	0.0	1.2	2.7	4.5	7.6	12.6	23.2	33.8	45.6	57.8	68.8
-40°	0.0	1.1	2.6	4.3	7.6	12.6	22.4	33.7	45.1	56.8	65.5
-42.5°	0.0	1.1	2.4	4.1	7.4	12.5	21.4	33.3	44.6	54.6	62.1
-45°	0.0	1.1	2.3	3.9	7.2	12.2	20.1	32.3	43.8	52.0	58.6
-47.5°	0.0	1.0	2.2	3.7	6.9	11.8	18.6	30.5	42.6	49.2	55.4
-50°	0.0	1.0	2.1	3.5	6.6	11.2	17.7	28.3	39.9	46.1	52.0
-52.5°	0.0	0.9	1.9	3.4	6.1	10.6	16.8	25.9	36.3	43.0	48.5
-55°	0.0	0.9	1.8	3.2	5.6	9.8	15.7	23.2	32.4	39.9	45.1
-57.5°	0.0	0.8	1.6	2.9	5.1	9.0	14.3	21.5	28.4	35.9	41.6
-60°	0.0	0.7	1.5	2.7	4.4	8.0	12.8	19.2	24.7	31.6	37.9
-62.5°	0.0	0.7	1.4	2.4	4.0	6.9	11.4	16.6	21.6	27.3	33.3
-65°	0.0	0.6	1.3	2.2	3.6	5.8	9.7	14.1	18.3	23.3	28.8
-67.5°	0.0	0.6	1.1	1.9	3.1	4.8	8.0	11.7	15.0	19.3	24.2
-70°	0.0	0.5	1.0	1.6	2.6	4.1	6.1	9.3	12.2	15.1	19.2
-72.5°	0.0	0.5	0.9	1.3	2.1	3.4	5.0	6.8	9.4	12.0	14.5
-75°	0.0	0.4	0.8	1.2	1.6	2.6	3.9	5.2	6.6	8.8	11.0
-77.5°	0.0	0.3	0.6	1.0	1.3	1.8	2.8	3.8	4.9	6.0	7.4
-80°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.4	3.3	4.1	5.0
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.6	2.2	2.8
-85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-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):

	-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.5
85°	1.3	1.3	1.4	1.5	1.7	1.8	1.8	1.8	2.1	2.4	2.7
82.5°	3.2	3.4	3.6	3.6	3.7	3.6	3.6	3.5	4.4	5.5	6.6
80°	5.4	5.6	6.5	7.4	7.9	7.9	7.4	6.6	7.9	9.8	12.2
77.5°	8.8	10.1	11.5	12.9	13.1	12.4	11.3	9.8	11.6	15.1	19.0
75°	12.8	14.6	16.5	18.0	18.0	16.9	15.5	15.2	18.2	22.4	25.9
72.5°	17.5	20.0	22.0	23.2	23.1	22.9	23.5	24.7	27.1	30.2	32.9
70°	23.1	25.7	27.1	27.8	28.0	29.4	31.5	33.1	34.8	37.8	40.7
67.5°	28.7	30.7	31.9	32.8	35.1	37.8	39.9	41.9	44.0	47.1	49.7
65°	33.7	35.7	37.5	40.1	43.6	46.1	48.6	51.2	54.9	58.4	60.5
62.5°	38.6	40.8	43.4	47.0	50.8	54.0	58.1	62.7	67.5	71.0	75.1
60°	42.4	45.5	49.3	53.5	58.0	63.3	68.5	73.8	78.8	83.6	89.6
57.5°	46.0	50.4	55.2	60.1	66.0	72.6	79.0	84.8	91.0	97.7	104.4
55°	50.0	55.7	61.0	66.9	74.1	82.5	89.6	96.5	103.9	115.1	124.9
52.5°	54.3	60.6	66.6	73.9	82.8	91.7	99.8	109.4	121.8	138.5	165.6
50°	58.4	65.2	72.1	81.5	91.2	100.6	112.3	125.7	150.5	181.6	236.1
47.5°	62.4	69.6	78.9	89.0	99.6	112.0	126.8	156.1	189.9	267.4	344.6
45°	66.4	75.0	85.3	96.8	109.3	124.9	155.6	191.8	283.8	372.9	465.6
42.5°	70.3	80.4	92.1	104.4	120.8	149.1	188.6	284.2	383.8	486.1	575.1
40°	74.8	85.5	99.0	114.6	136.2	179.2	267.9	375.5	487.8	584.4	671.1
37.5°	79.0	91.6	106.3	124.4	163.4	235.1	349.5	468.8	577.5	671.9	764.5
35°	82.9	97.6	115.1	142.3	190.0	308.2	432.2	553.5	657.4	758.2	859.5
32.5°	87.4	103.4	123.5	165.9	251.0	378.8	510.7	626.3	735.1	842.6	958.3
30°	92.4	110.5	135.3	188.4	311.5	447.3	578.0	696.1	808.9	928.3	1052.2
27.5°	97.1	117.4	154.7	232.1	368.4	511.3	639.2	760.8	881.9	1009.1	1142.4
25°	101.4	124.0	173.0	280.0	423.2	565.9	695.6	819.3	950.1	1088.2	1228.6
22.5°	106.0	130.3	189.5	323.6	473.4	614.5	745.4	876.6	1014.9	1161.4	1307.7
20°	111.0	144.0	216.5	363.9	519.0	658.7	790.1	929.7	1075.6	1227.3	1381.9
17.5°	115.6	156.0	248.9	402.1	557.4	697.1	830.3	977.9	1128.4	1287.0	1449.8
15°	119.6	166.5	277.4	436.0	589.9	729.7	869.5	1020.6	1175.3	1340.5	1509.6
12.5°	123.2	175.3	301.9	465.2	617.4	757.6	902.4	1056.7	1217.1	1387.2	1563.5
10°	126.3	182.5	322.3	489.6	639.8	780.6	928.9	1086.7	1250.4	1424.9	1607.0
7.5°	128.2	188.4	338.4	509.1	657.0	798.7	948.8	1110.3	1274.7	1454.3	1639.8
5°	129.5	193.3	350.0	523.6	669.5	812.3	963.2	1127.3	1290.4	1474.9	1661.9
2.5°	130.1	196.6	357.1	532.8	677.4	821.8	975.1	1142.2	1306.8	1489.6	1679.1
0°	130.0	198.3	359.7	536.8	680.4	826.1	980.9	1149.9	1317.4	1495.9	1690.7
-2.5°	130.1	196.6	357.1	532.8	677.4	821.8	975.1	1142.2	1306.8	1489.6	1679.1
-5°	129.5	193.3	350.0	523.6	669.5	812.3	963.2	1127.3	1290.4	1474.9	1661.9
-7.5°	128.2	188.4	338.4	509.1	657.0	798.7	948.8	1110.3	1274.7	1454.3	1639.8
-10°	126.3	182.5	322.3	489.6	639.8	780.6	928.9	1086.7	1250.4	1424.9	1607.0
-12.5°	123.2	175.3	301.9	465.2	617.4	757.6	902.4	1056.7	1217.1	1387.2	1563.5
-15°	119.6	166.5	277.4	436.0	589.9	729.7	869.5	1020.6	1175.3	1340.5	1509.6
-17.5°	115.6	156.0	248.9	402.1	557.4	697.1	830.3	977.9	1128.4	1287.0	1449.8
-20°	111.0	144.0	216.5	363.9	519.0	658.7	790.1	929.7	1075.6	1227.3	1381.9



REPORT NUMBER: P558603 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	106.0	130.3	189.5	323.6	473.4	614.5	745.4	876.6	1014.9	1161.4	1307.7
-25°	101.4	124.0	173.0	280.0	423.2	565.9	695.6	819.3	950.1	1088.2	1228.6
-27.5°	97.1	117.4	154.7	232.1	368.4	511.3	639.2	760.8	881.9	1009.1	1142.4
-30°	92.4	110.5	135.3	188.4	311.5	447.3	578.0	696.1	808.9	928.3	1052.2
-32.5°	87.4	103.4	123.5	165.9	251.0	378.8	510.7	626.3	735.1	842.6	958.3
-35°	82.9	97.6	115.1	142.3	190.0	308.2	432.2	553.5	657.4	758.2	859.5
-37.5°	79.0	91.6	106.3	124.4	163.4	235.1	349.5	468.8	577.5	671.9	764.5
-40°	74.8	85.5	99.0	114.6	136.2	179.2	267.9	375.5	487.8	584.4	671.1
-42.5°	70.3	80.4	92.1	104.4	120.8	149.1	188.6	284.2	383.8	486.1	575.1
-45°	66.4	75.0	85.3	96.8	109.3	124.9	155.6	191.8	283.8	372.9	465.6
-47.5°	62.4	69.6	78.9	89.0	99.6	112.0	126.8	156.1	189.9	267.4	344.6
-50°	58.4	65.2	72.1	81.5	91.2	100.6	112.3	125.7	150.5	181.6	236.1
-52.5°	54.3	60.6	66.6	73.9	82.8	91.7	99.8	109.4	121.8	138.5	165.6
-55°	50.0	55.7	61.0	66.9	74.1	82.5	89.6	96.5	103.9	115.1	124.9
-57.5°	46.0	50.4	55.2	60.1	66.0	72.6	79.0	84.8	91.0	97.7	104.4
-60°	42.4	45.5	49.3	53.5	58.0	63.3	68.5	73.8	78.8	83.6	89.6
-62.5°	38.6	40.8	43.4	47.0	50.8	54.0	58.1	62.7	67.5	71.0	75.1
-65°	33.7	35.7	37.5	40.1	43.6	46.1	48.6	51.2	54.9	58.4	60.5
-67.5°	28.7	30.7	31.9	32.8	35.1	37.8	39.9	41.9	44.0	47.1	49.7
-70°	23.1	25.7	27.1	27.8	28.0	29.4	31.5	33.1	34.8	37.8	40.7
-72.5°	17.5	20.0	22.0	23.2	23.1	22.9	23.5	24.7	27.1	30.2	32.9
-75°	12.8	14.6	16.5	18.0	18.0	16.9	15.5	15.2	18.2	22.4	25.9
-77.5°	8.8	10.1	11.5	12.9	13.1	12.4	11.3	9.8	11.6	15.1	19.0
-80°	5.4	5.6	6.5	7.4	7.9	7.9	7.4	6.6	7.9	9.8	12.2
-82.5°	3.2	3.4	3.6	3.6	3.7	3.6	3.6	3.5	4.4	5.5	6.6
-85°	1.3	1.3	1.4	1.5	1.7	1.8	1.8	1.8	2.1	2.4	2.7
-87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.5
-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: P558603 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-WR-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°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	3.1	3.0	2.9	2.8	2.5	2.6	2.7	2.8	2.8	2.6	2.4
82.5°	7.9	8.5	9.1	9.7	10.3	10.2	9.9	9.5	9.0	8.0	6.9
80°	14.8	16.3	17.2	18.0	18.6	18.0	17.1	16.1	15.0	13.3	11.5
77.5°	23.1	24.5	25.2	26.1	27.1	27.3	27.3	27.4	27.5	24.4	20.4
75°	28.6	30.5	32.0	33.4	34.6	35.1	35.5	35.9	36.2	32.2	26.8
72.5°	35.2	37.0	38.4	39.9	41.2	42.2	42.9	43.6	44.1	40.7	36.0
70°	42.9	44.7	46.4	47.9	49.3	50.7	51.9	53.0	54.0	54.2	54.5
67.5°	51.6	52.7	54.7	56.6	58.8	60.5	62.3	64.1	65.7	67.0	68.1
65°	62.4	66.2	70.1	71.9	72.1	74.5	78.2	80.3	81.0	81.5	82.7
62.5°	80.4	85.3	87.9	91.2	95.9	100.9	102.9	105.7	109.1	112.9	116.4
60°	94.7	98.8	105.1	111.5	117.1	122.3	134.7	145.8	155.3	163.5	171.4
57.5°	112.4	119.3	128.9	146.2	161.9	176.2	200.6	230.4	256.9	280.1	300.5
55°	140.7	160.9	179.0	219.8	263.3	300.9	336.2	373.9	404.6	428.6	450.8
52.5°	189.1	244.5	300.7	353.6	405.5	452.9	495.4	528.8	554.8	574.4	592.9
50°	302.7	369.5	438.0	501.0	552.1	598.7	642.9	676.0	703.8	727.7	748.8
47.5°	426.6	504.8	569.5	627.6	682.7	734.4	782.8	823.1	857.2	888.7	914.9
45°	549.8	619.8	686.2	748.5	808.4	866.4	918.4	964.3	1009.5	1046.8	1076.4
42.5°	654.1	728.2	798.7	870.1	937.0	1002.1	1064.9	1120.7	1168.7	1209.6	1242.4
40°	754.1	833.9	917.8	997.0	1076.5	1150.8	1220.4	1284.0	1338.7	1387.1	1428.0
37.5°	855.9	949.2	1041.2	1131.6	1219.2	1300.0	1379.8	1453.3	1517.4	1573.9	1621.4
35°	963.4	1066.2	1166.3	1268.1	1363.8	1457.2	1545.5	1626.4	1697.4	1764.0	1821.2
32.5°	1071.1	1182.4	1295.2	1405.4	1511.3	1615.9	1712.7	1804.0	1887.8	1961.6	2022.8
30°	1175.9	1298.5	1419.2	1539.2	1660.1	1774.1	1881.3	1981.5	2072.5	2152.9	2222.3
27.5°	1276.4	1408.2	1537.7	1674.9	1806.3	1930.4	2046.9	2154.5	2256.2	2347.5	2426.4
25°	1369.5	1509.5	1660.4	1804.3	1945.0	2082.5	2210.2	2327.2	2443.3	2543.8	2629.4
22.5°	1457.4	1613.6	1772.6	1923.5	2078.6	2229.9	2372.8	2508.4	2632.4	2737.7	2829.0
20°	1541.0	1709.2	1872.9	2040.0	2208.0	2371.2	2528.6	2673.4	2804.5	2919.3	3022.2
17.5°	1620.0	1794.0	1968.0	2146.4	2327.9	2499.4	2666.2	2823.8	2966.9	3094.2	3210.2
15°	1688.3	1868.1	2054.4	2244.1	2433.8	2616.2	2793.2	2964.9	3125.9	3264.5	3381.5
12.5°	1746.4	1933.6	2130.7	2329.7	2529.8	2721.0	2908.5	3092.3	3263.4	3412.4	3532.6
10°	1794.6	1990.7	2196.6	2403.9	2609.0	2807.7	3002.8	3192.9	3376.7	3531.1	3654.5
7.5°	1834.7	2038.4	2249.0	2462.5	2669.5	2875.9	3079.4	3271.3	3452.4	3615.3	3742.1
5°	1864.6	2071.8	2286.8	2505.7	2715.9	2929.6	3139.1	3335.6	3514.9	3662.4	3765.9
2.5°	1887.0	2092.6	2311.4	2531.7	2744.7	2966.1	3180.0	3376.7	3560.2	3699.9	3789.6
0°	1902.2	2104.0	2333.7	2549.7	2766.2	2993.4	3204.9	3403.7	3587.8	3724.4	3817.0
-2.5°	1887.0	2092.6	2311.4	2531.7	2744.7	2966.1	3180.0	3376.7	3560.2	3699.9	3789.6
-5°	1864.6	2071.8	2286.8	2505.7	2715.9	2929.6	3139.1	3335.6	3514.9	3662.4	3765.9
-7.5°	1834.7	2038.4	2249.0	2462.5	2669.5	2875.9	3079.4	3271.3	3452.4	3615.3	3742.1
-10°	1794.6	1990.7	2196.6	2403.9	2609.0	2807.7	3002.8	3192.9	3376.7	3531.1	3654.5
-12.5°	1746.4	1933.6	2130.7	2329.7	2529.8	2721.0	2908.5	3092.3	3263.4	3412.4	3532.6
-15°	1688.3	1868.1	2054.4	2244.1	2433.8	2616.2	2793.2	2964.9	3125.9	3264.5	3381.5
-17.5°	1620.0	1794.0	1968.0	2146.4	2327.9	2499.4	2666.2	2823.8	2966.9	3094.2	3210.2
-20°	1541.0	1709.2	1872.9	2040.0	2208.0	2371.2	2528.6	2673.4	2804.5	2919.3	3022.2



REPORT NUMBER: P558603 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1457.4	1613.6	1772.6	1923.5	2078.6	2229.9	2372.8	2508.4	2632.4	2737.7	2829.0
-25°	1369.5	1509.5	1660.4	1804.3	1945.0	2082.5	2210.2	2327.2	2443.3	2543.8	2629.4
-27.5°	1276.4	1408.2	1537.7	1674.9	1806.3	1930.4	2046.9	2154.5	2256.2	2347.5	2426.4
-30°	1175.9	1298.5	1419.2	1539.2	1660.1	1774.1	1881.3	1981.5	2072.5	2152.9	2222.3
-32.5°	1071.1	1182.4	1295.2	1405.4	1511.3	1615.9	1712.7	1804.0	1887.8	1961.6	2022.8
-35°	963.4	1066.2	1166.3	1268.1	1363.8	1457.2	1545.5	1626.4	1697.4	1764.0	1821.2
-37.5°	855.9	949.2	1041.2	1131.6	1219.2	1300.0	1379.8	1453.3	1517.4	1573.9	1621.4
-40°	754.1	833.9	917.8	997.0	1076.5	1150.8	1220.4	1284.0	1338.7	1387.1	1428.0
-42.5°	654.1	728.2	798.7	870.1	937.0	1002.1	1064.9	1120.7	1168.7	1209.6	1242.4
-45°	549.8	619.8	686.2	748.5	808.4	866.4	918.4	964.3	1009.5	1046.8	1076.4
-47.5°	426.6	504.8	569.5	627.6	682.7	734.4	782.8	823.1	857.2	888.7	914.9
-50°	302.7	369.5	438.0	501.0	552.1	598.7	642.9	676.0	703.8	727.7	748.8
-52.5°	189.1	244.5	300.7	353.6	405.5	452.9	495.4	528.8	554.8	574.4	592.9
-55°	140.7	160.9	179.0	219.8	263.3	300.9	336.2	373.9	404.6	428.6	450.8
-57.5°	112.4	119.3	128.9	146.2	161.9	176.2	200.6	230.4	256.9	280.1	300.5
-60°	94.7	98.8	105.1	111.5	117.1	122.3	134.7	145.8	155.3	163.5	171.4
-62.5°	80.4	85.3	87.9	91.2	95.9	100.9	102.9	105.7	109.1	112.9	116.4
-65°	62.4	66.2	70.1	71.9	72.1	74.5	78.2	80.3	81.0	81.5	82.7
-67.5°	51.6	52.7	54.7	56.6	58.8	60.5	62.3	64.1	65.7	67.0	68.1
-70°	42.9	44.7	46.4	47.9	49.3	50.7	51.9	53.0	54.0	54.2	54.5
-72.5°	35.2	37.0	38.4	39.9	41.2	42.2	42.9	43.6	44.1	40.7	36.0
-75°	28.6	30.5	32.0	33.4	34.6	35.1	35.5	35.9	36.2	32.2	26.8
-77.5°	23.1	24.5	25.2	26.1	27.1	27.3	27.3	27.4	27.5	24.4	20.4
-80°	14.8	16.3	17.2	18.0	18.6	18.0	17.1	16.1	15.0	13.3	11.5
-82.5°	7.9	8.5	9.1	9.7	10.3	10.2	9.9	9.5	9.0	8.0	6.9
-85°	3.1	3.0	2.9	2.8	2.5	2.6	2.7	2.8	2.8	2.6	2.4
-87.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P558603 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-WR-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	2.2	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.6	2.8	2.8
82.5°	5.8	4.6	4.8	5.1	4.8	4.6	5.8	6.9	8.0	9.0	9.5
80°	9.6	7.6	7.8	8.1	7.8	7.6	9.6	11.5	13.3	15.0	16.1
77.5°	16.2	11.7	11.3	11.1	11.3	11.7	16.2	20.4	24.4	27.5	27.4
75°	21.2	15.5	15.2	15.2	15.2	15.5	21.2	26.8	32.2	36.2	35.9
72.5°	31.3	26.5	23.1	19.7	23.1	26.5	31.3	36.0	40.7	44.1	43.6
70°	55.1	55.8	55.5	54.6	55.5	55.8	55.1	54.5	54.2	54.0	53.0
67.5°	69.1	69.8	69.9	69.8	69.9	69.8	69.1	68.1	67.0	65.7	64.1
65°	83.5	84.0	84.4	84.5	84.4	84.0	83.5	82.7	81.5	81.0	80.3
62.5°	119.0	120.8	122.6	123.9	122.6	120.8	119.0	116.4	112.9	109.1	105.7
60°	178.2	183.9	186.5	186.7	186.5	183.9	178.2	171.4	163.5	155.3	145.8
57.5°	316.8	329.0	339.9	348.1	339.9	329.0	316.8	300.5	280.1	256.9	230.4
55°	468.4	481.4	488.7	490.7	488.7	481.4	468.4	450.8	428.6	404.6	373.9
52.5°	607.0	615.7	623.9	630.9	623.9	615.7	607.0	592.9	574.4	554.8	528.8
50°	764.7	774.3	782.5	788.7	782.5	774.3	764.7	748.8	727.7	703.8	676.0
47.5°	933.4	945.1	953.8	959.7	953.8	945.1	933.4	914.9	888.7	857.2	823.1
45°	1101.7	1121.8	1134.1	1136.2	1134.1	1121.8	1101.7	1076.4	1046.8	1009.5	964.3
42.5°	1270.8	1290.1	1303.2	1312.8	1303.2	1290.1	1270.8	1242.4	1209.6	1168.7	1120.7
40°	1462.1	1486.4	1497.5	1490.4	1497.5	1486.4	1462.1	1428.0	1387.1	1338.7	1284.0
37.5°	1658.0	1682.9	1695.8	1695.3	1695.8	1682.9	1658.0	1621.4	1573.9	1517.4	1453.3
35°	1865.8	1896.7	1913.5	1909.3	1913.5	1896.7	1865.8	1821.2	1764.0	1697.4	1626.4
32.5°	2071.6	2109.0	2133.2	2136.9	2133.2	2109.0	2071.6	2022.8	1961.6	1887.8	1804.0
30°	2278.0	2318.5	2342.5	2344.8	2342.5	2318.5	2278.0	2222.3	2152.9	2072.5	1981.5
27.5°	2492.5	2537.8	2562.9	2568.9	2562.9	2537.8	2492.5	2426.4	2347.5	2256.2	2154.5
25°	2702.4	2752.6	2781.5	2792.5	2781.5	2752.6	2702.4	2629.4	2543.8	2443.3	2327.2
22.5°	2904.8	2959.9	2997.5	3007.0	2997.5	2959.9	2904.8	2829.0	2737.7	2632.4	2508.4
20°	3107.8	3172.8	3220.8	3225.6	3220.8	3172.8	3107.8	3022.2	2919.3	2804.5	2673.4
17.5°	3303.2	3373.5	3425.0	3437.6	3425.0	3373.5	3303.2	3210.2	3094.2	2966.9	2823.8
15°	3478.2	3552.0	3601.7	3612.6	3601.7	3552.0	3478.2	3381.5	3264.5	3125.9	2964.9
12.5°	3629.1	3697.2	3743.6	3761.3	3743.6	3697.2	3629.1	3532.6	3412.4	3263.4	3092.3
10°	3750.7	3803.3	3844.8	3863.5	3844.8	3803.3	3750.7	3654.5	3531.1	3376.7	3192.9
7.5°	3818.7	3861.9	3890.7	3901.0	3890.7	3861.9	3818.7	3742.1	3615.3	3452.4	3271.3
5°	3845.5	3887.0	3902.5	3911.6	3902.5	3887.0	3845.5	3765.9	3662.4	3514.9	3335.6
2.5°	3849.2	3882.3	3914.3	3935.4	3914.3	3882.3	3849.2	3789.6	3699.9	3560.2	3376.7
0°	3870.6	3903.0	3920.7	3930.8	3920.7	3903.0	3870.6	3817.0	3724.4	3587.8	3403.7
-2.5°	3849.2	3882.3	3914.3	3935.4	3914.3	3882.3	3849.2	3789.6	3699.9	3560.2	3376.7
-5°	3845.5	3887.0	3902.5	3911.6	3902.5	3887.0	3845.5	3765.9	3662.4	3514.9	3335.6
-7.5°	3818.7	3861.9	3890.7	3901.0	3890.7	3861.9	3818.7	3742.1	3615.3	3452.4	3271.3
-10°	3750.7	3803.3	3844.8	3863.5	3844.8	3803.3	3750.7	3654.5	3531.1	3376.7	3192.9
-12.5°	3629.1	3697.2	3743.6	3761.3	3743.6	3697.2	3629.1	3532.6	3412.4	3263.4	3092.3
-15°	3478.2	3552.0	3601.7	3612.6	3601.7	3552.0	3478.2	3381.5	3264.5	3125.9	2964.9
-17.5°	3303.2	3373.5	3425.0	3437.6	3425.0	3373.5	3303.2	3210.2	3094.2	2966.9	2823.8
-20°	3107.8	3172.8	3220.8	3225.6	3220.8	3172.8	3107.8	3022.2	2919.3	2804.5	2673.4



REPORT NUMBER: P558603 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2904.8	2959.9	2997.5	3007.0	2997.5	2959.9	2904.8	2829.0	2737.7	2632.4	2508.4
-25°	2702.4	2752.6	2781.5	2792.5	2781.5	2752.6	2702.4	2629.4	2543.8	2443.3	2327.2
-27.5°	2492.5	2537.8	2562.9	2568.9	2562.9	2537.8	2492.5	2426.4	2347.5	2256.2	2154.5
-30°	2278.0	2318.5	2342.5	2344.8	2342.5	2318.5	2278.0	2222.3	2152.9	2072.5	1981.5
-32.5°	2071.6	2109.0	2133.2	2136.9	2133.2	2109.0	2071.6	2022.8	1961.6	1887.8	1804.0
-35°	1865.8	1896.7	1913.5	1909.3	1913.5	1896.7	1865.8	1821.2	1764.0	1697.4	1626.4
-37.5°	1658.0	1682.9	1695.8	1695.3	1695.8	1682.9	1658.0	1621.4	1573.9	1517.4	1453.3
-40°	1462.1	1486.4	1497.5	1490.4	1497.5	1486.4	1462.1	1428.0	1387.1	1338.7	1284.0
-42.5°	1270.8	1290.1	1303.2	1312.8	1303.2	1290.1	1270.8	1242.4	1209.6	1168.7	1120.7
-45°	1101.7	1121.8	1134.1	1136.2	1134.1	1121.8	1101.7	1076.4	1046.8	1009.5	964.3
-47.5°	933.4	945.1	953.8	959.7	953.8	945.1	933.4	914.9	888.7	857.2	823.1
-50°	764.7	774.3	782.5	788.7	782.5	774.3	764.7	748.8	727.7	703.8	676.0
-52.5°	607.0	615.7	623.9	630.9	623.9	615.7	607.0	592.9	574.4	554.8	528.8
-55°	468.4	481.4	488.7	490.7	488.7	481.4	468.4	450.8	428.6	404.6	373.9
-57.5°	316.8	329.0	339.9	348.1	339.9	329.0	316.8	300.5	280.1	256.9	230.4
-60°	178.2	183.9	186.5	186.7	186.5	183.9	178.2	171.4	163.5	155.3	145.8
-62.5°	119.0	120.8	122.6	123.9	122.6	120.8	119.0	116.4	112.9	109.1	105.7
-65°	83.5	84.0	84.4	84.5	84.4	84.0	83.5	82.7	81.5	81.0	80.3
-67.5°	69.1	69.8	69.9	69.8	69.9	69.8	69.1	68.1	67.0	65.7	64.1
-70°	55.1	55.8	55.5	54.6	55.5	55.8	55.1	54.5	54.2	54.0	53.0
-72.5°	31.3	26.5	23.1	19.7	23.1	26.5	31.3	36.0	40.7	44.1	43.6
-75°	21.2	15.5	15.2	15.2	15.2	15.5	21.2	26.8	32.2	36.2	35.9
-77.5°	16.2	11.7	11.3	11.1	11.3	11.7	16.2	20.4	24.4	27.5	27.4
-80°	9.6	7.6	7.8	8.1	7.8	7.6	9.6	11.5	13.3	15.0	16.1
-82.5°	5.8	4.6	4.8	5.1	4.8	4.6	5.8	6.9	8.0	9.0	9.5
-85°	2.2	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.6	2.8	2.8
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P558603 (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°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.7
85°	2.7	2.6	2.5	2.8	2.9	3.0	3.1	2.7	2.4	2.1	1.8
82.5°	9.9	10.2	10.3	9.7	9.1	8.5	7.9	6.6	5.5	4.4	3.5
80°	17.1	18.0	18.6	18.0	17.2	16.3	14.8	12.2	9.8	7.9	6.6
77.5°	27.3	27.3	27.1	26.1	25.2	24.5	23.1	19.0	15.1	11.6	9.8
75°	35.5	35.1	34.6	33.4	32.0	30.5	28.6	25.9	22.4	18.2	15.2
72.5°	42.9	42.2	41.2	39.9	38.4	37.0	35.2	32.9	30.2	27.1	24.7
70°	51.9	50.7	49.3	47.9	46.4	44.7	42.9	40.7	37.8	34.8	33.1
67.5°	62.3	60.5	58.8	56.6	54.7	52.7	51.6	49.7	47.1	44.0	41.9
65°	78.2	74.5	72.1	71.9	70.1	66.2	62.4	60.5	58.4	54.9	51.2
62.5°	102.9	100.9	95.9	91.2	87.9	85.3	80.4	75.1	71.0	67.5	62.7
60°	134.7	122.3	117.1	111.5	105.1	98.8	94.7	89.6	83.6	78.8	73.8
57.5°	200.6	176.2	161.9	146.2	128.9	119.3	112.4	104.4	97.7	91.0	84.8
55°	336.2	300.9	263.3	219.8	179.0	160.9	140.7	124.9	115.1	103.9	96.5
52.5°	495.4	452.9	405.5	353.6	300.7	244.5	189.1	165.6	138.5	121.8	109.4
50°	642.9	598.7	552.1	501.0	438.0	369.5	302.7	236.1	181.6	150.5	125.7
47.5°	782.8	734.4	682.7	627.6	569.5	504.8	426.6	344.6	267.4	189.9	156.1
45°	918.4	866.4	808.4	748.5	686.2	619.8	549.8	465.6	372.9	283.8	191.8
42.5°	1064.9	1002.1	937.0	870.1	798.7	728.2	654.1	575.1	486.1	383.8	284.2
40°	1220.4	1150.8	1076.5	997.0	917.8	833.9	754.1	671.1	584.4	487.8	375.5
37.5°	1379.8	1300.0	1219.2	1131.6	1041.2	949.2	855.9	764.5	671.9	577.5	468.8
35°	1545.5	1457.2	1363.8	1268.1	1166.3	1066.2	963.4	859.5	758.2	657.4	553.5
32.5°	1712.7	1615.9	1511.3	1405.4	1295.2	1182.4	1071.1	958.3	842.6	735.1	626.3
30°	1881.3	1774.1	1660.1	1539.2	1419.2	1298.5	1175.9	1052.2	928.3	808.9	696.1
27.5°	2046.9	1930.4	1806.3	1674.9	1537.7	1408.2	1276.4	1142.4	1009.1	881.9	760.8
25°	2210.2	2082.5	1945.0	1804.3	1660.4	1509.5	1369.5	1228.6	1088.2	950.1	819.3
22.5°	2372.8	2229.9	2078.6	1923.5	1772.6	1613.6	1457.4	1307.7	1161.4	1014.9	876.6
20°	2528.6	2371.2	2208.0	2040.0	1872.9	1709.2	1541.0	1381.9	1227.3	1075.6	929.7
17.5°	2666.2	2499.4	2327.9	2146.4	1968.0	1794.0	1620.0	1449.8	1287.0	1128.4	977.9
15°	2793.2	2616.2	2433.8	2244.1	2054.4	1868.1	1688.3	1509.6	1340.5	1175.3	1020.6
12.5°	2908.5	2721.0	2529.8	2329.7	2130.7	1933.6	1746.4	1563.5	1387.2	1217.1	1056.7
10°	3002.8	2807.7	2609.0	2403.9	2196.6	1990.7	1794.6	1607.0	1424.9	1250.4	1086.7
7.5°	3079.4	2875.9	2669.5	2462.5	2249.0	2038.4	1834.7	1639.8	1454.3	1274.7	1110.3
5°	3139.1	2929.6	2715.9	2505.7	2286.8	2071.8	1864.6	1661.9	1474.9	1290.4	1127.3
2.5°	3180.0	2966.1	2744.7	2531.7	2311.4	2092.6	1887.0	1679.1	1489.6	1306.8	1142.2
0°	3204.9	2993.4	2766.2	2549.7	2333.7	2104.0	1902.2	1690.7	1495.9	1317.4	1149.9
-2.5°	3180.0	2966.1	2744.7	2531.7	2311.4	2092.6	1887.0	1679.1	1489.6	1306.8	1142.2
-5°	3139.1	2929.6	2715.9	2505.7	2286.8	2071.8	1864.6	1661.9	1474.9	1290.4	1127.3
-7.5°	3079.4	2875.9	2669.5	2462.5	2249.0	2038.4	1834.7	1639.8	1454.3	1274.7	1110.3
-10°	3002.8	2807.7	2609.0	2403.9	2196.6	1990.7	1794.6	1607.0	1424.9	1250.4	1086.7
-12.5°	2908.5	2721.0	2529.8	2329.7	2130.7	1933.6	1746.4	1563.5	1387.2	1217.1	1056.7
-15°	2793.2	2616.2	2433.8	2244.1	2054.4	1868.1	1688.3	1509.6	1340.5	1175.3	1020.6
-17.5°	2666.2	2499.4	2327.9	2146.4	1968.0	1794.0	1620.0	1449.8	1287.0	1128.4	977.9
-20°	2528.6	2371.2	2208.0	2040.0	1872.9	1709.2	1541.0	1381.9	1227.3	1075.6	929.7



REPORT NUMBER: P558603 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2372.8	2229.9	2078.6	1923.5	1772.6	1613.6	1457.4	1307.7	1161.4	1014.9	876.6
-25°	2210.2	2082.5	1945.0	1804.3	1660.4	1509.5	1369.5	1228.6	1088.2	950.1	819.3
-27.5°	2046.9	1930.4	1806.3	1674.9	1537.7	1408.2	1276.4	1142.4	1009.1	881.9	760.8
-30°	1881.3	1774.1	1660.1	1539.2	1419.2	1298.5	1175.9	1052.2	928.3	808.9	696.1
-32.5°	1712.7	1615.9	1511.3	1405.4	1295.2	1182.4	1071.1	958.3	842.6	735.1	626.3
-35°	1545.5	1457.2	1363.8	1268.1	1166.3	1066.2	963.4	859.5	758.2	657.4	553.5
-37.5°	1379.8	1300.0	1219.2	1131.6	1041.2	949.2	855.9	764.5	671.9	577.5	468.8
-40°	1220.4	1150.8	1076.5	997.0	917.8	833.9	754.1	671.1	584.4	487.8	375.5
-42.5°	1064.9	1002.1	937.0	870.1	798.7	728.2	654.1	575.1	486.1	383.8	284.2
-45°	918.4	866.4	808.4	748.5	686.2	619.8	549.8	465.6	372.9	283.8	191.8
-47.5°	782.8	734.4	682.7	627.6	569.5	504.8	426.6	344.6	267.4	189.9	156.1
-50°	642.9	598.7	552.1	501.0	438.0	369.5	302.7	236.1	181.6	150.5	125.7
-52.5°	495.4	452.9	405.5	353.6	300.7	244.5	189.1	165.6	138.5	121.8	109.4
-55°	336.2	300.9	263.3	219.8	179.0	160.9	140.7	124.9	115.1	103.9	96.5
-57.5°	200.6	176.2	161.9	146.2	128.9	119.3	112.4	104.4	97.7	91.0	84.8
-60°	134.7	122.3	117.1	111.5	105.1	98.8	94.7	89.6	83.6	78.8	73.8
-62.5°	102.9	100.9	95.9	91.2	87.9	85.3	80.4	75.1	71.0	67.5	62.7
-65°	78.2	74.5	72.1	71.9	70.1	66.2	62.4	60.5	58.4	54.9	51.2
-67.5°	62.3	60.5	58.8	56.6	54.7	52.7	51.6	49.7	47.1	44.0	41.9
-70°	51.9	50.7	49.3	47.9	46.4	44.7	42.9	40.7	37.8	34.8	33.1
-72.5°	42.9	42.2	41.2	39.9	38.4	37.0	35.2	32.9	30.2	27.1	24.7
-75°	35.5	35.1	34.6	33.4	32.0	30.5	28.6	25.9	22.4	18.2	15.2
-77.5°	27.3	27.3	27.1	26.1	25.2	24.5	23.1	19.0	15.1	11.6	9.8
-80°	17.1	18.0	18.6	18.0	17.2	16.3	14.8	12.2	9.8	7.9	6.6
-82.5°	9.9	10.2	10.3	9.7	9.1	8.5	7.9	6.6	5.5	4.4	3.5
-85°	2.7	2.6	2.5	2.8	2.9	3.0	3.1	2.7	2.4	2.1	1.8
-87.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.7
-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: P558603 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-WR-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°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
85°	1.8	1.8	1.7	1.5	1.4	1.3	1.3	1.3	1.1	1.0	0.9
82.5°	3.6	3.6	3.7	3.6	3.6	3.4	3.2	2.8	2.2	1.6	1.3
80°	7.4	7.9	7.9	7.4	6.5	5.6	5.4	5.0	4.1	3.3	2.4
77.5°	11.3	12.4	13.1	12.9	11.5	10.1	8.8	7.4	6.0	4.9	3.8
75°	15.5	16.9	18.0	18.0	16.5	14.6	12.8	11.0	8.8	6.6	5.2
72.5°	23.5	22.9	23.1	23.2	22.0	20.0	17.5	14.5	12.0	9.4	6.8
70°	31.5	29.4	28.0	27.8	27.1	25.7	23.1	19.2	15.1	12.2	9.3
67.5°	39.9	37.8	35.1	32.8	31.9	30.7	28.7	24.2	19.3	15.0	11.7
65°	48.6	46.1	43.6	40.1	37.5	35.7	33.7	28.8	23.3	18.3	14.1
62.5°	58.1	54.0	50.8	47.0	43.4	40.8	38.6	33.3	27.3	21.6	16.6
60°	68.5	63.3	58.0	53.5	49.3	45.5	42.4	37.9	31.6	24.7	19.2
57.5°	79.0	72.6	66.0	60.1	55.2	50.4	46.0	41.6	35.9	28.4	21.5
55°	89.6	82.5	74.1	66.9	61.0	55.7	50.0	45.1	39.9	32.4	23.2
52.5°	99.8	91.7	82.8	73.9	66.6	60.6	54.3	48.5	43.0	36.3	25.9
50°	112.3	100.6	91.2	81.5	72.1	65.2	58.4	52.0	46.1	39.9	28.3
47.5°	126.8	112.0	99.6	89.0	78.9	69.6	62.4	55.4	49.2	42.6	30.5
45°	155.6	124.9	109.3	96.8	85.3	75.0	66.4	58.6	52.0	43.8	32.3
42.5°	188.6	149.1	120.8	104.4	92.1	80.4	70.3	62.1	54.6	44.6	33.3
40°	267.9	179.2	136.2	114.6	99.0	85.5	74.8	65.5	56.8	45.1	33.7
37.5°	349.5	235.1	163.4	124.4	106.3	91.6	79.0	68.8	57.8	45.6	33.8
35°	432.2	308.2	190.0	142.3	115.1	97.6	82.9	72.1	59.9	46.0	33.6
32.5°	510.7	378.8	251.0	165.9	123.5	103.4	87.4	75.5	62.6	46.5	33.1
30°	578.0	447.3	311.5	188.4	135.3	110.5	92.4	78.6	65.8	46.9	32.6
27.5°	639.2	511.3	368.4	232.1	154.7	117.4	97.1	81.6	69.5	48.1	32.7
25°	695.6	565.9	423.2	280.0	173.0	124.0	101.4	84.4	72.4	50.6	32.7
22.5°	745.4	614.5	473.4	323.6	189.5	130.3	106.0	87.9	74.6	53.2	32.7
20°	790.1	658.7	519.0	363.9	216.5	144.0	111.0	91.1	76.6	55.9	32.5
17.5°	830.3	697.1	557.4	402.1	248.9	156.0	115.6	93.8	78.4	58.6	32.2
15°	869.5	729.7	589.9	436.0	277.4	166.5	119.6	96.2	80.0	61.3	32.0
12.5°	902.4	757.6	617.4	465.2	301.9	175.3	123.2	98.1	81.4	63.6	31.8
10°	928.9	780.6	639.8	489.6	322.3	182.5	126.3	99.6	82.5	65.6	31.2
7.5°	948.8	798.7	657.0	509.1	338.4	188.4	128.2	100.5	83.3	67.2	30.2
5°	963.2	812.3	669.5	523.6	350.0	193.3	129.5	100.9	84.0	68.3	28.9
2.5°	975.1	821.8	677.4	532.8	357.1	196.6	130.1	101.0	84.4	68.8	27.4
0°	980.9	826.1	680.4	536.8	359.7	198.3	130.0	100.7	84.5	68.8	25.8
-2.5°	975.1	821.8	677.4	532.8	357.1	196.6	130.1	101.0	84.4	68.8	27.4
-5°	963.2	812.3	669.5	523.6	350.0	193.3	129.5	100.9	84.0	68.3	28.9
-7.5°	948.8	798.7	657.0	509.1	338.4	188.4	128.2	100.5	83.3	67.2	30.2
-10°	928.9	780.6	639.8	489.6	322.3	182.5	126.3	99.6	82.5	65.6	31.2
-12.5°	902.4	757.6	617.4	465.2	301.9	175.3	123.2	98.1	81.4	63.6	31.8
-15°	869.5	729.7	589.9	436.0	277.4	166.5	119.6	96.2	80.0	61.3	32.0
-17.5°	830.3	697.1	557.4	402.1	248.9	156.0	115.6	93.8	78.4	58.6	32.2
-20°	790.1	658.7	519.0	363.9	216.5	144.0	111.0	91.1	76.6	55.9	32.5



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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°	745.4	614.5	473.4	323.6	189.5	130.3	106.0	87.9	74.6	53.2	32.7
-25°	695.6	565.9	423.2	280.0	173.0	124.0	101.4	84.4	72.4	50.6	32.7
-27.5°	639.2	511.3	368.4	232.1	154.7	117.4	97.1	81.6	69.5	48.1	32.7
-30°	578.0	447.3	311.5	188.4	135.3	110.5	92.4	78.6	65.8	46.9	32.6
-32.5°	510.7	378.8	251.0	165.9	123.5	103.4	87.4	75.5	62.6	46.5	33.1
-35°	432.2	308.2	190.0	142.3	115.1	97.6	82.9	72.1	59.9	46.0	33.6
-37.5°	349.5	235.1	163.4	124.4	106.3	91.6	79.0	68.8	57.8	45.6	33.8
-40°	267.9	179.2	136.2	114.6	99.0	85.5	74.8	65.5	56.8	45.1	33.7
-42.5°	188.6	149.1	120.8	104.4	92.1	80.4	70.3	62.1	54.6	44.6	33.3
-45°	155.6	124.9	109.3	96.8	85.3	75.0	66.4	58.6	52.0	43.8	32.3
-47.5°	126.8	112.0	99.6	89.0	78.9	69.6	62.4	55.4	49.2	42.6	30.5
-50°	112.3	100.6	91.2	81.5	72.1	65.2	58.4	52.0	46.1	39.9	28.3
-52.5°	99.8	91.7	82.8	73.9	66.6	60.6	54.3	48.5	43.0	36.3	25.9
-55°	89.6	82.5	74.1	66.9	61.0	55.7	50.0	45.1	39.9	32.4	23.2
-57.5°	79.0	72.6	66.0	60.1	55.2	50.4	46.0	41.6	35.9	28.4	21.5
-60°	68.5	63.3	58.0	53.5	49.3	45.5	42.4	37.9	31.6	24.7	19.2
-62.5°	58.1	54.0	50.8	47.0	43.4	40.8	38.6	33.3	27.3	21.6	16.6
-65°	48.6	46.1	43.6	40.1	37.5	35.7	33.7	28.8	23.3	18.3	14.1
-67.5°	39.9	37.8	35.1	32.8	31.9	30.7	28.7	24.2	19.3	15.0	11.7
-70°	31.5	29.4	28.0	27.8	27.1	25.7	23.1	19.2	15.1	12.2	9.3
-72.5°	23.5	22.9	23.1	23.2	22.0	20.0	17.5	14.5	12.0	9.4	6.8
-75°	15.5	16.9	18.0	18.0	16.5	14.6	12.8	11.0	8.8	6.6	5.2
-77.5°	11.3	12.4	13.1	12.9	11.5	10.1	8.8	7.4	6.0	4.9	3.8
-80°	7.4	7.9	7.9	7.4	6.5	5.6	5.4	5.0	4.1	3.3	2.4
-82.5°	3.6	3.6	3.7	3.6	3.6	3.4	3.2	2.8	2.2	1.6	1.3
-85°	1.8	1.8	1.7	1.5	1.4	1.3	1.3	1.3	1.1	1.0	0.9
-87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
-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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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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
77.5°	2.8	1.8	1.3	1.0	0.6	0.3	0.0
75°	3.9	2.6	1.6	1.2	0.8	0.4	0.0
72.5°	5.0	3.4	2.1	1.3	0.9	0.5	0.0
70°	6.1	4.1	2.6	1.6	1.0	0.5	0.0
67.5°	8.0	4.8	3.1	1.9	1.1	0.6	0.0
65°	9.7	5.8	3.6	2.2	1.3	0.6	0.0
62.5°	11.4	6.9	4.0	2.4	1.4	0.7	0.0
60°	12.8	8.0	4.4	2.7	1.5	0.7	0.0
57.5°	14.3	9.0	5.1	2.9	1.6	0.8	0.0
55°	15.7	9.8	5.6	3.2	1.8	0.9	0.0
52.5°	16.8	10.6	6.1	3.4	1.9	0.9	0.0
50°	17.7	11.2	6.6	3.5	2.1	1.0	0.0
47.5°	18.6	11.8	6.9	3.7	2.2	1.0	0.0
45°	20.1	12.2	7.2	3.9	2.3	1.1	0.0
42.5°	21.4	12.5	7.4	4.1	2.4	1.1	0.0
40°	22.4	12.6	7.6	4.3	2.6	1.1	0.0
37.5°	23.2	12.6	7.6	4.5	2.7	1.2	0.0
35°	23.7	12.9	7.6	4.7	2.8	1.2	0.0
32.5°	23.8	13.3	7.5	4.9	2.9	1.3	0.0
30°	23.3	13.4	7.3	5.1	3.0	1.3	0.0
27.5°	22.7	13.4	7.5	5.2	3.0	1.3	0.0
25°	21.8	13.3	7.7	5.4	3.1	1.4	0.0
22.5°	20.8	13.3	7.9	5.5	3.2	1.4	0.0
20°	19.7	13.9	8.1	5.6	3.3	1.4	0.0
17.5°	19.5	14.4	8.3	5.7	3.3	1.4	0.0
15°	19.8	14.9	8.5	5.8	3.4	1.4	0.0
12.5°	20.2	15.3	8.6	5.9	3.4	1.5	0.0
10°	20.5	15.6	8.8	6.0	3.4	1.5	0.0
7.5°	20.7	15.9	8.9	6.0	3.5	1.5	0.0
5°	21.0	16.1	9.0	6.1	3.5	1.5	0.0
2.5°	21.1	16.2	9.0	6.1	3.5	1.5	0.0
0°	21.2	16.2	9.1	6.1	3.5	1.5	0.0
-2.5°	21.1	16.2	9.0	6.1	3.5	1.5	0.0
-5°	21.0	16.1	9.0	6.1	3.5	1.5	0.0
-7.5°	20.7	15.9	8.9	6.0	3.5	1.5	0.0
-10°	20.5	15.6	8.8	6.0	3.4	1.5	0.0
-12.5°	20.2	15.3	8.6	5.9	3.4	1.5	0.0
-15°	19.8	14.9	8.5	5.8	3.4	1.4	0.0
-17.5°	19.5	14.4	8.3	5.7	3.3	1.4	0.0
-20°	19.7	13.9	8.1	5.6	3.3	1.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.8	13.3	7.9	5.5	3.2	1.4	0.0
-25°	21.8	13.3	7.7	5.4	3.1	1.4	0.0
-27.5°	22.7	13.4	7.5	5.2	3.0	1.3	0.0
-30°	23.3	13.4	7.3	5.1	3.0	1.3	0.0
-32.5°	23.8	13.3	7.5	4.9	2.9	1.3	0.0
-35°	23.7	12.9	7.6	4.7	2.8	1.2	0.0
-37.5°	23.2	12.6	7.6	4.5	2.7	1.2	0.0
-40°	22.4	12.6	7.6	4.3	2.6	1.1	0.0
-42.5°	21.4	12.5	7.4	4.1	2.4	1.1	0.0
-45°	20.1	12.2	7.2	3.9	2.3	1.1	0.0
-47.5°	18.6	11.8	6.9	3.7	2.2	1.0	0.0
-50°	17.7	11.2	6.6	3.5	2.1	1.0	0.0
-52.5°	16.8	10.6	6.1	3.4	1.9	0.9	0.0
-55°	15.7	9.8	5.6	3.2	1.8	0.9	0.0
-57.5°	14.3	9.0	5.1	2.9	1.6	0.8	0.0
-60°	12.8	8.0	4.4	2.7	1.5	0.7	0.0
-62.5°	11.4	6.9	4.0	2.4	1.4	0.7	0.0
-65°	9.7	5.8	3.6	2.2	1.3	0.6	0.0
-67.5°	8.0	4.8	3.1	1.9	1.1	0.6	0.0
-70°	6.1	4.1	2.6	1.6	1.0	0.5	0.0
-72.5°	5.0	3.4	2.1	1.3	0.9	0.5	0.0
-75°	3.9	2.6	1.6	1.2	0.8	0.4	0.0
-77.5°	2.8	1.8	1.3	1.0	0.6	0.3	0.0
-80°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-85°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)